



WEIL-McLAIN®

#51
T.P.S.

Effective August, 1 2012

Full Line of Boilers, Water Heaters, Baseboard,
Controls, & Accessories

Trade Price Schedule No. 51



WEIL-McLAIN

www.weil-mclain.com



Glossary of Abbreviations Used in Part Number Descriptions

Term	Definition
Alt	Altitude
Assy	Assembly
Auto	Automatic
Blr	Boiler
BrzPlt	Brazed Plate
Cntrl	Control
Cntrls	Controls
Collect	Collector
Conv	Conversion
CSD-1	ASME "Controls and Safety Devices" Code
Dbl	Double
DH	Draft Hood
DPDT	Double Pole Double Throw
DPST	Double Pole Single Throw
Elect	Electric
Exch	Exchanger
Exp	Expansion
Grvty	Gravity
Htr	High
Hi	Heater
Indr	Indoor
Lmt	Limit
LP	LP (Propane) Gas
Ltr	Liter
Mnt	Mounting (or Mount)
NG	Natural Gas
no circ	No Circulator
no circ/DH	No Circulator and No Draft Hood
Op	Operating
Opning	Opening

Term	Definition
Outdr	Outdoor
Pack	Package
Ph	Phase
PI	Intermittent (Spark) Pilot
PIDL	Intermittent Pilot with Damper - LP Gas
PIDN	Intermittent Pilot with Damper - Natural Gas
PIL	Intermittent Pilot - LP Gas
PIN	Intermittent Pilot - Natural Gas
Press	Pressure
RrMnt	Rear Mount
S#	Series Number(s)
S/A	Section Assembly
SdMnt	Side Mount
SP	Standing Pilot
SPDL	Standing Pilot with Damper - LP Gas
SPDN	Standing Pilot with Damper - Natural Gas
SPL	Standing Pilot - LP Gas
SPN	Standing Pilot - Natural Gas
Stm	Steam
T-007	Taco 007 Circulator
Temp	Temperature
Thru	Through
Tnkless	Tankless
Trm	Trim
V	Volts
Vert	Vertical
w/	With
w/o	Without
WallSlv	Wall Sleeve
Wtr	Water

Area Sales Offices

New England

100 Medway Road
Suite 303
Milford, MA 01757
TEL: 508-478-6800
FAX: 508-478-6869

Tri State

200 River Front Blvd.
Elmwood Park, NJ 07407
TEL: 201-797-8550
FAX: 201-797-8552

Mid Atlantic

17000 Commerce Parkway
Suite B
Mount Laurel, NJ 08054
TEL: 856-866-7400
FAX: 856-866-8828

Mideast

Penn Center West #2
Suite 308
Pittsburgh, PA 15276
TEL: 412-788-9345
FAX: 412-788-0177

Central & Western

999 McClintock Drive
Suite 200
Burr Ridge, IL 60527
TEL: 630-560-3700
FAX: 630-560-3769

Weil-McLain

Division Office
999 McClintock Drive Suite 200
Burr Ridge, IL 60527
TEL: 630-560-3700
FAX: 630-560-3769

Visit us at www.weil-mclain.com

INDEX

Weil-McLain Full Line of Products Trade Price Schedule No. 51 - August 1, 2012

Model No.	Product Type	Description	Ratings	Page No.
N.A.	Information	Standard Terms and Conditions of Sale	<i>not applicable</i>	2
Ultra	Gas Boiler	Water - High Efficiency, Condensing	80-399 MBH (<i>input</i>)	6
WM97+	Gas Boiler	Water - High Efficiency, Condensing	70-155 MBH (<i>input</i>)	7
GV90+	Gas Boiler	Water - High Efficiency, Condensing	70-175 MBH (<i>input</i>)	8
GOLD CGi	Gas Boiler	Water - Induced Draft	50-233 MBH (<i>input</i>)	9
GOLD CGa	Gas Boiler	Water - Atmospheric Draft	52-245 MBH (<i>input</i>)	11
GOLD CGt	Gas Boiler	Water - Induced Draft with Tankless Heater	133 MBH (<i>input</i>)	13
EG	Gas Boiler	Water or Steam - Atmospheric Draft	75-300 MBH (<i>input</i>)	14
PEG	Gas Boiler	Steam Only - Atmospheric Draft	75-200 MBH (<i>input</i>)	20
EGH	Gas Boiler	Water or Steam - Atmospheric Draft	349-550 MBH (<i>input</i>)	21
LGB	Gas Boiler	Water or Steam - Atmospheric Draft	400-2860 MBH (<i>input</i>)	26
PFG	Gas Boiler	Water - Atmospheric Draft	244-427 MBH (<i>input</i>)	32
Ultra Commercial	Gas Boiler	Water - High Efficiency, Condensing	550-750 MBH (<i>input</i>)	33
Ultra Oil	Oil Boiler	Water	0.80-1.40 GPH	34
WGO/WTGO/SGO	Oil Boiler	Optional Residential Oil Burners with 2-stage Pumps	0.70-2.55 GPH	35
WGO	Oil Boiler	Water	0.70-2.55 GPH	36
WTGO	Oil Boiler	Water with Tankless Heater	0.95-2.55 GPH	37
SGO	Oil Boiler	Steam	0.95-2.55 GPH	38
Model 80	Gas/Oil Boiler	Water or Steam	346-1674 MBH (<i>input</i>)	39
Model 88	Gas/Oil Boiler	Water or Steam	996-5845 MBH (<i>input</i>)	42
80/88	Gas/Oil Boiler	Beckett Commercial Burners	Various	46
80/88	Gas/Oil Boiler	Carlin Commercial Burners	Various	48
80/88	Gas/Oil Boiler	Power Flame C Commercial Burners	Various	50
80/88	Gas/Oil Boiler	Power Flame J Commercial Burners	Various	52
80/88	Gas/Oil Boiler	Riello Commercial Burners	Various	54
80/88	Gas/Oil Boiler	Webster Commercial Burners	Various	56
80/88	Gas/Oil Boiler	Flame Safeguard Charts	Various	58
80/88	Gas/Oil Boiler	Burner Control & Lamp Options	Various	59
80/88	Gas/Oil Boiler	Additional Insurance Code Trim	Various	59
Model 94	Gas/Oil Boiler	Water or Steam	2527-8660 MBH (<i>input</i>)	60
Aqua Plus	Water Heaters	Indirect-Fired Water Heater	5 Sizes: 35, 45, 55, 85, 105	62
WMPH	Heat Exchangers	Maxi-Flo Pool Heaters	95-400 MBH (<i>output</i>)	63
WMBP	Heat Exchangers	Brazed Plate (water to water)	wide variety of models	63
WMBP	Heat Exchangers	For forced air systems	58-124 MBH	63
Therma Trim	Baseboard	8" high convector finned-tube baseboard	580 BTU/Hr/Ft@180 °F	64
High Trim	Baseboard	9¾" high convector finned-tube baseboard	740 BTU/Hr/Ft@180 °F	65
CIBB	Baseboard	9¾" high snug fit, cast iron baseboard	570 BTU/Hr/Ft@180 °F	66
BCP	MBS Accessories	Boiler Control Panel & Sensor Kits	3 Models: 3, 6, and 12	70
WMR	Zone Controllers	For hydronic heating systems	Relay-zone valve-circulator	70
WMCR	Zone Controllers	For hydronic heating systems	Circulator	70
WMZV	Zone Controllers	For hydronic heating systems	Zone valve	70
WM-ODR	Zone Controllers	For hydronic heating systems	Outdoor reset control	70
Easy-Fit®	MBS Accessories	Manifolds for MBS Systems	Copper and black iron	70
N.A.	LWCO	Water Level Controls	<i>not applicable</i>	71
N.A.	Controls	Temperature / Pressure Controls	<i>not applicable</i>	72
N.A.	Miscellaneous	Optional / Additional Equipment	<i>not applicable</i>	73
N.A.	Miscellaneous	Water Treatment	<i>not applicable</i>	74
N.A.	Information	Technical Notes	<i>not applicable</i>	75
N.A.	Information	Homeowner Protection Plans	<i>not applicable</i>	75

Graphics are visual representations ONLY.
Refer to individual product manuals for all installation information.

WEIL-McLAIN

Terms and Conditions of Sale

A. TRADE TERMS AND CONDITIONS

1. **Trade Prices.** (a) This Trade Price Schedule is provided for use by Distributors of Weil-McLain, a division of The Marley-Wylain Company, as a listing of Weil-McLain's current hydronic products, with suggested trade prices, for use in Distributor's resale of such products to its heating-contractor customers ("Contractors"). (b) All trade prices set forth herein supersede all prior price lists and are subject to change or withdrawal without notice. (c) The trade prices set forth herein do not necessarily represent price levels in a Distributor's local market, nor do they limit in any way any Distributor's right to set its prices for resale to Contractors.

2. **Distributor Prices and Orders.** (a) Unless otherwise agreed, all written Weil-McLain quotations to Distributor for hydronic products and any services Weil-McLain may provide (individually and collectively, "Products") shall automatically expire unless an order is received by Weil-McLain within 30 days of the date quoted or as set forth in communications accompanying the issuance of a new Trade Price Schedule. (b) Distributor orders to Weil-McLain shall otherwise be subject to Distributor prices, calculated by applying the distributor discounts in effect at the time an order is accepted to the suggested trade prices then in effect ("Distributor Prices"). (c) Any manufacturers' or sales taxes payable under any applicable law on any transaction between Weil-McLain and Distributor are in addition to the Distributor Price. (d) No Distributor order to Weil-McLain shall result in a contract until it is accepted and acknowledged by Weil-McLain at its principal offices in Michigan City, Indiana. (e) As provided in more detail in Section B.1., Weil-McLain shall not be bound by any terms on Distributor's order forms or other documents that attempt to impose any conditions at variance with Weil-McLain's terms and conditions of sale. (f) For additional terms regarding Distributor Prices and orders, see Section B.9.

3. **Submittals.** Whenever Distributor requests a submittal from Weil-McLain for a specific installation, Distributor must simultaneously submit a purchase order to Weil-McLain at its principal offices. The purchase order may be a "hold for approval" purchase order. If a Weil-McLain quotation was previously issued for the project and remains in effect, the quotation or quotation number must be included on the purchase order. If the purchase order is a "hold for approval" purchase order, Distributor shall release such purchase order in one of the following ways: (a) by copy of Weil-McLain's submittal marked approved by Distributor; (b) by copy of Weil-McLain's submittal with changes noted by Distributor; or (c) by Distributor's written release of the purchase order **as written**. Weil-McLain cannot accept orders that are marked "per specifications."

4. **Delivery and Delay.** (a) Subject to the shipping and handling charges in effect at the time of shipment, Products shall be shipped CPT (named place of destination) (Incoterms 2000). Title and risk of all damage or loss shall transfer to Distributor when delivery is made to the initial carrier. Shipping and handling charges will be determined for each individual order to a single ship-to location for Products that are released at one time, based on the table below, as may be amended from time to time without notice. No pooling of orders shall be allowed in determining shipping and handling charges.

Individual Order Description (All Product Released at Same Time)	Shipping & Handling Charge (per Order/Single Ship-To Location)
UPS Eligible (Shipped from Weil McLain Facility)	Actual Freight
UPS Eligible (Direct Vendor Shipment)	Standard Weil McLain Shipping & Handling Chages Apply
Net Value up to \$5,000*	\$210
Net Value \$5000+ to 15,000*	\$275
Net Value \$15,000+ to \$50,000*	\$150
Net Value \$50,000+*	No Charge

* By ground shipment other than UPS

- (b) Weil-McLain shall not be liable for any expense, loss, damage, or liquidated damages resulting from any delay or failure in shipment or delivery of Products directly or indirectly due to any cause whatsoever beyond its reasonable control, including, without limitation, fire, flood, accidents, inclement weather, or other acts of God; riots, war, embargo, labor stoppages, or thefts; inadequate transportation facilities or transportation delays; shortage of materials or supplies; governmental regulation; or acts or failure to act by Distributor, government, or any other third party not under Weil-McLain's direct control.
 - (c) Weil-McLain reserves the right to allocate available production among Distributors in such manner as it in its sole discretion deems necessary or desirable.
 - (d) For additional terms regarding delivery and delay, see Section B.5.
5. **Incorrect Product Shipped or Product Shortage.** No claims for Product received at variance from Distributor's order or on shortages in
 6. **Damaged Product.** (a) Damaged in Transit. Distributor shall inspect all Products carefully before signing delivery receipts or bills of lading. If the carrier tenders delivery of Product in bad order, Distributor shall require that carrier's agent make a notation of condition on the delivery receipt

or bill of lading, thus enabling Distributor to secure payment for transportation claims that it may file against the carrier for the value of damaged Product. No claims on Product damaged in transit will be allowed unless Distributor notifies Weil-McLain of the claim, and presents the claim to the carrier, within ten (10) days after receipt of Product.

- (b) **Concealed Damage.** Any claims on Products received in which concealed damage has occurred must be presented to Weil-McLain within 12 months from the date of shipment from Weil-McLain. No concealed damage claims will be considered after 12 months from date of shipment.

7. Returned Goods (Products Ordered Incorrectly).

- (a) Weil-McLain generally does not accept Products returned from Distributor for credit. Distributor shall return no Products without obtaining Weil-McLain's prior written consent to the return from its principal offices. Products that are made on special order or are not of current standard manufacture are ineligible for return.
- (b) Distributor shall be responsible for all transportation and insurance costs to return Products approved by Weil-McLain for return, which Products shall be crated or cartoned for protection in transportation and properly marked with a Weil-McLain returned-Products number. Products not properly identified will be refused and returned to sender at sender's expense. Before any credit is issued, Weil-McLain will inspect the returned Products, and any Products that are damaged or not deemed in Weil-McLain's sole discretion to be in saleable condition shall be ineligible for credit. All credit granted shall be subject to a **minimum** deduction of 20% for restocking.

- 8. End-User Warranty Administration.** The end-user warranty claim process shall be administered by Weil-McLain and Distributor in accordance with Weil-McLain's end-user warranty claim administration procedures. Current end-user warranty claim administration procedures are available from Distributor's Weil-McLain representative or on Weil-McLain's website at www.weil-mclain.com/professional/distributors_only/warranty/procedures.

B. OTHER TERMS AND CONDITIONS

- 1. Order Acceptance and Governing Provisions.** WEIL-McLAIN'S ACCEPTANCE OF ANY ORDER FROM DISTRIBUTOR IS CONDITIONED UPON DISTRIBUTOR'S ACCEPTANCE OF THE TERMS AND CONDITIONS OF SALE SET FORTH IN THE CURRENT TRADE PRICE SCHEDULE AND IN WEIL-McLAIN'S ORDER ACKNOWLEDGEMENT/STATUS REPORT, INVOICE, MARKETING AND SALES BULLETINS, AND QUOTATIONS FORMS (THE "STANDARD TERMS") AND DISTRIBUTOR'S AGREEMENT TO BE BOUND BY AND COMPLY WITH THE STANDARD TERMS. THE STANDARD TERMS CONSTITUTE THE ENTIRE AGREEMENT BETWEEN DISTRIBUTOR AND WEIL-McLAIN APPLICABLE TO ANY AND ALL ORDERS FROM DISTRIBUTOR, OTHER THAN THOSE TERMS SPECIFYING THE PRODUCT(S) ORDERED, QUANTITY, DISTRIBUTOR PRICE (CALCULATED IN ACCORDANCE WITH SECTION 2(b)), ESTIMATED DELIVERY DATE, SHIP-TO ADDRESS, AND ANY OTHER ROUTINE TRADE TERM RELEVANT TO A SPECIFIC ORDER (THE "ORDER-SPECIFIC TERMS"), AND NO AMENDMENT OR MODIFICATION OF THE STANDARD TERMS SHALL BE BINDING ON WEIL-McLAIN UNLESS SIGNED BY AN OFFICER OR AUTHORIZED EMPLOYEE OF WEIL-McLAIN. THE FAILURE OF WEIL-McLAIN TO OBJECT TO PROVISIONS CONTAINED IN ANY PURCHASE ORDER OR OTHER DOCUMENT OF DISTRIBUTOR SHALL NOT BE CONSTRUED AS A WAIVER BY WEIL-McLAIN OF THE STANDARD TERMS OR AN ACCEPTANCE OF ANY OF DISTRIBUTOR'S PROVISIONS. ANY TERMS OR CONDITIONS SET FORTH BY DISTRIBUTOR IN A PURCHASE ORDER OR OTHER DOCUMENT THAT CONFLICT WITH OR ADD TO THE STANDARD TERMS, OTHER THAN ORDER-SPECIFIC TERMS, SHALL NOT BE BINDING UPON WEIL-McLAIN, AND WEIL-McLAIN HEREBY EXPRESSLY OBJECTS THERETO. With respect to any order from Distributor, the Standard Terms and the Order-Specific Terms shall collectively be referred to herein as the "Terms" of the order.
- 2. Limited Warranties.** (a) Weil-McLain provides a limited warranty on each of its Products directly to the end user of the Product (the "End-User Limited Warranties"). Current End-User Limited Warranties are available from Distributor's Weil-McLain representative or on Weil-McLain's website at www.weil-mclain.com/warranty. End-User Limited Warranties shall not apply to any loss or damage resulting from (i) normal wear and tear; (ii) alteration, misuse, or abuse by any party; (iii) improper installation, operation, or maintenance by any party; (iv) power failures; (v) accident, fire, flood, or acts of God; or (vi) inaccurate or incomplete information or data supplied or approved by Distributor or any other party. The End-User Limited Warranties state Weil-McLain's entire warranty to the end user and the end user's sole and exclusive remedy related to the Products. (b) Weil-McLain warrants to Distributor clear title to Products free from liens and other encumbrances (the "Distributor Warranty") and will correct any defect in title. **THE DISTRIBUTOR WARRANTY STATES WEIL-McLAIN'S ENTIRE WARRANTY TO DISTRIBUTOR AND DISTRIBUTOR'S SOLE AND EXCLUSIVE REMEDY RELATED TO THE PRODUCTS. (c) EXCEPT AS EXPRESSLY SET FORTH IN THE END-USER LIMITED WARRANTIES AND IN THE DISTRIBUTOR WARRANTY ABOVE, WEIL-McLAIN MAKES NO WARRANTY OF ANY KIND WHATSOEVER, AND WEIL-McLAIN EXPRESSLY DISCLAIMS ANY WARRANTIES IMPLIED BY LAW, INCLUDING, WITHOUT LIMITATION, ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.**
- 3. Limitation of Liability.** Except to the extent specifically provided in Section B.4., **WEIL-McLAIN SHALL NOT BE LIABLE UNDER ANY THEORY OF RELIEF, INCLUDING, WITHOUT LIMITATION, BREACH OF WARRANTY, BREACH OF CONTRACT, TORT (INCLUDING NEGLIGENCE), STRICT LIABILITY, OR OTHERWISE, ARISING OUT OF OR RELATED TO AN ORDER OR WEIL-McLAIN'S NEGLIGENT ACTS OR OMISSIONS FOR ANY INCIDENTAL, SPECIAL, CONSEQUENTIAL, PUNITIVE, EXEMPLARY, MULTIPLE, OR LIQUIDATED DAMAGES OF ANY NATURE, INCLUDING, WITHOUT LIMITATION, LOSS OF ANTICIPATED PROFITS OR REVENUES, DAMAGE TO PROPERTY, OR LOSS OF USE.** Weil-McLain's entire liability for direct damages resulting from any performance or failure to perform, delay, breach of contract, breach of warranty, or otherwise under any Order from Distributor shall not exceed the purchase price actually paid by Distributor to Weil-McLain. This limitation of direct damages shall not apply to instances of personal injury, sickness, disease, or death of any person.

In addition, in no event shall Weil-McLain be liable for any damages if and to the extent such damages are caused by the negligence of Distributor, Contractor, the end user of the Products, or any other third party that is not under the direct control of Weil-McLain.

4. **Patents and Trademarks.** (a) If notified promptly by Distributor in writing and provided with authority, information, and assistance, Weil-McLain shall defend and indemnify Distributor, or may at any time settle, at Weil-McLain's option, any suit or proceeding alleging that any Products used or sold by Distributor infringe any United States patent or trademark. Weil-McLain shall pay any direct damages awarded in such suit or proceeding up to the amount of the depreciated purchase price of the Products. In the event any Products are held to constitute such infringement and the use of such Products is enjoined, Weil-McLain shall, at its option and expense (i) procure for Distributor the right to continue using the Products; (ii) replace the Products with non-infringing Products; (iii) modify the Products so that they become non-infringing; or (iv) remove the Products and return the depreciated purchase price. **THE FOREGOING CONSTITUTES THE ENTIRE LIABILITY OF WEIL-McLAIN AND THE SOLE AND EXCLUSIVE REMEDY OF DISTRIBUTOR FOR PATENT OR TRADEMARK INFRINGEMENT RELATED TO THE PRODUCTS.** (b) **NOTWITHSTANDING THE FOREGOING, SECTION B.4(a) ABOVE SHALL NOT APPLY TO ANY SUIT OR PROCEEDING ALLEGING INFRINGEMENT RESULTING FROM OR RELATED TO WEIL-McLAIN'S COMPLIANCE WITH THE SPECIFICATIONS OR DESIGN OF DISTRIBUTOR OR THE USE OF PRODUCTS IN COMBINATION WITH OTHER GOODS OR MATERIALS.** Distributor shall defend and pay any damages awarded in such suit or proceeding described in this Section B.4(b).
5. **Additional Delivery and Delay Terms.** (a) Unless otherwise agreed to in writing and signed by Weil-McLain, Distributor shall have sole responsibility for filing any claims with any carrier for delay, loss, or damage. (b) Dates of delivery or other performance are estimates and are based on timely receipt from Distributor of accurate and complete approved drawings, technical data, a fully executed contract or purchase order, and any necessary documents or information required by Weil-McLain's credit department. Weil-McLain shall have the right to delay shipment of Products or other performance until all required documents or information has been provided by Distributor, and any other requirements, including the payment of any past due amounts, have been fulfilled. In the event of such delay, the estimated delivery or performance date will be subject to equitable adjustment and any additional costs incurred by Weil-McLain shall be borne by Distributor.
6. **Storage.** If Distributor's site is not ready to accept ordered Products on the estimated delivery date, Weil-McLain may store the Products at its facility or any other suitable location until such time as Distributor is ready to receive them. Distributor shall be liable for any storage fees as determined by Weil-McLain. Title to the Products shall transfer to Distributor upon placement in storage, and Distributor accepts all risk of damage or loss while the Products are in transit to storage, in storage, or in transit from storage.
7. **Changes, Substitutions, and Cancellation.** (a) Any changes requested by Distributor shall be effective upon written acceptance by Weil-McLain at its principal offices. Any changes accepted by Weil-McLain that affect the specifications or scope of work of an order shall entitle Weil-McLain, as appropriate, to an adjustment to the price, delivery schedule, or other Terms affected by such change. (b) Weil-McLain may furnish suitable substitutes for materials unobtainable due to regulations of governmental authorities or unavailability of materials from suppliers. (c) Distributor may cancel an order only with the prior written consent of Weil-McLain at its principal offices and upon payment of any applicable cancellation charges, as determined by Weil-McLain. If a special order is cancelled for any reason (except for the gross negligence of Weil-McLain), Weil-McLain shall be reimbursed for labor and material expended on the order, including reasonable overhead and profit. Total charges for cancellation will not exceed the purchase order price.
8. **Approvals, Inspection, and Acceptance of Products.** (a) Distributor's approval, or failure to disapprove, of drawings submitted under an order constitutes Distributor's acceptance of equipment design, specifications, and other data contained therein. (b) Inspection of Products at Weil-McLain's plant by Distributor, or Distributor's representatives, will be permitted insofar as such inspection does not interfere with Weil-McLain's production and provided that complete written details of such inspection are submitted to Weil-McLain no less than ten (10) days in advance. (c) The Products shall be deemed accepted, and any claim of Distributor against Weil-McLain with respect to an order shall be waived and not enforceable, unless (i) Distributor has promptly inspected the Products and services; and (ii) written notice from Distributor of any defect has been received by Weil-McLain within 48 hours of rejection of any Products inspected upon delivery or other performance. (d) Distributor must give Weil-McLain reasonable advance notice and authorization to attend any tests designed to demonstrate that Products are defective, and the test conditions must be mutually agreed to by Weil-McLain and Distributor.
9. **Additional Distributor Price, Payment, and Credit Terms.** (a) Unless other terms have been expressly stated by Weil-McLain in writing, Distributor Prices do not include (i) customs, duties, or any domestic or foreign sales, use, excise, or similar taxes under existing or future laws (with Distributor to be charged for same, unless Distributor has provided Weil-McLain with an appropriate tax exemption certificate); (ii) costs for installation of Products; and (iii) costs of any permits, licenses, fees, and similar charges required by law or local practice. (b) Weil-McLain invoices upon shipment. Subject to credit approval and unless otherwise agreed, payment terms shall be net 30 days from the date of invoice. Pro-rata payments shall become due with partial shipments of Products or other partial performance. Weil-McLain shall charge 1½% per month (or such lower percentage as required by applicable law) of the unpaid invoice balance, commencing 30 days following the invoice date. (c) Weil-McLain may, at its option, decline to deliver Products or otherwise perform, except for cash in advance or the provision of some other reasonable form of security, or stop Products in transit whenever, for any reason, Weil-McLain reasonably doubts Distributor's financial responsibility.

10. **Goods for Export.** If the ultimate destination of the Products is outside of the country of origin, Distributor shall designate such country on its purchase order. In the event that Distributor purchases Products for export without so notifying Weil-McLain, Distributor shall have sole liability and shall defend and indemnify Weil-McLain for any loss or damage (including, without limitation, claims of governmental authorities) arising from the export from the country of origin or the import into another country of such Products, including, without limitation, those related to packaging, labeling, marking, warranty, contents, use, or documentation of the products. Distributor shall have sole responsibility for obtaining any required export licenses. Distributor shall neither take, nor solicit Weil-McLain to take, any action that would violate any anti-boycott or any export or import statutes or regulations of the United States or other governmental authorities and shall defend and indemnify Weil-McLain for any loss or damage arising out of or related to such action. Weil-McLain reserves the right to refuse to sell, transfer, assign, or allow for export any Products if, in Weil-McLain's reasonable judgment, the Products would be imported into a country in violation of any law or used in any process in violation of any law.
11. **Proprietary Information.** Weil-McLain retains title to, and all intellectual property rights in, without limitation, any patent, trademark, copyright, and trade secret, and all engineering and production prints, drawings, technical data, and other information and documents that relate to the Products sold to Distributor. Unless advised by Weil-McLain in writing to the contrary, all such information and documents disclosed or delivered by Weil-McLain to Distributor are to be deemed proprietary to Weil-McLain and shall be used by Distributor solely for the purpose of inspection, installation, and maintenance and not used by Distributor for any other purpose.
12. **Indemnification.** Weil-McLain shall indemnify, defend, and hold harmless Distributor from all damages, losses, or expenses, including attorney's fees, from any claims or damages for bodily injury, sickness, disease, or death, and from claims for damage to property, other than the Products themselves, caused by the negligence or acts of willful misconduct of Weil-McLain, EXCEPT TO THE EXTENT SUCH INJURY, DEATH, DAMAGE, OR LOSS, IS CAUSED BY THE NEGLIGENCE OR WILLFUL MISCONDUCT OF DISTRIBUTOR OR ANY OTHER THIRD PARTY NOT UNDER WEIL-McLAIN'S DIRECT CONTROL. Weil-McLain shall not have any duty to indemnify, defend, or hold harmless Distributor for, and the provisions hereunder shall not apply to, any acts caused solely by Distributor or any of its employees, agents, or subcontractors, or any other third party not under Weil-McLain's direct control. Distributor shall likewise indemnify, defend, and hold harmless Weil-McLain. For those claims resulting from the joint or concurrent acts of the parties, each party shall be liable to the extent of its proportional fault as finally agreed upon by the parties or as determined pursuant to Section 13.
13. **Dispute Resolution.** Any dispute arising out of or relating in any way to any transactions between the parties, including disputes as to validity, enforceability, construction, or breach of any agreement, or termination of relationship, shall be resolved through binding arbitration through the CPR Institute for Dispute Resolution ("CPR") by filing an arbitration Demand in writing with the CPR and sending a copy to the other party. The CPR Rules for Non-Administered Arbitration then in effect and the U.S. Arbitration Act shall govern the arbitration. One (1) independent arbitrator shall conduct the arbitration in Michigan City, Indiana. The arbitrator shall facilitate discovery under CPR Rule 11, but only one (1) deposition shall be permitted per party unless otherwise agreed. Within 30 days of selecting the arbitrator, the filing party shall provide copies of all evidence in its possession that supports its demand. Within 30 days of receipt of such information, the receiving party shall produce all evidence that supports its defense. The arbitration must be completed through the rendering of award within six (6) months of selection of the arbitrator. The hearing shall be no longer than three (3) consecutive business days equally divided between the parties. The arbitrator may award monetary damages only and may not include any exemplary or punitive damages. Notwithstanding anything to the contrary in the Standard Terms and without prejudice to these procedures, any party may apply to a court of competent jurisdiction for injunctive or non-monetary judicial relief if such action is necessary to avoid irreparable damage. The parties shall share the arbitrator fees and expenses equally. The award rendered by the arbitrator shall be final and binding upon the parties, not subject to judicial review, and judgment thereon may be entered in any court of competent jurisdiction.
14. **Miscellaneous.** All rights and remedies of each of the parties under the Terms are in addition to its rights at law and in equity, except where specifically disclaimed. Any delegation or assignment by Distributor of any of its responsibilities or rights hereunder or under any order without Weil-McLain's prior written consent shall be void. The validity, performance, and interpretation of the Terms shall be governed by the law of the State of Delaware, U.S.A., without reference to principles of conflicts of law. The invalidity or illegality of any provision of the Terms shall not render invalid or illegal any other provision therein. Weil-McLain's failure at any time to require performance by Distributor of any of the Terms shall not serve as a waiver or diminish Weil-McLain's right to demand strict compliance with such provision or with any other of the Terms.

Effective 4/15/09



Ultra Condensing High Efficiency Gas Boiler

Water (80 - 399 MBH)

Series 3-UE



Part No.	Description – (Input)	Trade
Ultra Boilers (NG field convertible to LP as standard except Ultra 80)		
383-500-700	Ultra 80 Blr S3-UE T-007 (80 MBH)	\$ 4,430
383-500-701	Ultra 80 LP Blr S3-UE T-007 (80 MBH)	\$ 4,430
383-500-702	Ultra 105 Blr S3-UE T-007 (105 MBH)	\$ 4,909
383-500-703	Ultra 155 Blr S3-UE T-0014 (155 MBH)	\$ 5,507
383-500-704	Ultra 230 Blr S3-UE T-0014 (230 MBH)	\$ 6,229
383-500-705	Ultra 299 Blr S3-UE T-0014 (299 MBH)	\$ 8,625
383-500-706	Ultra 399 Blr S3-UE T-0013 (399 MBH)	\$ 9,730
Ultra Kits		
383-500-649	Ultra Easy-Up Manifold 1¼" (UG 80 & 105)	\$ 454
383-500-661	Ultra Easy-Up Manifold 1½" (UG 155-399)	\$ 473
383-500-350	PVC Concentric 3" Vent Kit	\$ 91
389-900-180	Ultra Wall Mount Kit	\$ 52
511-100-005	LWCO with Harness and Test Button	\$ 101
383-500-631	Condensate Neutralizer Kit	\$ 69
383-500-605	Maintenance Kit (UG 80 & 105)	\$ 53
383-500-620	Maintenance Kit (UG 155-399)	\$ 64

Standard Equipment

- Boiler**
 Factory Tested
 Cast Aluminum Block
 30 PSI ASME Relief Valve
 Drain Valve
 Stainless Steel Burner (80, 105)
 with woven steel fiber mesh (155 - 399)
 Direct Spark Ignition
 Variable Speed Blower Assembly
 Venturi Mixing System with Air Silencer
 Negative Pressure Regulated Gas Valve
 50 VA Transformer
 Dual Scale Temp. & Pressure Gauge
 Outlet Water Temp. Sensor
 Inlet Water Temp. Sensor
 Flue Gas Temp. Sensor
 Outdoor Temp. Sensor
 System Water Temp. Sensors

Ucontrol Module

- 3.5" LCD Display
 Three Boiler Priorities
 with multiple preset system configurations
 Color-coded Removable Terminal Blocks
 Multiple Boiler Functionality
 Alarm Control Functionality
 Ignition Control
 High Limit & Modulating Temp. Control
 Low Water Protection
 Outdoor Reset
 Ability to Control
 any combination of 3 circulators

Boiler Circulators

- 1" Flange (80 & 105) Taco 007
 1" & 1-1/4" Flanges (155 & 230) Taco 0014
 1-1/4" & 1-1/2" Flanges (299) Taco 0014
 1-1/4" & 1-1/2" Flanges (399) Taco 0013

Complete Jacket Assembly with

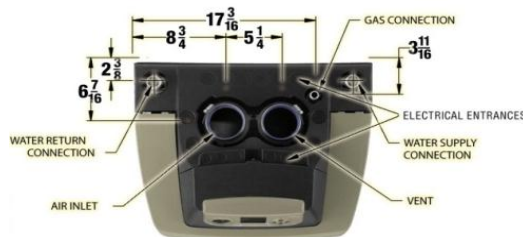
- Fully Removable Jacket Front
 Adjustable Boiler Legs
 Sidewall Vent/Air Termination Kit
 On/Off Power Switch
 Line Voltage Service Receptacle
 Condensate Trap with Drain Tee Assembly
 Propane Conversion Orifice
 (all models except 80)
 Water Treatment - Inhibitor & Test Kit

Ratings	Ultra 80	Ultra 105	Ultra 155	Ultra 230	Ultra 299	Ultra 399
CSA Input (Maximum)	80 MBH	105 MBH	155 MBH	230 MBH	299 MBH	399 MBH
CSA Input (Minimum)	16 MBH	21 MBH	31 MBH	46 MBH	62 MBH	80 MBH
DOE Heating Cap.	71 MBH	94 MBH	139 MBH	207 MBH	270 MBH*	*365 MBH
Net I=B=R	62 MBH	81 MBH	123 MBH	183 MBH	234 MBH	317 MBH
DOE AFUE	95.2%	95.3%	95.6%	95.4%	96.4%	*91.7%

*Note Ultra 399 ratings are gross output and combustion efficiency. Not Energy Star

Data	Ultra 80	Ultra 105	Ultra 155	Ultra 230	Ultra 299	Ultra 399
Vent Size/Material	2" or 3" PVC/CPVC	2" or 3" PVC/CPVC	3" PVC/CPVC	3" or 4" PVC/CPVC	4" PVC/CPVC	4" PVC/CPVC
Combustion Air Size	2" or 3"	2" or 3"	3"	3" or 4"	4"	4"
Water volume	0.69 Gal	0.82 Gal	1.17 Gal	1.57 Gal	2.10 Gal	2.10 Gal
Approx. Ship Weight	193 lbs.	198 lbs.	237 lbs.	248 lbs.	300 lbs.	300 lbs.

Dimensions	Ultra 80	Ultra 105	Ultra 155	Ultra 230	Ultra 299	Ultra 399
Supply and Return	1"			1-1/4"		
Min. Recommended Pipe Size	1"		1-1/4"		1-1/2"	
Gas Connection Size	½"				¾"	
Carton Dimensions	54"L x 30"W x 27"H				61"L x 30"W x 27"H	



Featuring
Ucontrol
 Flexibility



Wall Mount Condensing Gas Boiler

Water (70 - 155 MBH)

Series 1



DOE



Part No.	Description - (Input)	Trade
WM97+ Boilers		
383-700-000	WM97+70 Blr S1 T-007 (70 MBH)	\$ 3,920
383-700-001	WM97+110 Blr S1 T-0015 (110 MBH)	\$ 4,295
383-700-002	WM97+155 Blr S1 T-0015 (155 MBH)	\$ 5,025
WM97+ Kits		
383-500-631	Condensate Neutralizer Kit	\$ 69
383-700-167	PVC Concentric 2" Vent Kit	\$ 61
383-500-350	PVC Concentric 3" Vent Kit	\$ 91
383-700-165	Maintenance Kit	\$ 60

See Water Treatment section for recommended treatment parts

Ratings

	WM97+ 70	WM97+ 110	WM97+ 155
CSA Input	70 MBH	110 MBH	155 MBH
DOE Heating Capacity	65 MBH	101 MBH	143 MBH
Net I=B=R	57 MBH	88 MBH	124 MBH
DOE AFUE	97.3%	97.0%	97.2%

Data

Vent Size/Material	2" or 3" PVC/CPVC/PP/SS	3"
Combustion Air Size	2" or 3"	3"
Water Volume	2.8	3.4
Approx. Ship Weight	136	162

Dimensions

Supply Tapping	1"	1 1/4"
Return Tapping	1"	1 1/4"
Min. Recommended Pipe Size	1"	1 1/4"
Gas Connection Size	1/2"	1/2"
Carton Dimensions	25" L x 24" W x 46" H	

Standard Equipment

Boiler

Stainless Steel Heat Exchanger
 30 PSI ASME Relief Valve
 Drain Valve
 Stainless Steel Burner
 with woven steel fiber mesh
 Direct Spark Ignition
 Variable Speed Blower Assembly
 Venturi Mixing System with Air Silencer
 Negative Pressure Regulated Gas Valve
 50 VA Transformer
 Dual Scale Temp. & Pressure Gauge
 Outlet Water Temp. Sensor
 Inlet Water Temp. Sensor
 Flue Gas Temp. Sensor
 Outdoor Temp. Sensor
 Built-in Primary/Secondary Piping Option
 and Built-in Expansion Tank (70 & 110)
 Indirect-Fired Water Heater Connections
 Water Treatment - Inhibitor & Test Kit
 LWCO with Manual Reset & Test Button

Control Module

3.5" LCD Display
 Three-zone Circulator Control
 with optional domestic hot water priority
 Pre-wired Terminal Blocks
 Alarm Control Functionality
 Ignition Control
 High Limit & Modulating Temp. Control
 Outdoor Reset

Internal Boiler Circulator*

1" Flanges Taco 007 (70)
 1" Flanges Taco 0015 (110 & 155)

Complete Jacket Assembly with

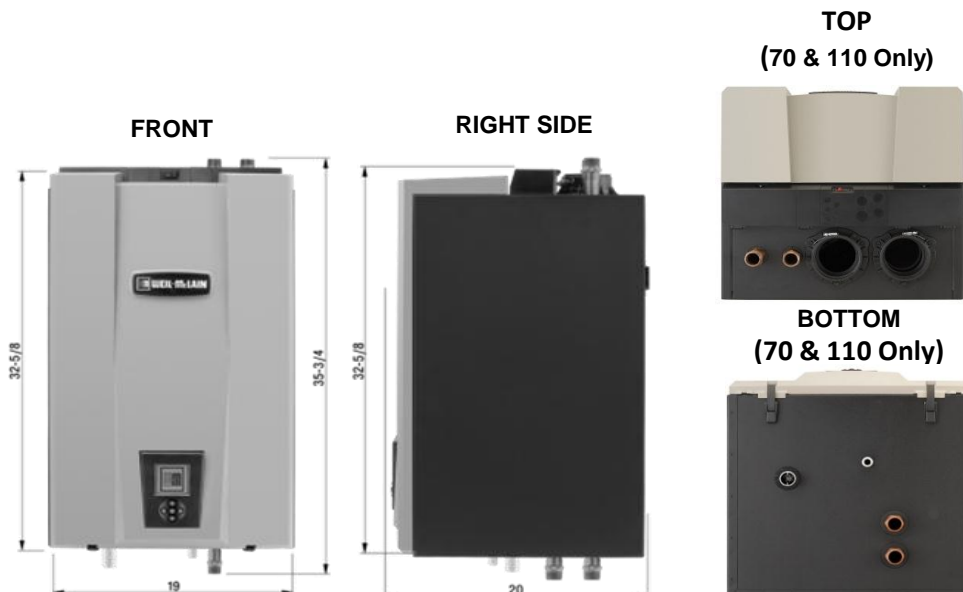
Fully Removable Jacket Front
 Mounting Bracket
 Sidewall Vent/Air Termination Kit**
 On/Off Power Switch
 Condensate Trap
 Propane Conversion Orifice

Additional Equipment

Concentric Vent Kit
 Condensate Neutralizer Kit

* Circulator supplied with boiler cannot be removed and cannot be used as a zone circulator in multiple zone systems.

** Includes inside and outside plates, vent cap and hardware.





Cast Iron Condensing High Efficiency Boiler

Water (70 - 175 MBH)

Series 2



DOE



Part No.	Description - (Input)	Trade
----------	-----------------------	-------

GV90+ Boilers

382-200-610	GV90+ 3 Blr S2 T-007 (70 MBH)	\$ 3,164
382-200-611	GV90+ 4 Blr S2 T-007 (105 MBH)	\$ 3,384
382-200-612	GV90+ 5 Blr S2 T-007 (140 MBH)	\$ 3,902
382-200-613	GV90+ 6 Blr S2 T-007 (175 MBH)	\$ 4,411

GV90+ Kits

382-200-728	GV90+ 3-6 High Altitude Kit	\$ 56
383-500-631	Condensate Neutralizer Kit	\$ 69
383-500-350	PVC Concentric Vent Kit (3" only)	\$ 91
382-200-435	GV90+/CGs Thru Roof Stainless Steel Vent Kit	\$ 190

See Water Treatment section for recommended treatment parts

Ratings

	GV90+3	GV90+4	GV90+5	GV90+6
CSA Input	70 MBH	105 MBH	140 MBH	175 MBH
DOE Heating Capacity	65 MBH	97 MBH	130 MBH	161 MBH
Net I=B=R	56 MBH	84 MBH	113 MBH	140 MBH
DOE AFUE	91.9%	91.2%	91.4%	91.0%

Data

Vent Size/Material	3 in- PVC/CPVC/ABS/AL29-4C			
Combustion Air Size	3 in			
Water Volume	3.8	4.7	6.0	6.9
Approx. Ship Weight	313	353	423	464

Dimensions

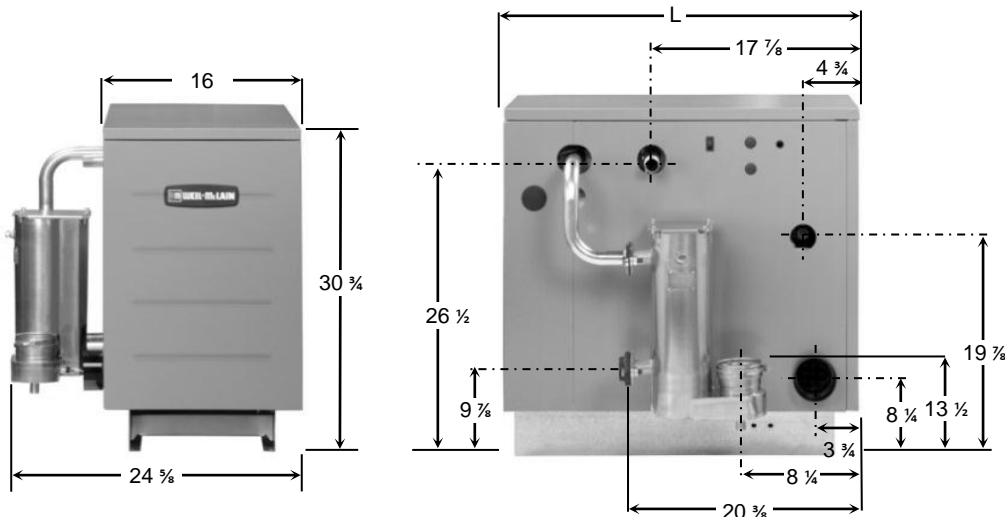
Supply Tapping	1 in	
Return Tapping	1 in	
Gas Connection Size	1/2 in	
Length "L"	30-3/4 in	37-3/4 in
Carton Dimensions	35" L x 30.5" W x 37.5" H	35" L x 30.5" W x 44" H

Standard Equipment

Factory Tested
 Insulated Extended Steel Jacket
 Cast Iron Section with built-in air separator
 Stainless Steel Secondary Heat Exchanger with air separator
 Steel Base
 Control Module with Indicator Lights
 Blower Assembly with Observation Port
 Gas/Air Manifold Assembly
 Gas/Air Orifice Plate for Natural Gas (separate plate furnished for conversion to LP)
 Stainless Steel Burner Cone and Ring Assembly
 Negative Regulation Gas Valve
 Hot Surface Ignition System
 Air Pressure Switch
 System Circulator*
 Built-in Bypass Circulator System with sensor for temperature control*
 Condensate Drain Trap
 Sidewall Vent Termination Kit**
 40VA Transformer
 Electrical Junction Box
 30 PSI ASME Relief Valve (boiler sections & secondary heat exchanger tested for 50 PSI working pressure)
 Water Temperature Limit Switch
 Section Block Temperature Limit Switch
 Combination Pressure-Temperature Gauge
 Drain Valve
 Flue Thermal Fuse
 Water Treatment - Inhibitor & Test Kit

* Circulators supplied with boiler cannot be removed and cannot be used as zone circulators in multiple zone systems.

** Includes inside and outside plates, vent cap, and hardware.





CGi

Induced Draft High Efficiency Gas Boiler

Water (37 - 169 MBH)

Series 3



Part No.	Description - (Input)	Trade
CGi Boilers - Intermittent (Spark) Pilot - Natural Gas		
381-357-856	CGi-25 PIN Blr S3 T-007 (50 MBH)	\$ 2,013
381-357-857	CGi-25 PIN Blr S3 no circ (50 MBH)	\$ 1,927
381-357-858	CGi-3 PIN Blr S3 T-007 (60.3 MBH)	\$ 2,245
381-357-859	CGi-3 PIN Blr S3 no circ (60.3 MBH)	\$ 2,167
381-357-860	CGi-4 PIN Blr S3 T-007 (90 MBH)	\$ 2,460
381-357-861	CGi-4 PIN Blr S3 no circ (90 MBH)	\$ 2,379
381-357-864	CGi-5 PIN Blr S3 T-007 (119.7 MBH)	\$ 2,766
381-357-865	CGi-5 PIN Blr S3 no circ (119.7 MBH)	\$ 2,687
381-357-866	CGi-6 PIN Blr S3 T-007 (167 MBH)	\$ 3,119
381-357-867	CGi-6 PIN Blr S3 no circ (167 MBH)	\$ 3,037
381-357-868	CGi-7 PIN Blr S3 T-007 (200 MBH)	\$ 3,512
381-357-869	CGi-7 PIN Blr S3 no circ (200 MBH)	\$ 3,432
381-357-870	CGi-8 PIN Blr S3 T-007 (233 MBH)	\$ 3,840
381-357-871	CGi-8 PIN Blr S3 no circ (233 MBH)	\$ 3,761

Part No.	Description - (Input)	Trade
CGi Boilers - Intermittent (Spark) Pilot - LP Gas		
381-357-904	CGi-25 PIL Blr S3 T-007 (50 MBH)	\$ 2,013
381-357-905	CGi-25 PIL Blr S3 no circ (50 MBH)	\$ 1,927
381-357-906	CGi-3 PIL Blr S3 T-007 (60.3 MBH)	\$ 2,245
381-357-907	CGi-3 PIL Blr S3 no circ (60.3 MBH)	\$ 2,167
381-357-908	CGi-4 PIL Blr S3 T-007 (100 MBH)	\$ 2,460
381-357-909	CGi-4 PIL Blr S3 no circ (100 MBH)	\$ 2,379
381-357-912	CGi-5 PIL Blr S3 T-007 (119.7 MBH)	\$ 2,766
381-357-913	CGi-5 PIL Blr S3 no circ (119.7 MBH)	\$ 2,687
381-357-914	CGi-6 PIL Blr S3 T-007 (167 MBH)	\$ 3,119
381-357-915	CGi-6 PIL Blr S3 no circ (167 MBH)	\$ 3,037
381-357-916	CGi-7 PIL Blr S3 T-007 (200 MBH)	\$ 3,512
381-357-917	CGi-7 PIL Blr S3 no circ (200 MBH)	\$ 3,432
381-357-918	CGi-8 PIL Blr S3 T-007 (233 MBH)	\$ 3,840
381-357-919	CGi-8 PIL Blr S3 no circ (233 MBH)	\$ 3,761

Bold Indicates Energy Star Products

Standard Equipment

Factory Tested	Blower Assembly	Integrated Control Module
Cast Iron Sections	Thermal Fuse Element	Circulator (when ordered)
Built-in Air Separator	High Limit Temp. Control	Insulated Extended Jacket
30 PSI ASME Relief Valve	Comb. Gas Valve & Regulator	Two-Piece Top Jacket Panel
Drain Valve	40 VA Transformer	Electrical Junction Box
Stainless Steel Burners	Comb. T&P Gauge	Radiation Plates
Air Pressure Switch	Wiring Harness	Flue Gas Collector Assembly

Part No.	Description - (Input)	Trade
CGi High Altitude Boilers - Natural Gas		
381-357-872	CGi-25 PIN Blr S3 T-007 Alt 2-5K	\$ 2,013
381-357-873	CGi-25 PIN Blr S3 T-007 Alt 5-7K	\$ 2,013
381-357-874	CGi-25 PIN Blr S3 T-007 Alt 7-9K	\$ 2,013
381-357-875	CGi-25 PIN Blr S3 T-007 Alt 9-10K	\$ 2,013
381-357-876	CGi-3 PIN Blr S3 T-007 Alt 2-5K	\$ 2,245
381-357-877	CGi-3 PIN Blr S3 T-007 Alt 5-7K	\$ 2,245
381-357-878	CGi-3 PIN Blr S3 T-007 Alt 7-9K	\$ 2,245
381-357-879	CGi-3 PIN Blr S3 T-007 Alt 9-10K	\$ 2,245
381-357-880	CGi-4 PIN Blr S3 T-007 Alt 2-4K	\$ 2,460
381-357-881	CGi-4 PIN Blr S3 T-007 Alt 4-7K	\$ 2,460
381-357-882	CGi-4 PIN Blr S3 T-007 Alt 7-9K	\$ 2,460
381-357-883	CGi-4 PIN Blr S3 T-007 Alt 9-10K	\$ 2,460
381-357-888	CGi-5 PIN Blr S3 T-007 Alt 2-5K	\$ 2,766
381-357-889	CGi-5 PIN Blr S3 T-007 Alt 5-7K	\$ 2,766
381-357-890	CGi-5 PIN Blr S3 T-007 Alt 7-9K	\$ 2,766
381-357-891	CGi-5 PIN Blr S3 T-007 Alt 9-10K	\$ 2,766
381-357-892	CGi-6 PIN Blr S3 T-007 Alt 2-5K	\$ 3,119
381-357-893	CGi-6 PIN Blr S3 T-007 Alt 5-7K	\$ 3,119
381-357-894	CGi-6 PIN Blr S3 T-007 Alt 7-9K	\$ 3,119
381-357-895	CGi-6 PIN Blr S3 T-007 Alt 9-10K	\$ 3,119
381-357-896	CGi-7 PIN Blr S3 T-007 Alt 2-5K	\$ 3,512
381-357-897	CGi-7 PIN Blr S3 T-007 Alt 5-7K	\$ 3,512
381-357-898	CGi-7 PIN Blr S3 T-007 Alt 7-9K	\$ 3,512
381-357-899	CGi-7 PIN Blr S3 T-007 Alt 9-10K	\$ 3,512
381-357-900	CGi-8 PIN Blr S3 T-007 Alt 2-5K	\$ 3,840
381-357-901	CGi-8 PIN Blr S3 T-007 Alt 5-7K	\$ 3,840
381-357-902	CGi-8 PIN Blr S3 T-007 Alt 7-9K	\$ 3,840
381-357-903	CGi-8 PIN Blr S3 T-007 Alt 9-10K	\$ 3,840

Part No.	Description - (Input)	Trade
CGi High Altitude Boilers - LP Gas		
381-357-920	CGi-25 PIL Blr S3 T-007 Alt 2-7K	\$ 2,013
381-357-921	CGi-25 PIL Blr S3 T-007 Alt 7-10K	\$ 2,013
381-357-922	CGi-3 PIL Blr S3 T-007 Alt 2-7K	\$ 2,245
381-357-923	CGi-3 PIL Blr S3 T-007 Alt 7-10K	\$ 2,245
381-357-924	CGi-4 PIL Blr S3 T-007 Alt 2-7K	\$ 2,460
381-357-925	CGi-4 PIL Blr S3 T-007 Alt 7-10K	\$ 2,460
381-357-928	CGi-5 PIL Blr S3 T-007 Alt 2-7K	\$ 2,766
381-357-929	CGi-5 PIL Blr S3 T-007 Alt 7-10K	\$ 2,766
381-357-930	CGi-6 PIL Blr S3 T-007 Alt 2-7K	\$ 3,119
381-357-931	CGi-6 PIL Blr S3 T-007 Alt 7-10K	\$ 3,119
381-357-932	CGi-7 PIL Blr S3 T-007 Alt 2-7K	\$ 3,512
381-357-933	CGi-7 PIL Blr S3 T-007 Alt 7-10K	\$ 3,512
381-357-934	CGi-8 PIL Blr S3 T-007 Alt 2-7K	\$ 3,840
381-357-935	CGi-8 PIL Blr S3 T-007 Alt 7-10K	\$ 3,840

Part No.	Description - (Input)	Trade
CGi High Altitude Kits - Natural Gas		
510-811-230	CGi-25 NG High Alt Kit 2-5K	\$ 76
510-811-231	CGi-25 NG High Alt Kit 5-7K	\$ 76
510-811-232	CGi-25 NG High Alt Kit 7-9K	\$ 76
510-811-233	CGi-25 NG High Alt Kit 9-10K	\$ 76
510-811-234	CGi-3 NG High Alt Kit 2-4K	\$ 76
510-811-235	CGi-3 NG High Alt Kit 4-7K	\$ 76
510-811-236	CGi-3 NG High Alt Kit 7-9K	\$ 76
510-811-237	CGi-3 NG High Alt Kit 9-10K	\$ 76
510-811-238	CGi 4 NG High Alt Kit 2-4K	\$ 76
510-811-239	CGi 4 NG High Alt Kit 4-7K	\$ 76
510-811-240	CGi 4 NG High Alt Kit 7-9K	\$ 76
510-811-241	CGi 4 NG High Alt Kit 9-10K	\$ 76
510-811-242	CGi-5 NG High Alt Kit 2-4K	\$ 76
510-811-243	CGi-5 NG High Alt Kit 4-7K	\$ 76
510-811-244	CGi-5 NG High Alt Kit 7-9K	\$ 76
510-811-245	CGi-5 NG High Alt Kit 9-10K	\$ 76
510-811-246	CGi6-8 NG High Alt Kit 2-4K	\$ 76
510-811-247	CGi6-8 NG High Alt Kit 4-7K	\$ 76
510-811-248	CGi6-8 NG High Alt Kit 7-9K	\$ 76
510-811-249	CGi6-8 NG High Alt Kit 9-10K	\$ 76

Part No.	Description - (Input)	Trade
CGi High Altitude Kits - LP Gas		
510-811-250	CGi-25 LP High Alt Kit 2-7K	\$ 76
510-811-251	CGi-25 LP High Alt Kit 7-10K	\$ 76
510-811-252	CGi-3 LP High Alt Kit 2-7K	\$ 76
510-811-253	CGi-3 LP High Alt Kit 7-10K	\$ 76
510-811-254	CGi 4 LP High Alt Kit 2-7K	\$ 76
510-811-255	CGi 4 LP High Alt Kit 7-10K	\$ 76
510-811-256	CGi-5 LP High Alt Kit 2-7K	\$ 76
510-811-257	CGi-5 LP High Alt Kit 7-10K	\$ 76
510-811-258	CGi 6-8 LP High Alt Kit 2-7K	\$ 76
510-811-259	CGi 6-8 LP High Alt Kit 7-10K	\$ 76

CGi Conversion Kit

510-811-260	CGi-25 NG to LP Conv Kit	\$ 169
510-811-261	CGi-25 LP to NG Conv Kit	\$ 169
510-811-262	CGi-3 & 5 NG to LP Conv Kit	\$ 169
510-811-263	CGi-3 & 5 LP to NG Conv Kit	\$ 169
510-811-264	CGi 4 NG to LP Conv Kit	\$ 169
510-811-265	CGi 4 LP to NG Conv Kit	\$ 169
510-811-266	CGi-6 NG to LP Conv Kit	\$ 169
510-811-267	CGi-6 LP to NG Conv Kit	\$ 169
510-811-268	CGi-7 & 8 NG to LP Conv Kit	\$ 169
510-811-269	CGi-7 & 8 LP to NG Conv Kit	\$ 169

RATINGS

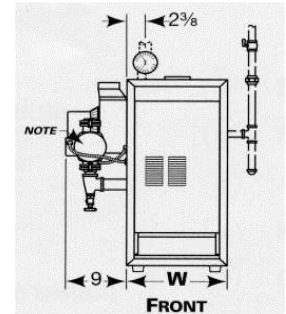
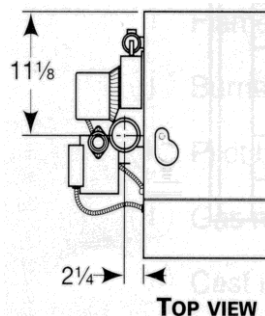
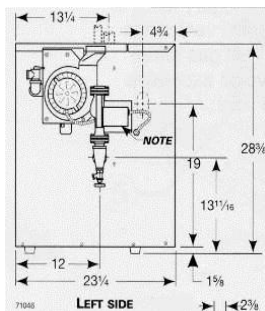
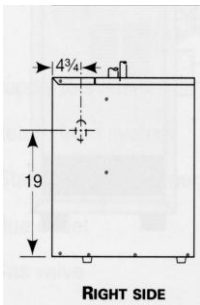
	CGi-25	CGi-3	CGi-4	CGi-5	CGi-6	CGi-7	CGi-8
C.S.A. Input	50 MBH	60 MBH	90 MBH	119 MBH	167 MBH	200 MBH	233 MBH
DOE Heating Cap	42 MBH	51 MBH	76 MBH	100 MBH	140 MBH	167 MBH	194 MBH
Net I=B=R	37 MBH	45 MBH	66 MBH	87 MBH	122 MBH	145 MBH	169 MBH
DOE AFUE	84.0%	85.1%	85.0%	83.3%	83.3%	83.0%	82.7%

DATA

	CGi-25	CGi-3	CGi-4	CGi-5	CGi-6	CGi-7	CGi-8
Direct Exhaust Venting	use 3 inch AL29-4C vent material						
Natural Draft Vent Connector	4 in I.D. (min.size)		5 in I.D. (min.size)				
Water Volume	1.5 Gal	2.1 Gal	2.7 Gal	3.3 Gal	3.8 Gal	4.4 Gal	
Approx. Ship. Weight	200 lbs.	245 lbs.	290 lbs.	335 lbs.	390 lbs.	420 lbs.	

Dimensions

	CGi-25	CGi-3	CGi-4	CGi-5	CGi-6	CGi-7	CGi-8
Supply Tapping	1 1/4 in.						
Supply Pipe Size	3/4 in.	1 in.		1 1/4 in.		1 1/2 in.	
Return Tapping	1 1/4 in.						
Return Pipe Size	3/4 in.	1 in.		1 1/4 in.		1 1/2 in.	
Gas Connection Size	1/2 in. (Natural & Propane Gas)					3/4 in. (Nat. & Prop. Gas)	
Carton Dimensions (L varies)	30" L x 25" W x 35" H			36" L		42" L	
W & H same for all sizes	10 in.			13 in.		16 in.	
"W" Dimension	19 in.		22 in.		25 in.		





CGa

Atmospheric Gas Packaged Boiler

Water (38 - 177 MBH)

Series 2



Part No.	Description - (Input)	Trade
----------	-----------------------	-------

CGa PIDN Boilers - Intermittent (Spark) Pilot - Natural Gas

381-357-800	CGa-25 PIDN Blr S2 T-007 (52 MBH)	\$ 1,890
381-357-801	CGa-25 PIDN Blr S2 no circ (52 MBH)	\$ 1,810
381-357-802	CGa-3 PIDN Blr S2 T-007 (70 MBH)	\$ 2,109
381-357-803	CGa-3 PIDN Blr S2 no circ (70 MBH)	\$ 2,038
381-357-804	CGa-4 PIDN Blr S2 T-007 (105 MBH)	\$ 2,309
381-357-805	CGa-4 PIDN Blr S2 no circ (105 MBH)	\$ 2,236
381-357-806	CGa-5 PIDN Blr S2 T-007 (140 MBH)	\$ 2,599
381-357-807	CGa-5 PIDN Blr S2 no circ (140 MBH)	\$ 2,524
381-357-808	CGa-6 PIDN Blr S2 T-007 (175 MBH)	\$ 2,988
381-357-809	CGa-6 PIDN Blr S2 no circ (175 MBH)	\$ 2,911
381-357-810	CGa-7 PIDN Blr S2 T-007 (210 MBH)	\$ 3,324
381-357-811	CGa-7 PIDN Blr S2 no circ (210 MBH)	\$ 3,290

CGa-8 PIDN Boilers

113-081-388	CGa-8 PIDN wT-007 w /DH (245 MBH)	\$ 3,681
381-357-824	CGa-8 PIDN Blr S2 T-007 no DH	\$ 3,557
450-021-246	CGa-8 Draft Hood-Vert	\$ 124
113-081-389	CGa-8 PIDN no circ w/DH (245 MBH)	\$ 3,602
381-357-825	CGa-8 PIDN Blr S2 no circ/DH	\$ 3,478
450-021-246	CGa-8 Draft Hood-Vert	\$ 124

CGa Kits

Part No.	Description - (Input)	Trade
----------	-----------------------	-------

CGa High Altitude Kits - Natural Gas

381-354-535	CGa25-8 NG High Alt Kit 4.5-7K	\$ 37
381-354-539	CGa25-8 NG High Alt Kit 7-10K	\$ 37

CGa High Altitude Kits - LP Gas

381-354-537	CGa25-8 LP High Alt Kit 4.5-7K	\$ 37
381-354-541	CGa25-8 LP High Alt Kit 7-10K	\$ 37

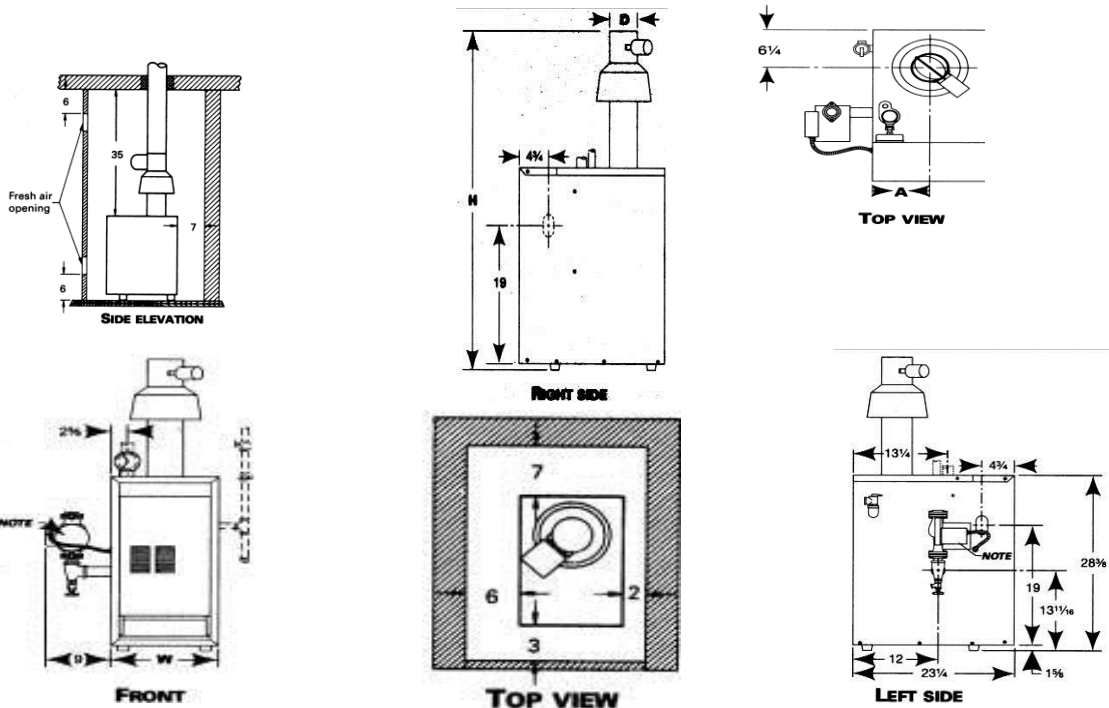
Part No.	Description - (Input)	Trade
----------	-----------------------	-------

CGa PIDL Boilers - Intermittent (Spark) Pilot - LP Gas

381-357-828	CGa-25 PIDL Blr S2 T-007 (52 MBH)	\$ 1,890
381-357-829	CGa-25 PIDL Blr S2 no circ (52 MBH)	\$ 1,810
381-357-830	CGa-3 PIDL Blr S2 T-007 (70 MBH)	\$ 2,109
381-357-831	CGa-3 PIDL Blr S2 no circ (70 MBH)	\$ 2,038
381-357-832	CGa-4 PIDL Blr S2 T-007 (105 MBH)	\$ 2,309
381-357-833	CGa-4 PIDL Blr S2 no circ (105 MBH)	\$ 2,236
381-357-834	CGa-5 PIDL Blr S2 T-007 (140 MBH)	\$ 2,599
381-357-835	CGa-5 PIDL Blr S2 no circ (140 MBH)	\$ 2,524
381-357-836	CGa-6 PIDL Blr S2 T-007 (175 MBH)	\$ 2,988
381-357-837	CGa-6 PIDL Blr S2 no circ (175 MBH)	\$ 2,911
381-357-838	CGa-7 PIDL Blr S2 T-007 (210 MBH)	\$ 3,324
381-357-839	CGa-7 PIDL Blr S2 no circ (210 MBH)	\$ 3,290

CGa-8 PIDL Boilers

113-081-392	CGa-8 PIDL wT-007 w/DH (245 MBH)	\$ 3,681
381-357-852	CGa-8 PIDL Blr S2 T-007 no DH	\$ 3,557
450-021-246	CGa-8 Draft Hood-Vert	\$ 124
113-081-393	CGa-8 PIDL no circ w/DH (245 MBH)	\$ 3,602
381-357-853	CGa-8 PIDL Blr S2 no circ/DH	\$ 3,478
450-021-246	CGa-8 Draft Hood-Vert	\$ 124



CGa - High Altitude ONLY

Part No.	Description - (Input)	Trade
CGa PIDN High Altitude Boilers - Natural Gas		
381-357-812	CGa-25 PIDN Blr S2 T-007 Alt 4.5-7K	\$ 1,890
381-357-813	CGa-25 PIDN Blr S2 T-007 Alt 7-10K	\$ 1,890
381-357-814	CGa-3 PIDN Blr S2 T-007 Alt 4.5-7K	\$ 2,109
381-357-815	CGa-3 PIDN Blr S2 T-007 Alt 7-10K	\$ 2,109
381-357-816	CGa-4 PIDN Blr S2 T-007 Alt 4.5-7K	\$ 2,309
381-357-817	CGa-4 PIDN Blr S2 T-007 Alt 7-10K	\$ 2,309
381-357-818	CGa-5 PIDN Blr S2 T-007 Alt 4.5-7K	\$ 2,599
381-357-819	CGa-5 PIDN Blr S2 T-007 Alt 7-10K	\$ 2,599
381-357-820	CGa-6 PIDN Blr S2 T-007 Alt 4.5-7K	\$ 2,988
381-357-821	CGa-6 PIDN Blr S2 T-007 Alt 7-10K	\$ 2,988
381-357-822	CGa-7 PIDN Blr S2 T-007 Alt 4.5-7K	\$ 3,324
381-357-823	CGa-7 PIDN Blr S2 T-007 Alt 7-10K	\$ 3,324

CGa-8 PIDN High Altitude Boilers		
113-081-390	CGa-8 PIDN w/T-007 w/DH Alt 4.5-7K	\$ 3,681
381-357-826	CGa-8 PIDN Blr S2 T-007 Alt 4.5-7K	\$ 3,557
450-021-246	CGa-8 Draft Hood-Vert	\$ 124
113-081-391	CGa-8 PIDN w/T-007 w/DH Alt 7-10K	\$ 3,681
381-357-827	CGa-8 PIDN Blr S2 T-007 Alt 7-10K	\$ 3,557
450-021-246	CGa-8 Draft Hood-Vert	\$ 124

Part No.	Description - (Input)	Trade
CGa PIDL High Altitude Boilers - LP Gas		
381-357-840	CGa-25 PIDL Blr S2 T-007 Alt 4.5-7K	1890
381-357-841	CGa-25 PIDL Blr S2 T-007 Alt 7-10K	\$ 1,890
381-357-842	CGa-3 PIDL Blr S2 T-007 Alt 4.5-7K	\$ 2,109
381-357-843	CGa-3 PIDL Blr S2 T-007 Alt 7-10K	\$ 2,109
381-357-844	CGa-4 PIDL Blr S2 T-007 Alt 4.5-7K	\$ 2,309
381-357-845	CGa-4 PIDL Blr S2 T-007 Alt 7-10K	\$ 2,309
381-357-846	CGa-5 PIDL Blr S2 T-007 Alt 4.5-7K	\$ 2,599
381-357-847	CGa-5 PIDL Blr S2 T-007 Alt 7-10K	\$ 2,599
381-357-848	CGa-6 PIDL Blr S2 T-007 Alt 4.5-7K	\$ 2,988
381-357-849	CGa-6 PIDL Blr S2 T-007 Alt 7-10K	\$ 2,988
381-357-850	CGa-7 PIDL Blr S2 T-007 Alt 4.5-7K	\$ 3,324
381-357-851	CGa-7 PIDL Blr S2 T-007 Alt 7-10K	\$ 3,324

CGa-8 SPDL High Altitude Boilers		
113-081-394	CGa-8 PIDL w/T-007 w/DH Alt 4.5-7K	\$ 3,681
381-357-854	CGa-8 PIDL Blr S2 T-007 Alt 4.5-7K	\$ 3,557
450-021-246	CGa-8 Draft Hood-Vert	\$ 124
113-081-395	CGa-8 PIDL w/T-007 w/DH Alt 7-10K	\$ 3,681
381-357-855	CGa-8 PIDL Blr S2 T-007 Alt 7-10K	\$ 3,557
450-021-246	CGa-8 Draft Hood-Vert	\$ 124

RATINGS

	CGa-25	CGa-3	CGa-4	CGa-5	CGa-6	CGa-7	CGa-8
C.S.A. Input	52 MBH	70 MBH	105 MBH	140 MBH	175 MBH	210 MBH	245 MBH
DOE Heating Cap	44 MBH	59 MBH	88 MBH	117 MBH	146 MBH	175 MBH	204 MBH
Net I=B=R	38 MBH	51 MBH	77 MBH	102 MBH	127 MBH	152 MBH	177 MBH
DOE AFUE - PIDN	84.0%		83.5%		83.2%		82.7%

Standard Equipment

- Factory Tested
- Cast Iron Sections
- Built-in Air Separator
- 30 PSI ASME Relief Valve
- Drain Valve
- Stainless Steel Burners
- Non-Linting Pilot Burner
- Automatic Vent Damper
- Thermal Fuse Element
- High Limit Temp. Control
- PIDN - Integrated Control Module
- PIDN - 40 VA Transformer
- PIDN - Plug-in Connectors
- Comb. T&P Gauge
- Wiring Harness
- Spill Switch
- Circulator (when ordered)
- Insulated Extended Jacket
- Two-Piece Top Jacket Panel
- Electrical Junction Box
- Radiation Plates
- Vertical Draft Hood

DATA

	CGa-25	CGa-3	CGa-4	CGa-5	CGa-6	CGa-7	CGa-8
I=B=R Chimney Size	4 in. I.D.		5 in. I.D.		6 in. I.D.		7 in. I.D.
I=B=R Chimney Height	20 ft.						
Water Volume	1.5 Gal		2.1 Gal		2.7 Gal		3.3 Gal
Approx. Ship Weight	200 lbs.		245 Lbs.		290 Lbs.		335 Lbs.

DIMENSIONS

	CGa-25	CGa-3	CGa-4	CGa-5	CGa-6	CGa-7	CGa-8
Supply Tapping	1-1/4 in.						
Supply Pipe Size	3/4 in.		1 in.		1-1/4 in.		1-1/2 in.
Return Tapping	1-1/4 in.						
Return Pipe Size	3/4 in.		1 in.		1-1/4 in.		1-1/2 in.
Gas Connection Size	1/2 in. (Natural & Propane Gas)					3/4 in. (Nat & Prop Gas)	
Carton Dimensions (L varies)	30" L x 25" W x 35" H			36" L		42" L	
W & H same for all sizes							
"A" Dimensions	5 in.		6-1/2 in.		8 in.		9-1/2 in.
"D" Dimensions	4 in.		5 in.		6 in.		7 in.
"W" Dimensions	10 in.		13 in.		16 in.		19 in.
"H" Dimensions	45-3/8 in.		52 3/8 in.		54-3/8 in.		57-7/8 in.



CGt

Induced Draft Gas Boiler with Tankless Heater Water (95 MBH) Series 2



Part No.	Description - (Input)	Trade
CGt PIN Boiler - Intermittent (Spark) Pilot - Natural Gas		
381-357-936	CGt-5 PIN Blr S2 T-007 (133 MBH)	\$ 3,254
CGt Conversion Kit		
510-811-925	CGt-5 NG to LP Conv Kit	\$ 173

Ratings

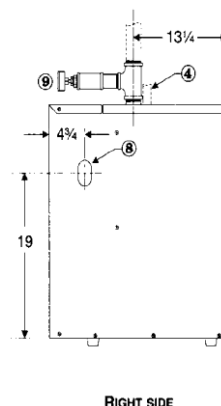
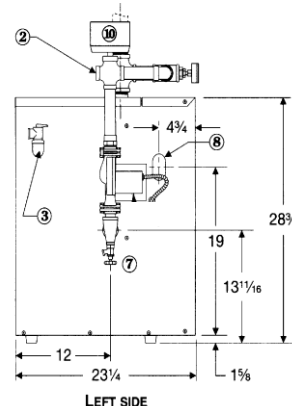
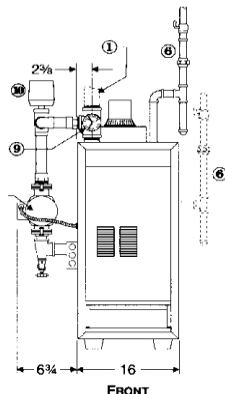
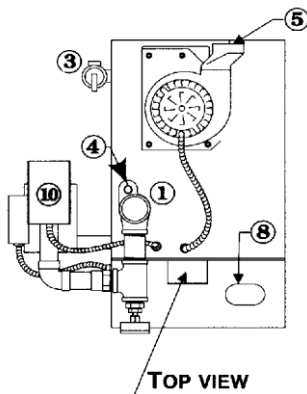
	CGT-5
C.S.A Input	133 MBH
DOE Heating Cap.	109 MBH
Net I=B=R	95 MBH
DOE AFUE	82.1%

Data

	CGT-5
Direct Exhaust Venting	Use 3-inch AL29-4C vent material
atural Draft Vent Connect	5 in. I.D. (min size)
Water Volume	3.1 Gal
Approx. Ship Weight	300 lbs.

Dimensions

	CGT-5
Supply Tapping	1-1/4 in.
Supply Pipe Size	1 in.
DHW Inlet/Outlet Tapping	3/4"
Return Tapping	1 in.
Return Pipe Size	1 in.
Gas Connection Size	1/2 in. (Natural & Propone Gas)
Carton Dimensions	36" L x 25" W x 35" H



- ① Supply connection, 1 1/4" NPT
- ② Return connection, 1" NPT
- ③ Relief valve, 3/4" NPT
- ④ 1/2" NPT to expansion tank/air vent
- ⑤ 3" Diameter vent connection

- ⑥ Gas supply piping
- ⑦ Drain valve
- ⑧ Gas supply entrance (top or side)
- ⑨ Pressure/temperature gauge
- ⑩ 3-way valve

Standard Equipment

- Factory Tested
- Cast Iron Sections
- Built-in Air Separator
- 30 PSI ASME Relief Valve
- Drain Valve
- Stainless Steel Burners
- Non-Linting Pilot Burner
- Blower Assembly

- Thermal Fuse Element
- High Limit Temp. Control
- Comb. Gas Valve & Regulator
- 40 VA Transformer
- Comb. T&P Gauge
- Wiring Harness
- Air Pressure Switch
- Integrated Control Module
- Circulator (when ordered)

- Insulated Extended Jacket
- Two-Piece Top Jacket Panel
- Electrical Junction Box
- Radiation Plates
- Flue Gas Collector Assembly
- 3-way Valve & Piping
- Ambient Temp. Switch
- Tankless Heater & Controls
- Thermostatic Mixing Valve



EG Atmospheric Gas Boiler

Water (55 - 217 MBH) & Steam (47-185 MBH; 196-750 sq.ft.)

Series 5



Part No.	Description	Trade
For a complete EG Boiler, select one item from each Section 1-6 and Trim from Section 7A or 7B		

1. SECTION ASSEMBLY		
321-811-095	EG30-35 S/A no Tnkless Opning	\$ 812
321-811-100	EG-35 S/A - Tnkless Opning	\$ 1,127
321-811-115	EG40-45 S/A no Tnkless Opning	\$ 1,339
321-811-110	EG40-45 S/A - Tnkless Opning	\$ 1,655
321-811-125	EG50-55 S/A no Tnkless Opning	\$ 1,794
321-811-120	EG50-55 S/A - Tnkless Opning	\$ 2,108
321-811-135	EG-65 S/A no Tnkless Opning	\$ 2,127
321-811-130	EG-65 S/A - Tnkless Opning	\$ 2,444
321-811-145	EG-75 S/A no Tnkless Opning	\$ 2,315
321-811-140	EG-75 S/A - Tnkless Opning	\$ 2,633

2. BASE ASSEMBLY		
381-800-827	EG-30 Base Assy (75 MBH)	\$ 172
381-800-828	EG-35 Base Assy (100 MBH)	\$ 377
381-800-829	EG-40 Base Assy (125 MBH)	\$ 158
381-800-830	EG-45 Base Assy (150 MBH)	\$ 391
381-800-831	EG-50 Base Assy (175 MBH)	\$ 145
381-800-832	EG-55 Base Assy (200 MBH)	\$ 305
381-800-833	EG-65 Base Assy (250 MBH)	\$ 418
381-800-834	EG-75 Base Assy (300 MBH)	\$ 379

3. GAS CONTROLS		
381-800-823	EG30-50 PIDN Gas Cntrls	\$ 293
381-800-824	EG-55 PIDN Gas Cntrls	\$ 420
381-800-825	EG-65 PIDN Gas Cntrls	\$ 512
381-800-826	EG-75 PIN Gas Cntrls	\$ 446

4. JACKET		
411-800-075	EG30-35 Jacket	\$ 184
411-800-076	EG40-45 Jacket	\$ 238
411-800-077	EG50-55 Jacket	\$ 270
411-800-078	EG-65 Jacket	\$ 323
411-800-079	EG-75 Jacket	\$ 355

5. DRAFT HOOD		
450-021-255	EG-30 Draft Hood	\$ 54
450-021-256	EG-35 Draft Hood	\$ 54
450-021-257	EG-40 Draft Hood	\$ 54
450-021-258	EG-45 Draft Hood	\$ 54
450-021-259	EG-50 Draft Hood	\$ 54
450-021-260	EG-55 Draft Hood	\$ 54
450-021-261	EG-65 Draft Hood	\$ 59
450-021-262	EG-75 Draft Hood	\$ 68

6. VENT DAMPER		
381-800-475	Vent Damper 5" (EG30-35)	\$ 285
381-800-476	Vent Damper 6" (EG40-45)	\$ 292
381-800-477	Vent Damper 7" (EG50-55)	\$ 292
381-800-478	Vent Damper 8" (EG65-75)	\$ 292

7A. TRIM - STEAM		
381-800-837	EG30-75 Stm Trm PI Hydro 400	\$ 705
381-800-838	EG30-75 Stm Trm PI MM PS-802	\$ 705
381-800-839	EG30-75 Stm Trm PI MM-67W-1Fit	\$ 797

7B. TRIM - WATER		
381-800-835	EG30-75 Wtr Trm PI no Tnkless	\$ 451
381-800-836	EG35-75 Wtr Trm PI - Tnkless	\$ 561

Tankless Heaters		
386-700-350	Stm Tnkless Htr Kit 35-S-29	\$ 321
590-921-904	Wtr Tnkless Htr E-624 (EG35-45)	\$ 240
590-921-905	Wtr Tnkless Htr E-626 (EG50-55)	\$ 240
590-921-901	Wtr Tnkless Htr E-632 (EG65-75)	\$ 240

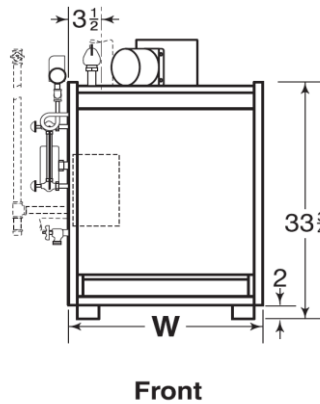
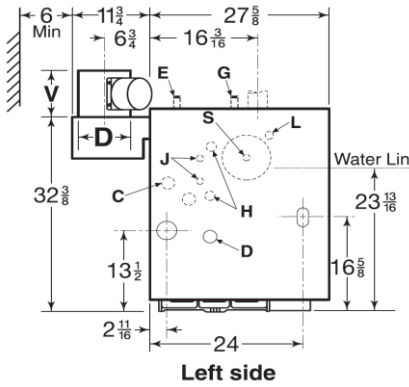
EG Conversion Kits		
381-700-000	EG-EGH High Alt Kit 2-7K	\$ 55
381-700-001	EG-EGH High Alt Kit 7-10K	\$ 44

RATINGS

	EG-30	EG-35	EG-40	EG-45	EG-50	EG-55	EG-65	EG-75
C.S.A. Input	75 MBH	100 MBH	125 MBH	150 MBH	175 MBH	200 MBH	250 MBH	299 MBH
DOE Heating Cap	62 MBH	83 MBH	104 MBH	125 MBH	145 MBH	167 MBH	209 MBH	247 MBH
	47 MBH	62 MBH	78 MBH	94 MBH	109 MBH	125 MBH	157 MBH	185 MBH
Net I=B=R- Steam	196 sq. ft.	258 sq. ft.	325 sq. ft.	392 sq. ft.	454 sq. ft.	521 sq. ft.	654 sq. ft.	750 sq. ft.
Net I=B=R- Water	55 MBH	73 MBH	91 MBH	110 MBH	128 MBH	146 MBH	183 MBH	217 MBH
AFUE- PIDN (Water)	84.3%	83.6%	84.0%	83.5%	83.8%	83.8%	83.0%	82.7%
AFUE- PIDN (Steam)	83.0%	83.6%	82.9%	82.9%	82.8%	82.8%	84.0%	82.4%

DATA

	EG-30	EG-35	EG-40	EG-45	EG-50	EG-55	EG-65	EG-75
I=B=R Chimney Rect.	5 in. I.D. x 20 ft.		6 in. I.D. x 20 ft.		7 in. I.D. x 20 ft.		8 in. I.D. x 20 ft.	
Supply Tappings	2-3 in. NPT Tappings							
Return Tappings	2-2-1/2 in. NPT Tappings							
Gas Connection Size	1/2 in.(Natural & Propane Gas)						3/4 in.(Natural & Propane Gas)	
Water Supply & Return	1 in.			1-1/4 in.		1-1/2 in.		2 in.
Steam Riser & Header	2 in.			2-1/2 in.			3 in.	
Steam Equalizer	1-1/2 in.							
Water Volume - Water	12.3 Gal.		14.8 Gal		17.3 Gal		19.8 Gal	22.3 Gal
Water Volume- Steam	8.4 Gal.		9.8 Gal		11.2 Gal		12.6 Gal	14.0 Gal
Approx. Ship Weight	410 lbs.	410 lbs.	500 lbs.	500 lbs.	590 lbs.	590 lbs.	680 lbs.	755 lbs.



CONTROL TAPPINGS

Location	Size	Steam	Water
C	3/4"	Probe Type Low-Water Cutoff**	Probe Type LWCO (when Used)
D	3/4"	Drain	Drain
E	3/4"	Safety Valve	Safety Relief Valve
G	3/4"	Plugged	Piping to Compression; Tank or Auto. Air Vent
H	1/2"	Gauge Glass and/or Low-Water Cutoff**	Combination T & P gauge
J*	3/8"	Try Cock Tappings	Plugged
L	1/2"	Syphon, Pressure Gauge, High-Limit Control	Combination Pressure-Temperature Gauge
S	1-1/2" (Steam)	Skim Tapping	
	3/4" (Water)		Limit Control

TANKLESS HEATER TAPPINGS

Inlet and Outlet Tappings: Water = 1/2" Steam = 3/4"
 Temp. Control Tapping: Water & Steam = 3/4"

*Available only on special request

**Additional LWCO available - see Index

DIMENSIONS	EG-30	EG-35	EG-40	EG-45	EG-50	EG-55	EG-65	EG-75
"D" Dimension	5 in.		6 in.		7 in.		8 in.	
"V" Dimension	6 in.		6-1/2 in.		9 in.		9-1/2 in.	
"W" Dimension	17 in.		21-1/4 in.		25-1/2 in.		29-3/4 in.	34 in.

EG-30 Steam Boilers*

NO TANKLESS OPENING

Part No.	Description	Trade	Part No.	Description	Trade	Part No.	Description	Trade
118-304-300	EG-30-PIDN no Tnkless Steam Hydro #400	\$ 2,505	118-304-301	EG-30-PIDN no Tnkless Steam	\$ 2,505	118-304-302	EG-30-PIDN no Tnkless Steam MM-67W-1Fit	\$ 2,597
321-811-095	EG30-35 S/A no Tnkless Opning	\$ 812	321-811-095	EG30-35 S/A no Tnkless Opning	\$ 812	321-811-095	EG30-35 S/A no Tnkless Opning	\$ 812
381-800-827	EG-30 Base Assy	\$ 172	381-800-827	EG-30 Base Assy	\$ 172	381-800-827	EG-30 Base Assy	\$ 172
381-800-823	EG30-50 PIDN Gas Cntrls	\$ 293	381-800-823	EG30-50 PIDN Gas Cntrls	\$ 293	381-800-823	EG30-50 PIDN Gas Cntrls	\$ 293
411-800-075	EG30-35 Jacket	\$ 184	411-800-075	EG30-35 Jacket	\$ 184	411-800-075	EG30-35 Jacket	\$ 184
450-021-255	EG-30 Draft Hood	\$ 54	450-021-255	EG-30 Draft Hood	\$ 54	450-021-255	EG-30 Draft Hood	\$ 54
381-800-475	Vent Damper 5"	\$ 285	381-800-475	Vent Damper 5"	\$ 285	381-800-475	Vent Damper 5"	\$ 285
381-800-837	EG30-75 Stm Trm PI Hydro #400	\$ 705	381-800-838	EG30-75 Stm Trm PI MM PS-802	\$ 705	381-800-839	EG30-75 Stm Trm PI MM-67W-1 Fit	\$ 797

EG-30 Water Boilers*

NO TANKLESS OPENING

Part No.	Description	Trade
118-301-300	EG-30-PIDN no Tnkless Water Water Trim	\$ 2,251
321-811-095	EG30-35 S/A no Tnkless Opning	\$ 812
381-800-827	EG-30 Base Assy	\$ 172
381-800-823	EG30-50 PIDN Gas Cntrls	\$ 293
411-800-075	EG30-35 Jacket	\$ 184
450-021-255	EG-30 Draft Hood	\$ 54
381-800-475	Vent Damper 5"	\$ 285
381-800-835	EG30-75 Wtr Trm PI no Tnkless	\$ 451

* For each complete boiler, ship level components are shown that make up the complete boiler as described. The sum of the individual ship level components equals the complete boiler pricing. Boilers may be ordered either by using the complete boiler part number or by the individual ship level component part numbers.

Standard Equipment

- Factory Assembled Block
- Cast Iron Sections
- Built-in Air Separator (water)
- 30 PSI ASME Relief Valve (water)
- 15 PSI ASME Relief Valve (steam)
- Stainless Steel Burners
- Non-Linting Pilot Burner
- Horizontal to Vertical Draft Hood

- PI - Intermittent Electronic Ignition
- Automatic Vent Damper (EG30-65)
- Thermal Fuse Element (EG30-65)
- Spill Switch (EG30-65)
- Comb. Gas Valve & Regulator
- High Limit Temp. Control (water)
- High Limit Pressure Control (steam)
- Comb. Relay&40VA Trans.(water)

- 40VA Transformer (steam)
- Comb. T&P Gauge (water)
- Gauge Cocks and Glass (steam)
- Probe Low Water Cut-Off (steam)
- Pressure Gauge (steam)
- Syphon (steam)
- Insulated Extended Jacket
- Electrical Junction Box

EG-35 Steam Boilers*

NO TANKLESS OPENING

Part No.	Description	Trade
118-354-300	EG-35-PIDN no Tnkless Steam Hydro #400	\$ 2,710
321-811-095	EG30-35 S/A no Tnkless Opning	\$ 812
381-800-828	EG-35 Base Assy	\$ 377
381-800-823	EG30-50 PIDN Gas Cntrls	\$ 293
411-800-075	EG30-35 Jacket	\$ 184
450-021-256	EG-35 Draft Hood	\$ 54
381-800-475	Vent Damper 5"	\$ 285
381-800-837	EG30-75 Stm Trm PI Hydro #400	\$ 705

Part No.	Description	Trade
118-354-301	EG-35-PIDN no Tnkless Steam MM PS-802	\$ 2,710
321-811-095	EG30-35 S/A no Tnkless Opning	\$ 812
381-800-828	EG-35 Base Assy	\$ 377
381-800-823	EG30-50 PIDN Gas Cntrls	\$ 293
411-800-075	EG30-35 Jacket	\$ 184
450-021-256	EG-35 Draft Hood	\$ 54
381-800-475	Vent Damper 5"	\$ 285
381-800-838	EG30-75 Stm Trm PI MM PS-802	\$ 705

Part No.	Description	Trade
118-354-302	EG-35-PIDN no Tnkless Steam MM-67W-1Fit	\$ 2,802
321-811-095	EG30-35 S/A no Tnkless Opning	\$ 812
381-800-828	EG-35 Base Assy	\$ 377
381-800-823	EG30-50 PIDN Gas Cntrls	\$ 293
411-800-075	EG30-35 Jacket	\$ 184
450-021-256	EG-35 Draft Hood	\$ 54
381-800-475	Vent Damper 5"	\$ 285
381-800-839	EG30-75 Stm Trm PI MM-67W-1Fit	\$ 797

EG-35 Steam Boilers*

WITH TANKLESS OPENING

Part No.	Description	Trade
118-355-300	EG-35-PIDN Tnkless Opning Steam Hydro #400	\$ 3,025
321-811-100	EG-35 S/A - Tnkless Opning	\$ 1,127
381-800-828	EG-35 Base Assy	\$ 377
381-800-823	EG30-50 PIDN Gas Cntrls	\$ 293
411-800-075	EG30-35 Jacket	\$ 184
450-021-256	EG-35 Draft Hood	\$ 54
381-800-475	Vent Damper 5"	\$ 285
381-800-837	EG30-75 Stm Trm PI Hydro #400	\$ 705

Part No.	Description	Trade
118-355-301	EG-35-PIDN Tnkless Opning Steam MM PS-802	\$ 3,025
321-811-100	EG-35 S/A - Tnkless Opning	\$ 1,127
381-800-828	EG-35 Base Assy	\$ 377
381-800-823	EG30-50 PIDN Gas Cntrls	\$ 293
411-800-075	EG30-35 Jacket	\$ 184
450-021-256	EG-35 Draft Hood	\$ 54
381-800-475	Vent Damper 5"	\$ 285
381-800-838	EG30-75 Stm Trm PI MM PS-802	\$ 705

Part No.	Description	Trade
118-355-302	EG-35-PIDN Tnkless Opning Steam MM-67W-1Fit	\$ 3,117
321-811-100	EG-35 S/A - Tnkless Opning	\$ 1,127
381-800-828	EG-35 Base Assy	\$ 377
381-800-823	EG30-50 PIDN Gas Cntrls	\$ 293
411-800-075	EG30-35 Jacket	\$ 184
450-021-256	EG-35 Draft Hood	\$ 54
381-800-475	Vent Damper 5"	\$ 285
381-800-839	EG30-75 Stm Trm PI MM-67W-1Fit	\$ 797

EG-35 Water Boilers*

NO TANKLESS OPENING

Part No.	Description	Trade
118-351-300	EG-35-PIDN no Tnkless Water Water Trim	\$ 2,456
321-811-095	EG30-35 S/A no Tnkless Opning	\$ 812
381-800-828	EG-35 Base Assy	\$ 377
381-800-823	EG30-50 PIDN Gas Cntrls	\$ 293
411-800-075	EG30-35 Jacket	\$ 184
450-021-256	EG-35 Draft Hood	\$ 54
381-800-475	Vent Damper 5"	\$ 285
381-800-835	EG30-75 Wtr Trm PI no Tnkless	\$ 451

EG-35 Water Boilers*

WITH TANKLESS OPENING

Part No.	Description	Trade
118-352-300	EG-35-PIDN Tnkless Opnin Water Water Trim	\$ 2,881
321-811-100	EG-35 S/A - Tnkless Opning	\$ 1,127
381-800-828	EG-35 Base Assy	\$ 377
381-800-823	EG30-50 PIDN Gas Cntrls	\$ 293
411-800-075	EG30-35 Jacket	\$ 184
450-021-256	EG-35 Draft Hood	\$ 54
381-800-475	Vent Damper 5"	\$ 285
381-800-836	EG35-75 Wtr Trm PI - Tnkless	\$ 561

EG-40 Steam Boilers*

NO TANKLESS OPENING

Part No.	Description	Trade
118-404-300	EG-40-PIDN no Tnkless Steam Hydro #400	\$ 3,079
321-811-115	EG40-45 S/A no Tnkless Opning	\$ 1,339
381-800-829	EG-40 Base Assy	\$ 158
381-800-823	EG30-50 PIDN Gas Cntrls	\$ 293
411-800-076	EG40-45 Jacket	\$ 238
450-021-257	EG-40 Draft Hood	\$ 54
381-800-476	Vent Damper 6"	\$ 292
381-800-837	EG30-75 Stm Trm PI Hydro #400	\$ 705

Part No.	Description	Trade
118-404-301	EG-40-PIDN no Tnkless Steam MM PS-802	\$ 3,079
321-811-115	EG40-45 S/A no Tnkless Opning	\$ 1,339
381-800-829	EG-40 Base Assy	\$ 158
381-800-823	EG30-50 PIDN Gas Cntrls	\$ 293
411-800-076	EG40-45 Jacket	\$ 238
450-021-257	EG-40 Draft Hood	\$ 54
381-800-476	Vent Damper 6"	\$ 292
381-800-838	EG30-75 Stm Trm PI MM PS-802	\$ 705

Part No.	Description	Trade
118-404-352	EG-40-PIDN no Tnkless Steam MM-67W-1Fit	\$ 3,171
321-811-115	EG40-45 S/A no Tnkless Opning	\$ 1,339
381-800-829	EG-40 Base Assy	\$ 158
381-800-823	EG30-50 PIDN Gas Cntrls	\$ 293
411-800-076	EG40-45 Jacket	\$ 238
450-021-257	EG-40 Draft Hood	\$ 54
381-800-476	Vent Damper 6"	\$ 292
381-800-839	EG30-75 Stm Trm PI MM-67W-1Fit	\$ 797

EG-40 Steam Boilers*

WITH TANKLESS OPENING

Part No.	Description	Trade
118-405-300	EG-40-PIDN Tnkless Opning Steam Hydro #400	\$ 3,395
321-811-110	EG40-45 S/A - Tnkless Opning	\$ 1,655
381-800-829	EG-40 Base Assy	\$ 158
381-800-823	EG30-50 PIDN Gas Cntrls	\$ 293
411-800-076	EG40-45 Jacket	\$ 238
450-021-257	EG-40 Draft Hood	\$ 54
381-800-476	Vent Damper 6"	\$ 292
381-800-837	EG30-75 Stm Trm PI Hydro #400	\$ 705

Part No.	Description	Trade
118-405-301	EG-40-PIDN Tnkless Opning Steam MM PS-802	\$ 3,395
321-811-110	EG40-45 S/A - Tnkless Opning	\$ 1,655
381-800-829	EG-40 Base Assy	\$ 158
381-800-823	EG30-50 PIDN Gas Cntrls	\$ 293
411-800-076	EG40-45 Jacket	\$ 238
450-021-257	EG-40 Draft Hood	\$ 54
381-800-476	Vent Damper 6"	\$ 292
381-800-838	EG30-75 Stm Trm PI MM PS-802	\$ 705

Part No.	Description	Trade
118-405-302	EG-40-PIDN Tnkless Opning Steam MM-67W-1Fit	\$ 3,487
321-811-110	EG40-45 S/A - Tnkless Opning	\$ 1,655
381-800-829	EG-40 Base Assy	\$ 158
381-800-823	EG30-50 PIDN Gas Cntrls	\$ 293
411-800-076	EG40-45 Jacket	\$ 238
450-021-257	EG-40 Draft Hood	\$ 54
381-800-476	Vent Damper 6"	\$ 292
381-800-839	EG30-75 Stm Trm PI MM-67W-1Fit	\$ 797

EG-40 Water Boilers*

NO TANKLESS OPENING

Part No.	Description	Trade
118-401-300	EG-40-PIDN no Tnkless Water Water Trim	\$ 2,825
321-811-115	EG40-45 S/A no Tnkless Opning	\$ 1,339
381-800-829	EG-40 Base Assy	\$ 158
381-800-823	EG30-50 PIDN Gas Cntrls	\$ 293
411-800-076	EG40-45 Jacket	\$ 238
450-021-257	EG-40 Draft Hood	\$ 54
381-800-476	Vent Damper 6"	\$ 292
381-800-835	EG30-75 Wtr Trm PI no Tnkless	\$ 451

EG-40 Water Boilers*

WITH TANKLESS OPENING

Part No.	Description	Trade
118-402-300	EG-40-PIDN Tnkless Opnin Water Water Trim	\$ 3,251
321-811-110	EG40-45 S/A - Tnkless Opning	\$ 1,655
381-800-829	EG-40 Base Assy	\$ 158
381-800-823	EG30-50 PIDN Gas Cntrls	\$ 293
411-800-076	EG40-45 Jacket	\$ 238
450-021-257	EG-40 Draft Hood	\$ 54
381-800-476	Vent Damper 6"	\$ 292
381-800-836	EG35-75 Wtr Trm PI - Tnkless	\$ 561

EG-45 Steam Boilers*

NO TANKLESS OPENING

Part No.	Description	Trade
118-454-300	EG-45-PIDN no Tankless Steam Hydro #400	\$ 3,312
321-811-115	EG40-45 S/A no Tankless Opning	\$ 1,339
381-800-830	EG-45 Base Assy	\$ 391
381-800-823	EG30-50 PIDN Gas Cntrls	\$ 293
411-800-076	EG40-45 Jacket	\$ 238
450-021-258	EG-45 Draft Hood	\$ 54
381-800-476	Vent Damper 6"	\$ 292
381-800-837	EG30-75 Stm Trm PI Hydro #400	\$ 705
118-454-301	EG-45-PIDN no Tankless Steam MM PS-802	\$ 3,312
321-811-115	EG40-45 S/A no Tankless Opning	\$ 1,339
381-800-830	EG-45 Base Assy	\$ 391
381-800-823	EG30-50 PIDN Gas Cntrls	\$ 293
411-800-076	EG40-45 Jacket	\$ 238
450-021-258	EG-45 Draft Hood	\$ 54
381-800-476	Vent Damper 6"	\$ 292
381-800-838	EG30-75 Stm Trm PI MM PS-802	\$ 705
118-454-302	EG-45-PIDN no Tankless Steam MM-67W-1Fit	\$ 3,404
321-811-115	EG40-45 S/A no Tankless Opning	\$ 1,339
381-800-830	EG-45 Base Assy	\$ 391
381-800-823	EG30-50 PIDN Gas Cntrls	\$ 293
411-800-076	EG40-45 Jacket	\$ 238
450-021-258	EG-45 Draft Hood	\$ 54
381-800-476	Vent Damper 6"	\$ 292
381-800-839	EG30-75 Stm Trm PI MM-67W-1Fit	\$ 797

EG-50 Steam Boilers*

NO TANKLESS OPENING

Part No.	Description	Trade
118-504-300	EG-50-PIDN no Tankless Steam Hydro #400	\$ 3,553
321-811-125	EG50-55 S/A no Tankless Opning	\$ 1,794
381-800-831	EG-50 Base Assy	\$ 145
381-800-823	EG30-50 PIDN Gas Cntrls	\$ 293
411-800-077	EG50-55 Jacket	\$ 270
450-021-259	EG-50 Draft Hood	\$ 54
381-800-477	Vent Damper 7"	\$ 292
381-800-837	EG30-75 Stm Trm PI Hydro #400	\$ 705
118-504-301	EG-50-PIDN no Tankless Steam MM PS-802	\$ 3,553
321-811-125	EG50-55 S/A no Tankless Opning	\$ 1,794
381-800-831	EG-50 Base Assy	\$ 145
381-800-823	EG30-50 PIDN Gas Cntrls	\$ 293
411-800-077	EG50-55 Jacket	\$ 270
450-021-259	EG-50 Draft Hood	\$ 54
381-800-477	Vent Damper 7"	\$ 292
381-800-838	EG30-75 Stm Trm PI MM PS-802	\$ 705
118-504-302	EG-50-PIDN no Tankless Steam MM-67W-1Fit	\$ 3,645
321-811-125	EG50-55 S/A no Tankless Opning	\$ 1,794
381-800-831	EG-50 Base Assy	\$ 145
381-800-823	EG30-50 PIDN Gas Cntrls	\$ 293
411-800-077	EG50-55 Jacket	\$ 270
450-021-259	EG-50 Draft Hood	\$ 54
381-800-477	Vent Damper 7"	\$ 292
381-800-839	EG30-75 Stm Trm PI MM-67W-1Fit	\$ 797

EG-45 Steam Boilers*

WITH TANKLESS OPENING

Part No.	Description	Trade
118-455-300	EG-45-PIDN Tankless Opning Steam Hydro #400	\$ 3,628
321-811-110	EG40-45 S/A - Tankless Opning	\$ 1,655
381-800-830	EG-45 Base Assy	\$ 391
381-800-823	EG30-50 PIDN Gas Cntrls	\$ 293
411-800-076	EG40-45 Jacket	\$ 238
450-021-258	EG-45 Draft Hood	\$ 54
381-800-476	Vent Damper 6"	\$ 292
381-800-837	EG30-75 Stm Trm PI Hydro #400	\$ 705
118-455-301	EG-45-PIDN Tankless Opning Steam MM PS-802	\$ 3,628
321-811-110	EG40-45 S/A - Tankless Opning	\$ 1,655
381-800-830	EG-45 Base Assy	\$ 391
381-800-823	EG30-50 PIDN Gas Cntrls	\$ 293
411-800-076	EG40-45 Jacket	\$ 238
450-021-258	EG-45 Draft Hood	\$ 54
381-800-476	Vent Damper 6"	\$ 292
381-800-838	EG30-75 Stm Trm PI MM PS-802	\$ 705
118-455-302	EG-45-PIDN Tankless Opning Steam MM-67W-1Fit	\$ 3,720
321-811-110	EG40-45 S/A - Tankless Opning	\$ 1,655
381-800-830	EG-45 Base Assy	\$ 391
381-800-823	EG30-50 PIDN Gas Cntrls	\$ 293
411-800-076	EG40-45 Jacket	\$ 238
450-021-258	EG-45 Draft Hood	\$ 54
381-800-476	Vent Damper 6"	\$ 292
381-800-839	EG30-75 Stm Trm PI MM-67W-1Fit	\$ 797

EG-50 Steam Boilers*

WITH TANKLESS OPENING

Part No.	Description	Trade
118-505-300	EG-50-PIDN Tankless Opning Steam Hydro #400	\$ 3,867
321-811-120	EG50-55 S/A - Tankless Opning	\$ 2,108
381-800-831	EG-50 Base Assy	\$ 145
381-800-823	EG30-50 PIDN Gas Cntrls	\$ 293
411-800-077	EG50-55 Jacket	\$ 270
450-021-259	EG-50 Draft Hood	\$ 54
381-800-477	Vent Damper 7"	\$ 292
381-800-837	EG30-75 Stm Trm PI Hydro #400	\$ 705
118-505-301	EG-50-PIDN Tankless Opning Steam MM PS-802	\$ 3,867
321-811-120	EG50-55 S/A - Tankless Opning	\$ 2,108
381-800-831	EG-50 Base Assy	\$ 145
381-800-823	EG30-50 PIDN Gas Cntrls	\$ 293
411-800-077	EG50-55 Jacket	\$ 270
450-021-259	EG-50 Draft Hood	\$ 54
381-800-477	Vent Damper 7"	\$ 292
381-800-838	EG30-75 Stm Trm PI MM PS-802	\$ 705
118-505-302	EG-50-PIDN Tankless Opning Steam MM-67W-1Fit	\$ 3,959
321-811-120	EG50-55 S/A - Tankless Opning	\$ 2,108
381-800-831	EG-50 Base Assy	\$ 145
381-800-823	EG30-50 PIDN Gas Cntrls	\$ 293
411-800-077	EG50-55 Jacket	\$ 270
450-021-259	EG-50 Draft Hood	\$ 54
381-800-477	Vent Damper 7"	\$ 292
381-800-839	EG30-75 Stm Trm PI MM-67W-1Fit	\$ 797

EG-45 Water Boilers*

NO TANKLESS OPENING

Part No.	Description	Trade
118-451-300	EG-45-PIDN no Tankless Water Water Trim	\$ 3,058
321-811-115	EG40-45 S/A no Tankless Opning	\$ 1,339
381-800-830	EG-45 Base Assy	\$ 391
381-800-823	EG30-50 PIDN Gas Cntrls	\$ 293
411-800-076	EG40-45 Jacket	\$ 238
450-021-258	EG-45 Draft Hood	\$ 54
381-800-476	Vent Damper 6"	\$ 292
381-800-835	EG30-75 Wtr Trm PI no Tankless	\$ 451

EG-45 Water Boilers*

WITH TANKLESS OPENING

Part No.	Description	Trade
118-452-300	EG-45-PIDN Tankless Opning Water Water Trim	\$ 3,484
321-811-110	EG40-45 S/A - Tankless Opning	\$ 1,655
381-800-830	EG-45 Base Assy	\$ 391
381-800-823	EG30-50 PIDN Gas Cntrls	\$ 293
411-800-076	EG40-45 Jacket	\$ 238
450-021-258	EG-45 Draft Hood	\$ 54
381-800-476	Vent Damper 6"	\$ 292
381-800-836	EG35-75 Wtr Trm PI - Tankless	\$ 561

EG-50 Water Boilers*

NO TANKLESS OPENING

Part No.	Description	Trade
118-501-300	EG-50-PIDN no Tankless Water Water Trim	\$ 3,299
321-811-125	EG50-55 S/A no Tankless Opning	\$ 1,794
381-800-831	EG-50 Base Assy	\$ 145
381-800-823	EG30-50 PIDN Gas Cntrls	\$ 293
411-800-077	EG50-55 Jacket	\$ 270
450-021-259	EG-50 Draft Hood	\$ 54
381-800-477	Vent Damper 7"	\$ 292
381-800-835	EG30-75 Wtr Trm PI no Tankless	\$ 451

EG-50 Water Boilers*

WITH TANKLESS OPENING

Part No.	Description	Trade
118-502-300	EG-50-PIDN Tankless Opning Water Water Trim	\$ 3,723
321-811-120	EG50-55 S/A - Tankless Opning	\$ 2,108
381-800-831	EG-50 Base Assy	\$ 145
381-800-823	EG30-50 PIDN Gas Cntrls	\$ 293
411-800-077	EG50-55 Jacket	\$ 270
450-021-259	EG-50 Draft Hood	\$ 54
381-800-477	Vent Damper 7"	\$ 292
381-800-836	EG35-75 Wtr Trm PI - Tankless	\$ 561

* For each complete boiler, ship level components are shown that make up the complete boiler as described. The sum of the individual ship level components equals the complete boiler pricing. Boilers may be ordered either by using the complete boiler part number or by the individual ship level component part numbers.

EG-55 Steam Boilers*

NO TANKLESS OPENING

Part No.	Description	Trade
118-554-300	EG-55-PIDN no Tnkless Steam Hydro #400	\$ 3,840
321-811-125	EG50-55 S/A no Tnkless Opning	\$ 1,794
381-800-832	EG-55 Base Assy	\$ 305
381-800-824	EG-55 PIDN Gas Cntrls	\$ 420
411-800-077	EG50-55 Jacket	\$ 270
450-021-260	EG-55 Draft Hood	\$ 54
381-800-477	Vent Damper 7"	\$ 292
381-800-837	EG30-75 Stm Trm PI Hydro #400	\$ 705
118-554-301	EG-55-PIDN no Tnkless Steam MM PS-802	\$ 3,840
321-811-125	EG50-55 S/A no Tnkless Opning	\$ 1,794
381-800-832	EG-55 Base Assy	\$ 305
381-800-824	EG-55 PIDN Gas Cntrls	\$ 420
411-800-077	EG50-55 Jacket	\$ 270
450-021-260	EG-55 Draft Hood	\$ 54
381-800-477	Vent Damper 7"	\$ 292
381-800-838	EG30-75 Stm Trm PI MM PS-802	\$ 705
118-554-302	EG-55-PIDN no Tnkless Steam MM-67W-1Fit	\$ 3,932
321-811-125	EG50-55 S/A no Tnkless Opning	\$ 1,794
381-800-832	EG-55 Base Assy	\$ 305
381-800-824	EG-55 PIDN Gas Cntrls	\$ 420
411-800-077	EG50-55 Jacket	\$ 270
450-021-260	EG-55 Draft Hood	\$ 54
381-800-477	Vent Damper 7"	\$ 292
381-800-839	EG30-75 Stm Trm PI MM-67W-1Fit	\$ 797

EG-65 Steam Boilers*

NO TANKLESS OPENING

Part No.	Description	Trade
118-654-300	EG-65-PIDN no Tnkless Steam Hydro #400	\$ 4,436
321-811-135	EG-65 S/A no Tnkless Opning	\$ 2,127
381-800-833	EG-65 Base Assy	\$ 418
381-800-825	EG-65 PIDN Gas Cntrls	\$ 512
411-800-078	EG-65 Jacket	\$ 323
450-021-261	EG-65 Draft Hood	\$ 59
381-800-478	Vent Damper 8"	\$ 292
381-800-837	EG30-75 Stm Trm PI Hydro #400	\$ 705
118-654-301	EG-65-PIDN no Tnkless Steam MM PS-802	\$ 4,436
321-811-135	EG-65 S/A no Tnkless Opning	\$ 2,127
381-800-833	EG-65 Base Assy	\$ 418
381-800-825	EG-65 PIDN Gas Cntrls	\$ 512
411-800-078	EG-65 Jacket	\$ 323
450-021-261	EG-65 Draft Hood	\$ 59
381-800-478	Vent Damper 8"	\$ 292
381-800-838	EG30-75 Stm Trm PI MM PS-802	\$ 705
118-654-302	EG-65-PIDN no Tnkless Steam MM-67W-1Fit	\$ 4,528
321-811-135	EG-65 S/A no Tnkless Opning	\$ 2,127
381-800-833	EG-65 Base Assy	\$ 418
381-800-825	EG-65 PIDN Gas Cntrls	\$ 512
411-800-078	EG-65 Jacket	\$ 323
450-021-261	EG-65 Draft Hood	\$ 59
381-800-478	Vent Damper 8"	\$ 292
381-800-839	EG30-75 Stm Trm PI MM-67W-1Fit	\$ 797

EG-55 Steam Boilers*

WITH TANKLESS OPENING

Part No.	Description	Trade
118-555-300	EG-55-PIDN Tnkless Opning Steam Hydro #400	\$ 4,154
321-811-120	EG50-55 S/A - Tnkless Opning	\$ 2,108
381-800-832	EG-55 Base Assy	\$ 305
381-800-824	EG-55 PIDN Gas Cntrls	\$ 420
411-800-077	EG50-55 Jacket	\$ 270
450-021-260	EG-55 Draft Hood	\$ 54
381-800-477	Vent Damper 7"	\$ 292
381-800-837	EG30-75 Stm Trm PI Hydro #400	\$ 705
118-555-301	EG-55-PIDN Tnkless Opning Steam MM PS-802	\$ 4,154
321-811-120	EG50-55 S/A - Tnkless Opning	\$ 2,108
381-800-832	EG-55 Base Assy	\$ 305
381-800-824	EG-55 PIDN Gas Cntrls	\$ 420
411-800-077	EG50-55 Jacket	\$ 270
450-021-260	EG-55 Draft Hood	\$ 54
381-800-477	Vent Damper 7"	\$ 292
381-800-838	EG30-75 Stm Trm PI MM PS-802	\$ 705
118-555-302	EG-55-PIDN Tnkless Opning Steam MM-67W-1Fit	\$ 4,246
321-811-120	EG50-55 S/A - Tnkless Opning	\$ 2,108
381-800-832	EG-55 Base Assy	\$ 305
381-800-824	EG-55 PIDN Gas Cntrls	\$ 420
411-800-077	EG50-55 Jacket	\$ 270
450-021-260	EG-55 Draft Hood	\$ 54
381-800-477	Vent Damper 7"	\$ 292
381-800-839	EG30-75 Stm Trm PI MM-67W-1Fit	\$ 797

EG-65 Steam Boilers*

WITH TANKLESS OPENING

Part No.	Description	Trade
118-655-300	EG-65-PIDN Tnkless Opning Steam Hydro #400	\$ 4,753
321-811-130	EG-65 S/A - Tnkless Opning	\$ 2,444
381-800-833	EG-65 Base Assy	\$ 418
381-800-825	EG-65 PIDN Gas Cntrls	\$ 512
411-800-078	EG-65 Jacket	\$ 323
450-021-261	EG-65 Draft Hood	\$ 59
381-800-478	Vent Damper 8"	\$ 292
381-800-837	EG30-75 Stm Trm PI Hydro #400	\$ 705
118-655-301	EG-65-PIDN Tnkless Opning Steam MM PS-802	\$ 4,753
321-811-130	EG-65 S/A - Tnkless Opning	\$ 2,444
381-800-833	EG-65 Base Assy	\$ 418
381-800-825	EG-65 PIDN Gas Cntrls	\$ 512
411-800-078	EG-65 Jacket	\$ 323
450-021-261	EG-65 Draft Hood	\$ 59
381-800-478	Vent Damper 8"	\$ 292
381-800-838	EG30-75 Stm Trm PI MM PS-802	\$ 705
118-655-302	EG-65-PIDN Tnkless Opning Steam MM-67W-1Fit	\$ 4,845
321-811-130	EG-65 S/A - Tnkless Opning	\$ 2,444
381-800-833	EG-65 Base Assy	\$ 418
381-800-825	EG-65 PIDN Gas Cntrls	\$ 512
411-800-078	EG-65 Jacket	\$ 323
450-021-261	EG-65 Draft Hood	\$ 59
381-800-478	Vent Damper 8"	\$ 292
381-800-839	EG30-75 Stm Trm PI MM-67W-1Fit	\$ 797

EG-55 Water Boilers*

NO TANKLESS OPENING

Part No.	Description	Trade
118-551-300	EG-55-PIDN no Tnkless Water Water Trim	\$ 3,586
321-811-125	EG50-55 S/A no Tnkless Opning	\$ 1,794
381-800-832	EG-55 Base Assy	\$ 305
381-800-824	EG-55 PIDN Gas Cntrls	\$ 420
411-800-077	EG50-55 Jacket	\$ 270
450-021-260	EG-55 Draft Hood	\$ 54
381-800-477	Vent Damper 7"	\$ 292
381-800-835	EG30-75 Wtr Trm PI no Tnkless	\$ 451

EG-55 Water Boilers*

WITH TANKLESS OPENING

Part No.	Description	Trade
118-552-300	EG-55-PIDN Tnkless Opning Water Water Trim	\$ 4,010
321-811-120	EG50-55 S/A - Tnkless Opning	\$ 2,108
381-800-832	EG-55 Base Assy	\$ 305
381-800-824	EG-55 PIDN Gas Cntrls	\$ 420
411-800-077	EG50-55 Jacket	\$ 270
450-021-260	EG-55 Draft Hood	\$ 54
381-800-477	Vent Damper 7"	\$ 292
381-800-836	EG35-75 Wtr Trm PI - Tnkless	\$ 561

EG-65 Water Boilers*

NO TANKLESS OPENING

Part No.	Description	Trade
118-651-300	EG-65-PIDN no Tnkless Water Water Trim	\$ 4,182
321-811-135	EG-65 S/A no Tnkless Opning	\$ 2,127
381-800-833	EG-65 Base Assy	\$ 418
381-800-825	EG-65 PIDN Gas Cntrls	\$ 512
411-800-078	EG-65 Jacket	\$ 323
450-021-261	EG-65 Draft Hood	\$ 59
381-800-478	Vent Damper 8"	\$ 292
381-800-835	EG30-75 Wtr Trm PI no Tnkless	\$ 451

EG-65 Water Boilers*

WITH TANKLESS OPENING

Part No.	Description	Trade
118-652-300	EG-65-PIDN Tnkless Opning Water Water Trim	\$ 4,609
321-811-130	EG-65 S/A - Tnkless Opning	\$ 2,444
381-800-833	EG-65 Base Assy	\$ 418
381-800-825	EG-65 PIDN Gas Cntrls	\$ 512
411-800-078	EG-65 Jacket	\$ 323
450-021-261	EG-65 Draft Hood	\$ 59
381-800-478	Vent Damper 8"	\$ 292
381-800-836	EG35-75 Wtr Trm PI - Tnkless	\$ 561

* For each complete boiler, ship level components are shown that make up the complete boiler as described. The sum of the individual ship level components equals the complete boiler pricing. Boilers may be ordered either by using the complete boiler part number or by the individual ship level component part numbers.

EG-75 Steam Boilers*

NO TANKLESS OPENING

Part No.	Description	Trade
118-754-300	EG-75-PIDN no Tnkless Steam Hydro #400	\$ 4,560
321-811-145	EG-75 S/A no Tnkless Opning	\$ 2,315
381-800-834	EG-75 Base Assy	\$ 379
381-800-826	EG-75 PIN Gas Cntrls	\$ 446
411-800-079	EG-75 Jacket	\$ 355
450-021-262	EG-75 Draft Hood	\$ 68
381-800-478	Vent Damper 8"	\$ 292
381-800-837	EG30-75 Stm Trm PI Hydro #400	\$ 705
118-754-301	EG-75-PIDN no Tnkless Steam MM PS-802	\$ 4,560
321-811-145	EG-75 S/A no Tnkless Opning	\$ 2,315
381-800-834	EG-75 Base Assy	\$ 379
381-800-826	EG-75 PIN Gas Cntrls	\$ 446
411-800-079	EG-75 Jacket	\$ 355
450-021-262	EG-75 Draft Hood	\$ 68
381-800-478	Vent Damper 8"	\$ 292
381-800-838	EG30-75 Stm Trm PI MM PS-802	\$ 705
118-754-302	EG-75-PIDN no Tnkless Steam MM-67W-1Fit	\$ 4,652
321-811-145	EG-75 S/A no Tnkless Opning	\$ 2,315
381-800-834	EG-75 Base Assy	\$ 379
381-800-826	EG-75 PIN Gas Cntrls	\$ 446
411-800-079	EG-75 Jacket	\$ 355
450-021-262	EG-75 Draft Hood	\$ 68
381-800-478	Vent Damper 8"	\$ 292
381-800-839	EG30-75 Stm Trm PI MM-67W-1Fit	\$ 797

EG-75 Steam Boilers*

WITH TANKLESS OPENING

Part No.	Description	Trade
118-755-300	EG-75-PIDN Tnkless Opning Steam Hydro #400	\$ 4,878
321-811-140	EG-75 S/A - Tnkless Opning	\$ 2,633
381-800-834	EG-75 Base Assy	\$ 379
381-800-826	EG-75 PIN Gas Cntrls	\$ 446
411-800-079	EG-75 Jacket	\$ 355
450-021-262	EG-75 Draft Hood	\$ 68
381-800-478	Vent Damper 8"	\$ 292
381-800-837	EG30-75 Stm Trm PI Hydro #400	\$ 705
118-755-301	EG-75-PIDN Tnkless Opning Steam MM PS-802	\$ 4,878
321-811-140	EG-75 S/A - Tnkless Opning	\$ 2,633
381-800-834	EG-75 Base Assy	\$ 379
381-800-826	EG-75 PIN Gas Cntrls	\$ 446
411-800-079	EG-75 Jacket	\$ 355
450-021-262	EG-75 Draft Hood	\$ 68
381-800-478	Vent Damper 8"	\$ 292
381-800-838	EG30-75 Stm Trm PI MM PS-802	\$ 705
118-755-302	EG-75-PIDN Tnkless Opning Steam MM-67W-1Fit	\$ 4,970
321-811-140	EG-75 S/A - Tnkless Opning	\$ 2,633
381-800-834	EG-75 Base Assy	\$ 379
381-800-826	EG-75 PIN Gas Cntrls	\$ 446
411-800-079	EG-75 Jacket	\$ 355
450-021-262	EG-75 Draft Hood	\$ 68
381-800-478	Vent Damper 8"	\$ 292
381-800-839	EG30-75 Stm Trm PI MM-67W-1Fit	\$ 797

EG-75 Water Boilers*

NO TANKLESS OPENING

Part No.	Description	Trade
118-751-300	EG-75-PIDN no Tnkless Water Water Trim	\$ 4,306
321-811-145	EG-75 S/A no Tnkless Opning	\$ 2,315
381-800-834	EG-75 Base Assy	\$ 379
381-800-826	EG-75 PIN Gas Cntrls	\$ 446
411-800-079	EG-75 Jacket	\$ 355
450-021-262	EG-75 Draft Hood	\$ 68
381-800-478	Vent Damper 8"	\$ 292
381-800-835	EG30-75 Wtr Trm PI no Tnkless	\$ 451

EG-75 Water Boilers*

WITH TANKLESS OPENING

Part No.	Description	Trade
118-752-300	EG-75-PIN Tnkless Opning Water Water Trim	\$ 4,734
321-811-140	EG-75 S/A - Tnkless Opning	\$ 2,633
381-800-834	EG-75 Base Assy	\$ 379
381-800-826	EG-75 PIN Gas Cntrls	\$ 446
411-800-079	EG-75 Jacket	\$ 355
450-021-262	EG-75 Draft Hood	\$ 68
381-800-478	Vent Damper 8"	\$ 292
381-800-836	EG35-75 Wtr Trm PI - Tnkless	\$ 561

* For each complete boiler, ship level components are shown that make up the complete boiler as described. The sum of the individual ship level components equals the complete boiler pricing. Boilers may be ordered either by using the complete boiler part number or by the individual ship level component part numbers.



PEG

Atmospheric Gas Packaged Boiler Steam Only (47 - 157 MBH) Series 5



PEG (Steam Only)

Part No.	Description - (Input)	Trade
PEG Boilers (BOLD number includes items shown below it)		
119-304-325	PEG-30 PIDN (75 MBH)	\$ 2,606
381-900-350	PEG-30 PIDN Stm Blr S5	\$ 2,267
381-800-475	Vent Damper 5" (PEG30-35)	\$ 285
450-021-255	EG-30 Draft Hood	\$ 54
119-354-325	PEG-35 PIDN (100 MBH)	\$ 2,831
381-900-351	PEG-35 PIDN Stm Blr S5	\$ 2,492
381-800-475	Vent Damper 5" (PEG30-35)	\$ 285
450-021-256	EG-35 Draft Hood	\$ 54
119-404-325	PEG-40 PIDN (125 MBH)	\$ 3,216
381-900-352	PEG-40 PIDN Stm Blr S5	\$ 2,870
381-800-476	Vent Damper 6" (PEG40-45)	\$ 292
450-021-257	EG-40 Draft Hood	\$ 54
119-454-325	PEG-45 PIDN (150 MBH)	\$ 3,463
381-900-353	PEG-45 PIDN Stm Blr S5	\$ 3,117
381-800-476	Vent Damper 6" (PEG40-45)	\$ 292
450-021-258	EG-45 Draft Hood	\$ 54

Part No.	Description - (Input)	Trade
PEG Boilers (BOLD number includes items shown below it)		
119-504-325	PEG-50 PIDN (175 MBH)	\$ 3,722
381-900-354	PEG-50 PIDN Stm Blr S5	\$ 3,376
381-800-477	Vent Damper 7" (PEG50-55)	\$ 292
450-021-259	EG-50 Draft Hood	\$ 54
119-554-325	PEG-55 PIDN (200 MBH)	\$ 4,021
381-900-355	PEG-55 PIDN Stm Blr S5	\$ 3,675
381-800-477	Vent Damper 7" (PEG50-55)	\$ 292
450-021-260	EG-55 Draft Hood	\$ 54
119-654-325	PEG-65 PIDN (250 MBH)	\$ 4,583
381-900-356	PEG-65 PIDN Stm Blr S5	\$ 4,232
381-800-478	Vent Damper 8" (PEG50-65)	\$ 292
450-021-261	EG-65 Draft Hood	\$ 59

RATINGS	PEG-30	PEG-35	PEG-40	PEG-45	PEG-50	PEG-55	PEG-65
C.S.A. Input	75 MBH	100 MBH	125 MBH	150 MBH	175 MBH	200 MBH	250 MBH
DOE Heating Cap	62 MBH	83 MBH	104 MBH	125 MBH	145 MBH	167 MBH	209 MBH
Net I=B=R	47 MBH	62 MBH	78 MBH	94 MBH	109 MBH	125 MBH	157 MBH
AFUE -PIDN(Steam)	196 Sq.ft. 83.0%	259 Sq.ft. 82.9%	325 Sq.ft. 82.9%	392 Sq.ft. 82.9%	454 Sq.ft. 82.8%	521 Sq.ft. 82.8%	654 Sq.ft. 83.0%

DATA	PEG-30	PEG-35	PEG-40	PEG-45	PEG-50	PEG-55	PEG-65
I=B=R Chimney-Rect.	5 in. I.D. x 20 Ft.		6 in. I.D. x 20 Ft.		7 in I.D. x 20 ft.		8" I.D. x 20 ft.
Supply Tappings	2 - 3 in. NPT Tappings						
Return Tapping	2 - 2-1/2 in. NPT Tappings						
Gas connection Size	1/2 in. (Natural & Propane Gas)						3/4"
Water Supply & Return	1 in.		1 - 1/4 in.			1-1/2 in.	
Steam Riser & Header	2 in.		2-1/2 in.			3 in.	
Steam Equalizer	1 -1/2 in.						
Water Volume-Steam	8.4 Gal		9.8 Gal.		11.2 Gal		19.8 Gal
Approx. Ship. Weight	410 lbs.	410 lbs.	500 lbs.	500 lbs.	590 lbs.	590 lbs.	680 lbs.
Dimensions	PEG-30	PEG-35	PEG-40	PEG-45	PEG-50	PEG-55	PEG-65
"D" Dimension	5 in.		6 in.		7 in.		8 in.
"V" Dimension	6 in.		6 1/2 in.		9 in.		9 1/2 in
"W" Dimension	17 in.		21 -1/4 in.		25- 1/2 in.		29- 3/4 in.

See "EG Atmospheric Gas Boiler" on page 15 for Standard Equipment,Dimensions, and Tapping Information.



EGH Atmospheric Gas Boiler

Water (243 - 383 MBH) & Steam (210-330 MBH; 875-1,325 sq.ft.)
Series 4



Part No.	Description - (Input)	Trade
For a complete EGH Boiler, select one item from each Section 1-7 and Trim from Section 8A or 8B		

1. SECTION ASSEMBLY		
321-711-105	EGH-85 S/A no Tnkless Opning	\$ 2,797
321-711-100	EGH-85 S/A - Tnkless Opning	\$ 3,408
321-711-115	EGH-95 S/A no Tnkless Opning	\$ 3,210
321-711-110	EGH-95 S/A - Tnkless Opning	\$ 3,820
321-711-125	EGH-105 S/A no Tnkless Opning	\$ 3,795
321-711-120	EGH-105 S/A - Tnkless Opning	\$ 4,406
321-711-135	EGH-115 S/A no Tnkless Opning	\$ 4,180
321-711-130	EGH-115 S/A - Tnkless Opning	\$ 4,792
321-711-145	EGH-125 S/A no Tnkless Opning	\$ 4,610
321-711-140	EGH-125 S/A - Tnkless Opning	\$ 5,220

2. BASE PANELS		
381-700-240	EGH-85 Base Panels	\$ 156
381-700-245	EGH-95 Base Panels	\$ 162
381-700-250	EGH-105 Base Panels	\$ 185
381-700-255	EGH-115 Base Panels	\$ 196
381-700-260	EGH-125 Base Panels	\$ 201

3. BASE ASSEMBLY		
381-700-500	EGH-85 Base Assy (349 MBH)	\$ 412
381-700-501	EGH-95 Base Assy (400 MBH)	\$ 429
381-700-502	EGH-105 Base Assy (450 MBH)	\$ 475
381-700-503	EGH-115 Base Assy (500 MBH)	\$ 458
381-700-504	EGH-125 Base Assy (550 MBH)	\$ 469

4. GAS CONTROLS		
381-700-510	EGH85-95 PIN Gas Cntrls	\$ 592
381-700-513	EGH85-95 SPN Gas Cntrls	\$ 406
381-700-511	EGH105-125 PIN Gas Cntrls	\$ 659
381-700-512	EGH105-125 PIN CSD1 Gas Cntrls	\$ 959

5. JACKET		
411-800-260	EGH-85 Jacket	\$ 384
411-800-270	EGH-95 Jacket	\$ 394
411-800-280	EGH-105 Jacket	\$ 410
411-800-290	EGH-115 Jacket	\$ 428
411-800-300	EGH-125 Jacket	\$ 448

6. DRAFT HOOD		
450-206-240	EGH-85 Draft Hood	\$ 107
450-206-241	EGH-95 Draft Hood	\$ 115
450-206-242	EGH-105 Draft Hood	\$ 113
450-206-243	EGH-115 Draft Hood	\$ 120
450-206-244	EGH-125 Draft Hood	\$ 128

Ratings	EGH-85	EGH-95	EGH-105	EGH-115	EGH-125
C.S.A input	349 MBH	400 MBH	450 MBH	500 MBH	550 MBH
C.S.A Gross output	280MBH	320 MBH	360 MBH	400 MBH	440 MBH
Net I=B=R - Steam	210 MBH	240 MBH	240 MBH	300 MBH	330 MBH
	875 sq.ft.	1000 sq.ft.	1125 sq.ft.	1250 sq.ft.	1375 sq.ft.
Net I=B=R - Water	243 MBH	278 MBH	313 MBH	348 MBH	383 MBH

DATA	EGH-85	EGH-95	EGH-105	EGH-115	EGH-125
I=B=R Chimney-Rect.	9 IN I.D. X 20 FT	10 in I.D. x 20 ft.	12 in I.D. x 20 ft		
Supply Tappings	2 -3 in. NPT Tappings				
Return Tapping	2-2-1/2 in. NPT Tappings				
Gas connection Size	3/4 in.Natural and Propane		1 in. Natural and Propane		
Water Supply & Return	2 in.		2-1/2 in.		
Steam Riser	2 in.		2-1/2 in.		
Steam Header	3 in.			4 in	
Steam Equalizer	3 in			4 in	
Water Volume-Water	24.8 Gal	27.3 Gal	29.8 Gal	32.3 Gal	34.8 Gal
Water Volume-Steam	15.4 Gal	16.8 Gal	18.2 Gal	19.6 Gal	21.0 Gal
Approx. Ship. Weight	870 lbs.	960 lbs.	1040 lbs	1135 lbs.	1215 lbs.

Part No.	Description - (Input)	Trade
For a complete EGH Boiler, select one item from each Section 1-7 and Trim from Section 8A or 8B		

7. COLLECTOR HOOD		
450-014-750	EGH-85 Collector Hood	\$ 45
450-014-751	EGH-95 Collector Hood	\$ 52
450-014-752	EGH-105 Collector Hood	\$ 52
450-014-753	EGH-115 Collector Hood	\$ 58
450-014-754	EGH-125 Collector Hood	\$ 58

(Optional) VENT DAMPER (for PI only)		
381-800-445	Vent Damper 9" (EGH-85)	\$ 334
381-800-446	Vent Damper 10" (EGH95-105)	\$ 363
381-800-447	Vent Damper 12" (EGH115-125)	\$ 399

8A. TRIM - STEAM		
381-700-344	EGH85-125 StmTrmPI Hydro #400	\$ 714
381-700-347	EGH85-125 StmTrmPI MM PS-802	\$ 714
381-700-343	EGH85-125 StmTrmPI MM-67W-1Flt	\$ 809
381-700-408	EGH105-125 StmTrmPI Grvty CSD1**	\$ 879
381-700-410	EGH105-125 StmTrmPI Pump CSD1 *	\$ 879
381-700-342	EGH85-95 StmTrmSP Hydro #400	\$ 671
381-700-346	EGH85-95 StmTrmSP MM PS-802	\$ 671
381-700-341	EGH85-95 StmTrmSP MM-67W-1Flt	\$ 770

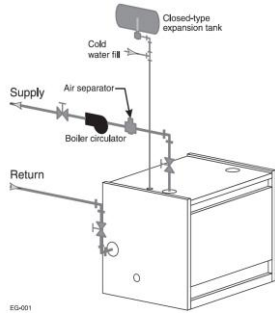
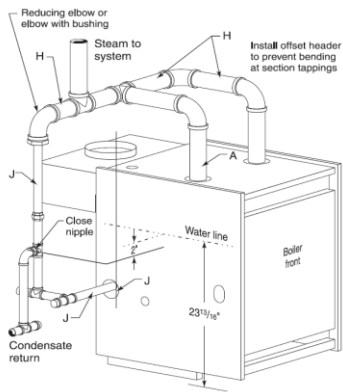
8B. TRIM - WATER		
381-700-336	EGH85-125 WtrTrmPI no Tnkless	\$ 334
381-700-406	EGH105-125 WtrTrmPI noTklcsSD1	\$ 706
381-700-337	EGH85-125 WtrTrmPI - Tnkless	\$ 448
381-700-335	EGH85-95 WtrTrmSP no Tnkless	\$ 285

Tankless Heaters		
386-700-350	Stm Tnkless Htr Kit 35-S-29	\$ 321
590-921-901	Wtr Tnkless Htr E-632	\$ 240

EGH Conversion Kits		
510-811-397	EGH85-95 NG to LP Conv Kit	\$ 291
510-811-390	EGH85-95 PI - NG to LP ConvKit	\$ 531
510-811-391	EGH105-125 PI - NG to LP ConvKit	\$ 543
381-700-000	EG-EGH High Alt Kit 2-7K	\$ 55
381-700-001	EG-EGH High Alt Kit 7-10K	\$ 44

*EGH 105-125 steam trim PI Pump CSD-1 requires additional 42-A LWCO Pump Control P/N 511-114-531
** CSD-1 gravity steam trim also requires additional 67W LWCO(511-113-494) or 51-2 LWCO/feeder(511-114-520)

- Standard Equipment**
- Factory Assembled Block
 - Cast Iron Sections
 - Built-in Air Separator (water)
 - 30 PSI ASME Relief Valve (water)
 - 15 PSI ASME Relief Valve (steam)
 - Stainless Steel Burners
 - SP- Standing Pilot Ignition
 - SP - Thermocouple
 - PI - Intermittent Electronic Ignition
 - Comb. Gas Valve & Regulator
 - High Limit Temp. Control (water)
 - High Limit Pressure Control (steam)
 - Comb. Relay&40VA Trans.(water)
 - 40VA Transformer (steam)
 - Comb. T&P Gauge (water)
 - Gauge Cocks and Glass (steam)
 - Probe Low Water Cut-Off (steam)
 - Pressure Gauge (steam)
 - Syphon (steam)
 - Insulated Extended Jacket
 - Electrical Junction Box
 - Horizontal to Vertical Draft Hood



CONTROL TAPPINGS

Location	Size	Steam	Water
C	3/4"	Probe-Type Low-Water Cutoff	Probe-Type LWCO (when used)
D	3/4"	Drain	Drain
E	3/4"	Safety Valve	Safety Relief Valve
G	3/4"	Plugged	Piping to Compression; Tank or Auto. Air Vent
H	1/2"	Gauge Glass and/or Optional Low-Water Cutoff	Combination Pressure-Temperature Gauge
J*	3/8"	Tri Cock Tappings	Plugged
L	1/4"	Syphon Press. Gauge, High Limit (Probe LWCO)	Combination Pressure-Temperature Gauge
P	1"	Float-Type Low-Water Cutoff, Pressure Limit Control, and Pressure Gauge; or Low-Water Cutoff and Feeder combination; or Low-Water Cutoff and Pump Control	Float-Type Low-Water cutoff; or Low-Water Cutoff and Feeder combination; or Low-Water Cutoff and Pump Control
S	1-1/2" (Steam) 3/4" (Water)	Skim Tapping	Limit Control

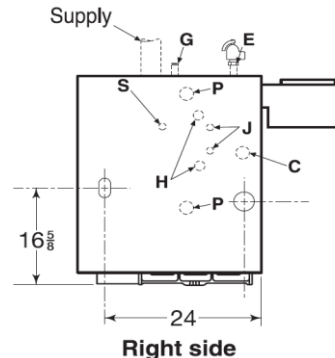
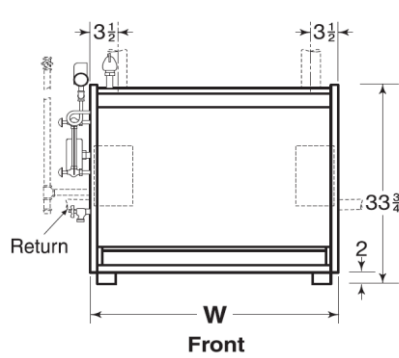
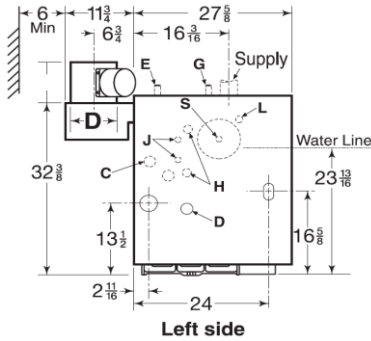
*Available only on special request.
NOTE: Limit control and supply piping must be on the same end of the boiler.

STEAM BOILER SIZE	RISER PIPE SIZE		HEADER* H	EQUALIZER J
	A	B		
EGH-85 and EGH-95	2"	2"	3"	1 1/2"
EGH-105	2 1/2"	2 1/2"	3"	1 1/2"
EGH-115 and EGH-125	2 1/2"	2 1/2"	4"	1 1/2"

WATER BOILER SIZE	PIPE SIZE	
	A (Supply)	B (Return)
EGH-85 and EGH-95	2"	2"
EGH-105 through EGH-125	2 1/2"	2 1/2"

DIMENSIONS

	EGH-85	EGH-95	EGH-105	EGH-115	EGH-125
"D" Dimension	9 in.	10 in.	10 in.	12 in.	12 in.
"W" Dimension	38-1/4 in.	42-1/2 in.	46-3/4 in.	51 in.	55-1/4 in.



EGH-85 Steam Boilers*
NO TANKLESS OPENING

Part No.	Description	Trade	
117-084-330	EGH-85-PIN no Tankless Steam Hydro #400	\$	5,207
321-711-105	EGH-85 S/A no Tankless Opning	\$	2,797
381-700-240	EGH-85 Base Panels	\$	156
381-700-500	EGH-85 Base Assy	\$	412
381-700-510	EGH85-95 PIN Gas Cntrls	\$	592
411-800-260	EGH-85 Jacket	\$	384
450-206-240	EGH-85 Draft Hood	\$	107
450-014-750	EGH-85 Collector Hood	\$	45
381-700-344	EGH85-125 StmTrmPI Hydro #400	\$	714
117-084-331	EGH-85-PIN no Tankless Steam MM PS-802	\$	5,207
321-711-105	EGH-85 S/A no Tankless Opning	\$	2,797
381-700-240	EGH-85 Base Panels	\$	156
381-700-500	EGH-85 Base Assy	\$	412
381-700-510	EGH85-95 PIN Gas Cntrls	\$	592
411-800-260	EGH-85 Jacket	\$	384
450-206-240	EGH-85 Draft Hood	\$	107
450-014-750	EGH-85 Collector Hood	\$	45
381-700-347	EGH85-125 StmTrmPI MM PS-802	\$	714
117-084-332	EGH-85-PIN no Tankless Steam MM-67W-1Fit	\$	5,302
321-711-105	EGH-85 S/A no Tankless Opning	\$	2,797
381-700-240	EGH-85 Base Panels	\$	156
381-700-500	EGH-85 Base Assy	\$	412
381-700-510	EGH85-95 PIN Gas Cntrls	\$	592
411-800-260	EGH-85 Jacket	\$	384
450-206-240	EGH-85 Draft Hood	\$	107
450-014-750	EGH-85 Collector Hood	\$	45
381-700-343	EGH85-125 StmTrmPI MM-67W-1Fit	\$	809

EGH-85 Steam Boilers*
WITH TANKLESS OPENING

Part No.	Description	Trade	
117-085-330	EGH-85-PIN Tankless Opning Steam Hydro #400	\$	5,818
321-711-100	EGH-85 S/A - Tankless Opning	\$	3,408
381-700-240	EGH-85 Base Panels	\$	156
381-700-500	EGH-85 Base Assy	\$	412
381-700-510	EGH85-95 PIN Gas Cntrls	\$	592
411-800-260	EGH-85 Jacket	\$	384
450-206-240	EGH-85 Draft Hood	\$	107
450-014-750	EGH-85 Collector Hood	\$	45
381-700-344	EGH85-125 StmTrmPI Hydro #400	\$	714
117-085-331	EGH-85-PIN Tankless Opning Steam MM PS-802	\$	5,818
321-711-100	EGH-85 S/A - Tankless Opning	\$	3,408
381-700-240	EGH-85 Base Panels	\$	156
381-700-500	EGH-85 Base Assy	\$	412
381-700-510	EGH85-95 PIN Gas Cntrls	\$	592
411-800-260	EGH-85 Jacket	\$	384
450-206-240	EGH-85 Draft Hood	\$	107
450-014-750	EGH-85 Collector Hood	\$	45
381-700-347	EGH85-125 StmTrmPI MM PS-802	\$	714
117-085-332	EGH-85-PIN Tankless Opning Steam MM-67W-1Fit	\$	5,913
321-711-100	EGH-85 S/A - Tankless Opning	\$	3,408
381-700-240	EGH-85 Base Panels	\$	156
381-700-500	EGH-85 Base Assy	\$	412
381-700-510	EGH85-95 PIN Gas Cntrls	\$	592
411-800-260	EGH-85 Jacket	\$	384
450-206-240	EGH-85 Draft Hood	\$	107
450-014-750	EGH-85 Collector Hood	\$	45
381-700-343	EGH85-125 StmTrmPI MM-67W-1Fit	\$	809

EGH-85 Water Boilers*
NO TANKLESS OPENING

Part No.	Description	Trade	
117-081-330	EGH-85-PIN no Tankless Water Water Trim	\$	4,827
321-711-105	EGH-85 S/A no Tankless Opning	\$	2,797
381-700-240	EGH-85 Base Panels	\$	156
381-700-500	EGH-85 Base Assy	\$	412
381-700-510	EGH85-95 PIN Gas Cntrls	\$	592
411-800-260	EGH-85 Jacket	\$	384
450-206-240	EGH-85 Draft Hood	\$	107
450-014-750	EGH-85 Collector Hood	\$	45
381-700-336	EGH85-125 WtrTrmPI no Tankless	\$	334
117-081-340	EGH-85-SPN no Tankless Water Water Trim	\$	4,592
321-711-105	EGH-85 S/A no Tankless Opning	\$	2,797
381-700-240	EGH-85 Base Panels	\$	156
381-700-500	EGH-85 Base Assy	\$	412
381-700-513	EGH85-95 SPN Gas Cntrls	\$	406
411-800-260	EGH-85 Jacket	\$	384
450-206-240	EGH-85 Draft Hood	\$	107
450-014-750	EGH-85 Collector Hood	\$	45
381-700-335	EGH85-95 WtrTrmSP no Tankless	\$	285

117-114-333	EGH-115-PIN Steam	no Tnkless Gravity CSD1	\$ 7,278
321-711-135	EGH-115 S/A no Tnkless Opning		\$ 4,180
381-700-255	EGH-115 Base Panels		\$ 196
381-700-503	EGH-115 Base Assy		\$ 458
381-700-512	EGH105-125 PIN CSD1 Gas Cntrls		\$ 959
411-800-290	EGH-115 Jacket		\$ 428
450-206-243	EGH-115 Draft Hood		\$ 120
450-014-753	EGH-115 Collector Hood		\$ 58
381-700-408	EGH105-125 StmTrmPI Grvty CSD1		\$ 879

EGH-125 Steam Boilers* NO TANKLESS OPENING

Part No.	Description	Trade
117-124-330	EGH-125-PIN Steam	no Tnkless Hydro #400
321-711-145	EGH-125 S/A no Tnkless Opning	\$ 4,610
381-700-260	EGH-125 Base Panels	\$ 201
381-700-504	EGH-125 Base Assy	\$ 469
381-700-511	EGH105-125 PIN Gas Cntrls	\$ 659
411-800-300	EGH-125 Jacket	\$ 448
450-206-244	EGH-125 Draft Hood	\$ 128
450-014-754	EGH-125 Collector Hood	\$ 58
381-700-344	EGH85-125 StmTrmPI Hydro #400	\$ 714
117-124-331	EGH-125-PIN Steam	no Tnkless MM PS-802
321-711-145	EGH-125 S/A no Tnkless Opning	\$ 4,610
381-700-260	EGH-125 Base Panels	\$ 201
381-700-504	EGH-125 Base Assy	\$ 469
381-700-511	EGH105-125 PIN Gas Cntrls	\$ 659
411-800-300	EGH-125 Jacket	\$ 448
450-206-244	EGH-125 Draft Hood	\$ 128
450-014-754	EGH-125 Collector Hood	\$ 58
381-700-347	EGH85-125 StmTrmPI MM PS-802	\$ 714
117-124-332	EGH-125-PIN Steam	no Tnkless MM-67W-1Fit
321-711-145	EGH-125 S/A no Tnkless Opning	\$ 4,610
381-700-260	EGH-125 Base Panels	\$ 201
381-700-504	EGH-125 Base Assy	\$ 469
381-700-511	EGH105-125 PIN Gas Cntrls	\$ 659
411-800-300	EGH-125 Jacket	\$ 448
450-206-244	EGH-125 Draft Hood	\$ 128
450-014-754	EGH-125 Collector Hood	\$ 58
381-700-343	EGH85-125 StmTrmPI MM-67W-1Fit	\$ 809

117-124-333	EGH-125-PIN Steam	no Tnkless Gravity CSD1	\$ 7,752
321-711-145	EGH-125 S/A no Tnkless Opning		\$ 4,610
381-700-260	EGH-125 Base Panels		\$ 201
381-700-504	EGH-125 Base Assy		\$ 469
381-700-512	EGH105-125 PIN CSD1 Gas Cntrls		\$ 959
411-800-300	EGH-125 Jacket		\$ 448
450-206-244	EGH-125 Draft Hood		\$ 128
450-014-754	EGH-125 Collector Hood		\$ 58
381-700-408	EGH105-125 StmTrmPI Grvty CSD1		\$ 879

117-124-334	EGH-125-PIN Steam	no Tnkless Pump CSD1	\$ 7,752
321-711-145	EGH-125 S/A no Tnkless Opning		\$ 4,610
381-700-260	EGH-125 Base Panels		\$ 201
381-700-504	EGH-125 Base Assy		\$ 469
381-700-512	EGH105-125 PIN CSD1 Gas Cntrls		\$ 959
411-800-300	EGH-125 Jacket		\$ 448
450-206-244	EGH-125 Draft Hood		\$ 128
450-014-754	EGH-125 Collector Hood		\$ 58
381-700-410	EGH105-125 StmTrmPI Pump CSD1		\$ 879

117-115-333	EGH-115-PIN Steam	Tnkless Opning Gravity CSD1	\$ 7,890
321-711-130	EGH-115 S/A - Tnkless Opning		\$ 4,792
381-700-255	EGH-115 Base Panels		\$ 196
381-700-503	EGH-115 Base Assy		\$ 458
381-700-512	EGH105-125 PIN CSD1 Gas Cntrls		\$ 959
411-800-290	EGH-115 Jacket		\$ 428
450-206-243	EGH-115 Draft Hood		\$ 120
450-014-753	EGH-115 Collector Hood		\$ 58
381-700-408	EGH105-125 StmTrmPI Grvty CSD1		\$ 879

EGH-125 Steam Boilers* WITH TANKLESS OPENING

Part No.	Description	Trade
117-125-330	EGH-125-PIN Steam	Tnkless Opning Hydro #400
321-711-140	EGH-125 S/A - Tnkless Opning	\$ 5,220
381-700-260	EGH-125 Base Panels	\$ 201
381-700-504	EGH-125 Base Assy	\$ 469
381-700-511	EGH105-125 PIN Gas Cntrls	\$ 659
411-800-300	EGH-125 Jacket	\$ 448
450-206-244	EGH-125 Draft Hood	\$ 128
450-014-754	EGH-125 Collector Hood	\$ 58
381-700-344	EGH85-125 StmTrmPI Hydro #400	\$ 714
117-125-331	EGH-125-PIN Steam	Tnkless Opning MM PS-802
321-711-140	EGH-125 S/A - Tnkless Opning	\$ 5,220
381-700-260	EGH-125 Base Panels	\$ 201
381-700-504	EGH-125 Base Assy	\$ 469
381-700-511	EGH105-125 PIN Gas Cntrls	\$ 659
411-800-300	EGH-125 Jacket	\$ 448
450-206-244	EGH-125 Draft Hood	\$ 128
450-014-754	EGH-125 Collector Hood	\$ 58
381-700-347	EGH85-125 StmTrmPI MM PS-802	\$ 714
117-125-332	EGH-125-PIN Steam	Tnkless Opning MM-67W-1Fit
321-711-140	EGH-125 S/A - Tnkless Opning	\$ 5,220
381-700-260	EGH-125 Base Panels	\$ 201
381-700-504	EGH-125 Base Assy	\$ 469
381-700-511	EGH105-125 PIN Gas Cntrls	\$ 659
411-800-300	EGH-125 Jacket	\$ 448
450-206-244	EGH-125 Draft Hood	\$ 128
450-014-754	EGH-125 Collector Hood	\$ 58
381-700-343	EGH85-125 StmTrmPI MM-67W-1Fit	\$ 809

117-125-333	EGH-125-PIN Steam	Tnkless Opning Gravity CSD1	\$ 8,362
321-711-140	EGH-125 S/A - Tnkless Opning		\$ 5,220
381-700-260	EGH-125 Base Panels		\$ 201
381-700-504	EGH-125 Base Assy		\$ 469
381-700-512	EGH105-125 PIN CSD1 Gas Cntrls		\$ 959
411-800-300	EGH-125 Jacket		\$ 448
450-206-244	EGH-125 Draft Hood		\$ 128
450-014-754	EGH-125 Collector Hood		\$ 58
381-700-408	EGH105-125 StmTrmPI Grvty CSD1		\$ 879

117-125-334	EGH-125-PIN Steam	Tnkless Opning Pump CSD1	\$ 8,362
321-711-140	EGH-125 S/A - Tnkless Opning		\$ 5,220
381-700-260	EGH-125 Base Panels		\$ 201
381-700-504	EGH-125 Base Assy		\$ 469
381-700-512	EGH105-125 PIN CSD1 Gas Cntrls		\$ 959
411-800-300	EGH-125 Jacket		\$ 448
450-206-244	EGH-125 Draft Hood		\$ 128
450-014-754	EGH-125 Collector Hood		\$ 58
381-700-410	EGH105-125 StmTrmPI Pump CSD1		\$ 879

EGH-115 Water Boilers* WITH TANKLESS OPENING

Part No.	Description	Trade
117-112-330	EGH-115-PIN Water	Tnkless Opning Water Trim
321-711-130	EGH-115 S/A - Tnkless Opning	\$ 4,792
381-700-255	EGH-115 Base Panels	\$ 196
381-700-503	EGH-115 Base Assy	\$ 458
381-700-512	EGH105-125 PIN Gas Cntrls	\$ 659
411-800-290	EGH-115 Jacket	\$ 428
450-206-243	EGH-115 Draft Hood	\$ 120
450-014-753	EGH-115 Collector Hood	\$ 58
381-700-337	EGH85-125 WtrTrmPI - Tnkless	\$ 448

EGH-125 Water Boilers* NO TANKLESS OPENING

Part No.	Description	Trade
117-121-330	EGH-125-PIN Water	no Tnkless Water Trim
321-711-145	EGH-125 S/A no Tnkless Opning	\$ 4,610
381-700-260	EGH-125 Base Panels	\$ 201
381-700-504	EGH-125 Base Assy	\$ 469
381-700-511	EGH105-125 PIN Gas Cntrls	\$ 659
411-800-300	EGH-125 Jacket	\$ 448
450-206-244	EGH-125 Draft Hood	\$ 128
450-014-754	EGH-125 Collector Hood	\$ 58
381-700-336	EGH85-125 WtrTrmPI no Tnkless	\$ 334
117-121-335	EGH-125-PIN Water	no Tnkless CSD1 Trim
321-711-145	EGH-125 S/A no Tnkless Opning	\$ 4,610
381-700-260	EGH-125 Base Panels	\$ 201
381-700-504	EGH-125 Base Assy	\$ 469
381-700-512	EGH105-125 PIN CSD1 Gas Cntrls	\$ 959
411-800-300	EGH-125 Jacket	\$ 448
450-206-244	EGH-125 Draft Hood	\$ 128
450-014-754	EGH-125 Collector Hood	\$ 58
381-700-406	EGH105-125 WtrTrmPI noTklisCSD1	\$ 706

EGH-125 Water Boilers* WITH TANKLESS OPENING

Part No.	Description	Trade
117-122-330	EGH-125-PIN Water	Tnkless Opning Water Trim
321-711-140	EGH-125 S/A - Tnkless Opning	\$ 5,220
381-700-260	EGH-125 Base Panels	\$ 201
381-700-504	EGH-125 Base Assy	\$ 469
381-700-511	EGH105-125 PIN Gas Cntrls	\$ 659
411-800-300	EGH-125 Jacket	\$ 448
450-206-244	EGH-125 Draft Hood	\$ 128
450-014-754	EGH-125 Collector Hood	\$ 58
381-700-337	EGH85-125 WtrTrmPI - Tnkless	\$ 448

* For each complete boiler, ship level components are shown that make up the complete boiler as described. The sum of the individual ship level components equals the complete boiler pricing. Boilers may be ordered either by using the complete boiler part number or by the individual ship level component part numbers.



LGB

Atmospheric Gas Boiler

Water (282-2014 MBH) - Steam (243-1799 MBH; 1013-7496 Sq.Ft., Series 2



Size	Steam Boiler Part No.	Water Boiler Part No.	Base Trade Price		Optional Adders to LGB Base Trade Price								
			Steam	Water	Pkg'd Boiler "P"	Factory Assembled Sections "A"	Optional Gas Trains - Choose 1 if required (Trim not included - see chart below)						
			Natural Gas - 7" W.C. LGB-4&5 = 5" W.C.				Nat. Gas 5" W.C.	Propane 11" W.C.	I.R.I.		CSD-1**		
LGB-4	133-044-304	133-041-304	\$ 6,107	\$ 5,611	\$ 3,534	\$ 549	standard	\$ 332	← Not applicable →				
LGB-5	133-054-304	133-051-304	\$ 6,972	\$ 6,476	\$ 3,637	\$ 687	standard	\$ 332	\$ 4,099	\$ 3,542	\$ 701	use 5" W.C.	\$ 895
LGB-6	133-064-304	133-061-304	\$ 8,478	\$ 8,091	\$ 3,871	\$ 825	\$ 74	\$ 335	\$ 3,395	\$ 2,838	\$ 450	\$ 359	\$ 687
LGB-7	133-074-304	133-071-304	\$ 9,547	\$ 9,160	\$ 3,974	\$ 964	\$ 74	\$ 335	\$ 3,395	\$ 2,838	\$ 450	\$ 359	\$ 687
LGB-8	133-084-304	133-081-304	\$ 10,835	\$ 10,395	\$ 4,080	\$ 1,099	\$ 74	\$ 334	\$ 3,507	\$ 3,062	\$ 402	\$ 306	\$ 634
LGB-9	133-094-304	133-091-304	\$ 11,812	\$ 11,372	\$ 4,183	\$ 1,237	\$ 74	\$ 334	\$ 4,161	\$ 3,062	\$ 402	\$ 306	\$ 634
LGB-10	133-104-304	133-101-304	\$ 12,978	\$ 12,599	\$ 4,289	\$ 1,374	\$ 149	\$ 333	\$ 3,897	\$ 2,798	\$ 472	\$ 315	\$ 645
LGB-11	133-114-304	133-111-304	\$ 14,002	\$ 13,623	\$ 4,393	\$ 1,510	\$ 203	\$ 333	\$ 3,897	\$ 3,038	\$ 527	\$ 315	\$ 645
LGB-12	133-124-304	133-121-304	\$ 14,998	\$ 14,619	\$ 4,496	\$ 1,649	\$ 203	\$ 333	\$ 3,897	\$ 3,038	\$ 527	\$ 315	\$ 645
LGB-13	133-134-304	133-131-304	\$ 16,492	\$ 16,008	\$ 4,603	\$ 1,786	\$ 137	\$ 717	\$ 3,715	\$ 2,745	\$ 1,125	\$ 742	\$ 1,396
LGB-14	133-144-304	133-141-304	\$ 17,449	\$ 17,074	\$ 4,705	\$ 1,923	\$ 138	\$ 544	\$ 3,658	\$ 3,301	\$ 1,136	\$ 743	\$ 1,398
LGB-15	133-154-304	133-151-304	\$ 18,372	\$ 17,997	n.a.	n.a.	\$ 145	\$ 660	\$ 3,635	\$ 3,278	\$ 1,153	\$ 754	\$ 1,409
LGB-16	133-164-304	133-161-304	\$ 19,334	\$ 18,959	n.a.	n.a.	\$ 145	\$ 660	\$ 3,635	\$ 3,278	\$ 1,153	\$ 754	\$ 1,409
LGB-17	133-174-304	133-171-304	\$ 20,296	\$ 19,921	n.a.	n.a.	\$ 145	\$ 660	\$ 3,635	\$ 3,278	\$ 1,153	\$ 754	\$ 1,409
LGB-18	133-184-304	133-181-304	\$ 21,671	\$ 21,296	n.a.	n.a.	\$ 219	\$ 659	\$ 3,680	\$ 2,801	\$ 1,213	\$ 719	\$ 1,374
LGB-19	133-194-304	133-191-304	\$ 22,826	\$ 22,451	n.a.	n.a.	\$ 300	\$ 658	\$ 3,423	\$ 2,724	\$ 1,299	\$ 729	\$ 1,382
LGB-20	133-204-304	133-201-304	\$ 23,673	\$ 23,403	n.a.	n.a.	\$ 347	\$ 658	\$ 3,423	\$ 2,724	\$ 1,346	\$ 729	\$ 1,382
LGB-21	133-214-304	133-211-304	\$ 25,078	\$ 24,902	n.a.	n.a.	\$ 396	n.a.	\$ 4,811	\$ 2,724	\$ 4,811	\$ 2,724	n.a.
LGB-22	133-224-304	133-221-304	\$ 26,188	\$ 26,012	n.a.	n.a.	\$ 396	n.a.	\$ 4,811	\$ 2,724	\$ 4,811	\$ 2,724	n.a.
LGB-23	133-234-304	133-231-304	\$ 27,298	\$ 27,122	n.a.	n.a.	\$ 396	n.a.	\$ 4,811	\$ 2,724	\$ 4,811	\$ 2,724	n.a.

* 5.5" W.C. for LGB-21 to LGB-23

** Above 2,500 MBH, F.M. and CSD-1 options are the same as I.R.I. Please order LGB-21 thru 23 as "I.R.I."

Additional Equipment		
Part No.	Description	Trade
510-312-043	Water Temp Control (L4006A1017)	\$100
1 required	- low-high-low firing: LGB-6 thru 12	
1 required	- low-high-low firing: LGB-13 thru 23 I.R.I.	
1 required	- low-high-low firing: LGB-21 thru 23 CSD-1 & FM	
2 required	- staged firing: LGB-13 thru 20 CSD-1	
2 required	- staged firing: LGB-13 thru 23 C.S.A.	
510-312-135	Steam Pressure Control (PA404A1009)	\$106
1 required	- low-high-low firing: LGB-6 thru 12	
1 required	- low-high-low firing: LGB-13 thru 23 I.R.I.	
1 required	- low-high-low firing: LGB-21 thru 23 CSD-1 & FM	
2 required	- staged firing: LGB-13 thru 20 CSD-1	
2 required	- staged firing: LGB-13 thru 23 C.S.A.	

Optional Equipment	Trade Price
Inspection Openings (1-1/2" opening with brass plug; 2 per section)	\$107 per section

LGB BOILER STANDARD EQUIPMENT

- All Boilers**
- Cast Iron Sections
 - Insulated Extended Jacket
 - Aluminized Steel Collector Hood(s) and Draft Hood(s)
 - Boilers tested for 80 P.S.I. Working Pressure
 - Control Transformer - 120/24V
 - Factory-Packaged Burner-Base Assembly(ies):
 - One-Piece Aluminized Steel Burners, Gas Distribution Manifold, Aluminized Steel Base Panels, Hi-Temp. Insulation Board Panels
 - Wiring Harness - Junction Box & Pre-Wired Flexible Conduit
 - Intermittent Electronic Ignition System (UCS) - LGB-4&5
 - Electronic Pilot Burner with Ignition Electrode & Flame Rod
 - Panel with Flame Rectification Electronic Control System for each base assembly - LGB-6 thru 23

- Water Boilers**
- Comb. Operating & High Limit Temp Control - LGB-4 thru 20
 - Operating Temperature Control - LGB-21 thru 23
 - High Limit Temperature Control - LGB-21 thru 23
 - Combination Pressure-Temperature Gauge
 - 30 P.S.I. ASME Relief Valve - Side Outlet
 - Built-In Air Eliminator in End Sections
 - Probe Type Low Water Cut-Off, #PS-851-120 (packaged only)
- Steam Boilers**
- Operating Pressure Control
 - High Limit Pressure Control
 - Compound Pressure-Vacuum Gauge
 - Gauge Cocks, Glass, and Guards
 - 15 P.S.I. ASME Relief Valve - Side Outlet
 - Float Type Low Water Cut-Off - No. 61

Additional Trim for Optional Codes			
	F.M.	I.R.I. & CSD-1	
Water	requires: PS-851-120 LWCO	requires: L4006E1000 & Hydrolevel 45-550 LWCO	
	Gravity or Forced Condensate	Forced Condensate	Gravity Condensate
Steam	Standard Controls	requires: L4079B-1033, 150S-MD LWCO & 63M LWCO	requires: L4079B-1033 & 63M LWCO

See Page 75 & 76 For Pricing

WFFP Flame Guardian® Control Systems		Trade Price Adder	
Part No.	Description	Field Assy.	Packaged
383-300-188	WFFP-1 for LGB-6 thru 12 C.S.A. & CSD-1	\$ 561	\$ 907
383-300-190	WFFP-2 for LGB-13 thru 14 C.S.A. & CSD-1	\$ 750	\$ 1,238
	WFFP-2 for LGB-21 thru 23 C.S.A.		n.a.

WFFP Control System Standard Equipment

- Factory Pre-wired
- Proven Pilot
- Proven Main Flame
- Remote Flame Failure Alarm Terminals
- Power On Switch
- Cabinet & Mounting Bracket
- Door Lock & Key
- Diagnostic Switches
- Terminal Strip Wiring
- Indicating Lamps for:
 - Call for Heat
 - Pilot Proven
 - Flame Failure
 - Main Flame Proven (for each base)

LGB Ratings

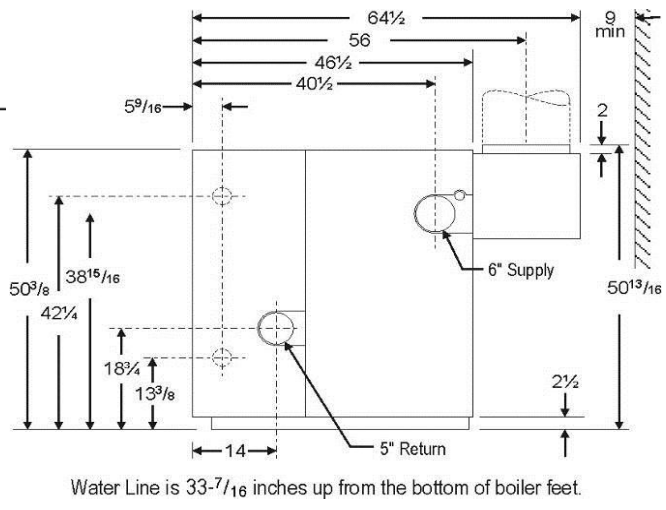
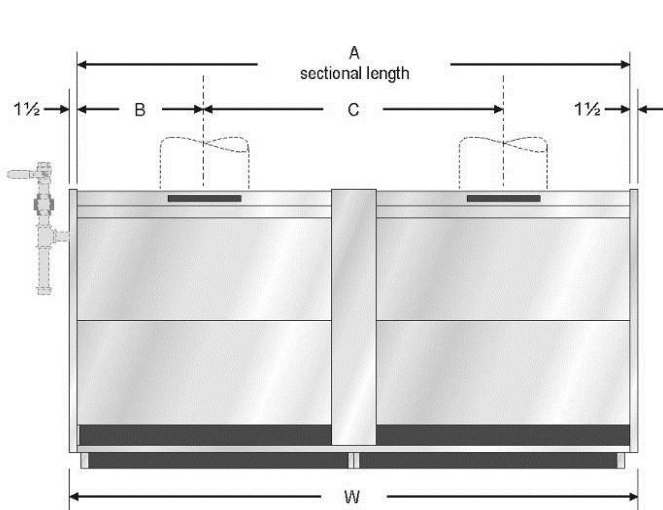
	C.S.A. Input MBH	C.S.A. Gross Output MBH	Net I=B=R Rating			Boiler H.P.	Approx. Shipping Weight lbs.	Draft Hood Outlet(s) Qty. - Size
			Steam MBH	Steam Sq. Ft.	Water MBH			
LGB-4	400	324.0	243	1,013	282	9.7	1,185	1 - 10 in.
LGB-5	520	421.2	316	1,317	366	12.6	1,455	1 - 12 in.
LGB-6	650	526.5	395	1,645	458	15.7	1,725	1 - 12 in.
LGB-7	780	631.8	474	1,975	549	18.9	2,005	1 - 12 in.
LGB-8	910	737.1	553	2,305	641	22.0	2,290	1 - 14 in.
LGB-9	1,040	842.4	632	2,635	733	25.2	2,560	1 - 14 in.
LGB-10	1,170	947.7	711	2,965	824	28.3	2,800	1 - 16 in.
LGB-11	1,300	1,053.0	790	3,290	915	31.5	3,105	1 - 16 in.
LGB-12	1,430	1,158.3	869	3,620	1,007	34.6	3,365	1 - 16 in.
LGB-13	1,560	1,263.6	949	3,955	1,099	37.8	3,785	2 - 12 in.
LGB-14	1,690	1,368.9	1,035	4,315	1,190	40.9	4,085	12 in. & 14 in.
LGB-15	1,820	1,474.2	1,123	4,679	1,282	44.0	4,355	2 - 14 in.
LGB-16	1,950	1,579.5	1,211	5,046	1,373	47.2	4,725	2 - 14 in.
LGB-17	2,080	1,684.8	1,298	5,408	1,465	50.3	4,975	2 - 14 in.
LGB-18	2,210	1,790.1	1,386	5,775	1,557	53.5	5,270	14 in. & 16 in.
LGB-19	2,340	1,895.4	1,470	6,125	1,648	56.6	5,540	2 - 16 in.
LGB-20	2,470	2,000.7	1,553	6,471	1,740	59.8	5,820	2 - 16 in.
LGB-21	2,600	2,106.0	1,635	6,813	1,831	62.9	6,080	2 - 16 in.
LGB-22	2,730	2,211.3	1,717	7,154	1,923	66.1	6,365	2 - 16 in.
LGB-23	2,860	2,316.6	1,799	7,496	2,014	69.2	6,625	2 - 16 in.

LGB Dimensions in inches

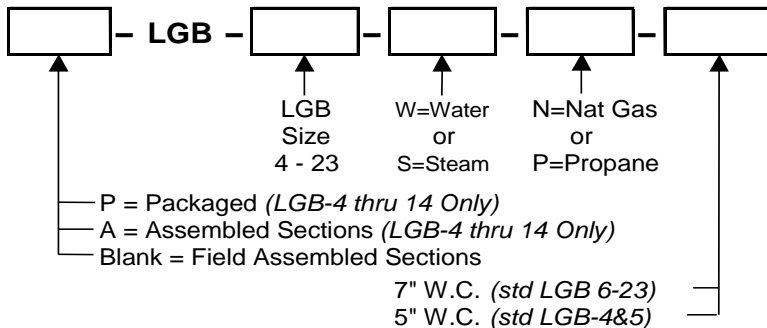
	A	B	C	W
LGB-4	18	9	---	21
LGB-5	23	11-1/2	---	26
LGB-6	28	14	---	31
LGB-7	33	16-1/2	---	36
LGB-8	38	19	---	41
LGB-9	43	21-1/2	---	46
LGB-10	48	24	---	51
LGB-11	53	26-1/2	---	56
LGB-12	58	29	---	61
LGB-13	63	16-1/2	30	66
LGB-14	68	19	32-1/2	71
LGB-15	73	19	35	76
LGB-16	78	21-1/2	37-1/2	81
LGB-17	83	21-1/2	40	86
LGB-18	88	24	42-1/2	91
LGB-19	93	24	45	96
LGB-20	98	26-1/2	47-1/2	101
LGB-21	103	26-1/2	50	106
LGB-22	108	29	52-1/2	111
LGB-23	113	29	55	116

LGB Tappings (LGB-4 thru 23)

Supply Tappings	2 - 6 inch
Return Tappings	2 - 5 inch



LGB Boiler Model Description



Derating for Low Natural Gas Supply Pressures

For Boilers Equipped for Inches W.C.	Actual Inlet Natural Gas Pressure	Derate Multiplier	Resulting Manifold Gas Pressure
7.0" W.C.	6.0" W.C.	0.92	3.0" W.C.
7.0" W.C.	5.5" W.C.	0.88	2.7" W.C.
7.0" W.C.	5.0" W.C.	0.84	2.5" W.C.
7.0" W.C.	4.75" W.C.	0.81	2.3" W.C.
7.0" W.C.	4.5" W.C.	0.80	2.2" W.C.
7.0" W.C.	4.25" W.C.	0.77	2.05" W.C.
7.0" W.C.	4.0" W.C.	0.75	1.95" W.C.
5.0" W.C.	4.75" W.C.	0.96	3.2" W.C.
5.0" W.C.	4.5" W.C.	0.94	3.1" W.C.
5.0" W.C.	4.25" W.C.	0.91	2.9" W.C.
5.0" W.C.	4.0" W.C.	0.89	2.8" W.C.

Gas Train and Control Panel Equipment

Description	LGB-4 thru 5	LGB-6 thru 12	LGB-13 thru 20	LGB-21 thru 23	LGB-5	LGB-6 thru 12	LGB-13 thru 20	LGB-21 thru 23	LGB-5 thru 12	LGB-13 thru 23
	F.M.				F.M.				F.M.	
	C.G.A.				CSD-1				I.R.I.	
Manual Main Shut-Off Valve		1	2	2	1	1	2	1	1	1
Diaphragm Gas Valve w/ Reg. & Pilot Takeoff	1				1					
Diaphragm Gas Valve		1	2	2		1	2			
Diaphragm Gas Valve - 2 Stage with Regulator		1	2	2		1	2	1	1	1
Motorized Gas Valve with Actuator (On/Off)								2	2	2
Low Gas Pressure Switch								1	1	1
High Gas Pressure Switch				2				1	1	1
Normally Open Solenoid Vent Valve									1	1
Manual Leak Checking Gas Valve					1	1	1	1	1	1
Leak Test Cock					2	2	4	3	1	1
Pilot Shutoff Cock		1	2	2	1	1	2	2	1	2
Pilot Solenoid Valve		1	2	2	1	1	2	2	1	2
Pilot Regulator					1	1	2	2	1	2
UCS Control Module	1									
Flame Guardian Control System		1	2	2						
CSD-1 Control Panel					1	1	2			
WMBC-1A Control Panel									1	
WMBC-2A Control Panel								1		1

Notes for Model LGB Boilers

Ratings:

- Net I=B=R water ratings are based on (a) piping and pick-up allowance of 1.15 and (b) 170°F average water temperature in the heat distributing units.
- Net I=B=R steam ratings are based on the following piping and pickup allowances:

LGB 4-12	LGB 13	LGB 14	LGB 15	LGB 16	LGB 17	LGB 18	LGB 19	LGB 20-23
1.333	1.332	1.322	1.312	1.304	1.297	1.292	1.289	1.288

- Water boilers tested for 80 PSIG, ASME water working pressure (for all sections/boilers manufactured after January 1, 2001). Prior to 2001, standard sections/boilers tested at 50 PSIG. 30 PSIG relief valve furnished.
- Steam boilers tested for 15 PSIG, ASME steam working pressure. 15 PSIG relief valve furnished.
- Gas pressures based on minimum pressure required to inlet of gas train under full-flow conditions.
- Ratings shown are for elevations up to 2,000 feet. For elevations above 2,000 feet, reduce published rates by 4 percent for each 1,000 feet above sea level.
- LGB boilers are C.S.A. design certified for installation on non-combustible flooring only.

LWCO, Water Feeders and Pump Controls:

- The following water level controls are recommended for steam boilers:

Primary Water Level Control	61 or 63	150S-MD* or 93*	51-2* or 51-S-2*
Back-up (when required)	61 or 63		

** Indicates these models cannot be used as back-up water level controls.*

- Cast iron water-column pump controls cannot be installed on LGB end sections.
- When using pump control and water feeder control together, install:
 - Pump control on boiler
 - Make-up water feeder on tank
 - DO NOT install combination low water cut-off and feeder as back-up control on boiler. Feeder will operate before pump control.
 - Use separate low water cut-off on boiler when back-up is needed.

F.M. Code Compliance:

- Pricing is for natural gas boilers only. The LGB-4 thru 20 propane option complies with F.M. requirements. Propane is not available for LGB-21 thru LGB-23.
- Components selected in accordance with Factory Mutual requirements and are subject to approval of control system by local F.M. Inspector.

I.R.I. Code Compliance:

- Pricing is for natural gas boilers only. Propane is not available.
- Components selected in accordance with Industrial Risk Insurance Requirements and are subject to approval of control system by local I.R.I. Inspector.

CSD-1 Code Compliance:

- Propane CSD-1 boilers will have standing pilots in addition to CSD-1 requirements. For LGB-5 through LGB-20 boilers, add the propane option. Propane is not available for LGB-21 thru LGB-23.
- Components selected in accordance with CSD-1 requirements and are subject to the approval of control system by local CSD-1 Inspector.

(SERIES 2)

To select a complete LGB boiler, choose the required number of items from each of the categories A thru H for a specific boiler size.

Description	Part No.	Price	Quantity Required to Make a Boiler																						
			4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23			
A. Sections																									
Left End (3314)	313-300-109	\$ 967	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Intermediate (3315)	313-300-110	\$ 688	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21			
Right End (3318)	313-300-111	\$ 967	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
B. Assembly Parts Includes: sealing rope, elastomer seals, construction adhesive, retort cement, cleanout plates, draw rods.																									
A-4 box	383-300-003	\$ 119	1																						
A-5 box	383-300-004	\$ 149		1																					
A-A box	383-300-005	\$ 175			1																				
A-B box	383-300-010	\$ 214				1						2	1												
A-C box	383-300-015	\$ 258					1						1	2	1										
A-D box	383-300-020	\$ 278						1							1	2	1								
A-E box	383-300-025	\$ 311							1								1	2	1						
A-F box	383-300-030	\$ 320								1									1	2	1				
A-G box	383-300-035	\$ 407									1										1	2			
C. Base Assemblies Includes: base panels, base panel insulation, burners.																									
Size 4	383-300-038	\$ 352	1																						
Size 5	383-300-039	\$ 394		1																					
Size A	383-300-040	\$ 422			1																				
Size B	383-300-045	\$ 677				1						2	1												
Size C	383-300-050	\$ 792					1						1	2	1										
Size D	383-300-055	\$ 969						1							1	2	1								
Size E	383-300-060	\$ 1,083							1								1	2	1						
Size F	383-300-065	\$ 1,262								1									1	2	1				
Size G	383-300-070	\$ 1,355										1									1	2			
End Panel	383-300-165	\$ 198	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
D. Jackets Standard components: front & back, right & left side panels, support brackets, rear stiffener and fillers. S thru Y components: crosstie, doors, top panel, interior panel, interior panel brackets. Splice components: front splice, top splice, top and bottom back splice, front and back splice brackets.																									
Standard LGB	413-300-000	\$ 299	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Carton LGB-4	413-300-010	\$ 201	1																						
Carton LGB-5	413-300-011	\$ 249		1																					
Carton LGB-S	413-300-002	\$ 296			1							2	1												
Carton LGB-T	413-300-003	\$ 346				1							1	2	1										
Carton LGB-U	413-300-004	\$ 369					1							1	2	1									
Carton LGB-V	413-300-005	\$ 407						1								1	2	1							
Carton LGB-W	413-300-006	\$ 449							1									1	2	1					
Carton LGB-X	413-300-007	\$ 563								1										1	2				
Carton LGB-Y	413-300-008	\$ 563									1														
Splice Carton LGB	413-300-009	\$ 138										1	1	1	1	1	1	1	1	1	1	1			
E. Collector Hoods																									
Collector Hood 4	450-019-858	\$ 122	1																						
Collector Hood 5	450-019-859	\$ 148		1																					
Collector Hood A	450-019-851	\$ 153			1																				
Collector Hood B	450-019-852	\$ 180				1						2	1												
Collector Hood C	450-019-853	\$ 180					1						1	2	1										
Collector Hood D	450-019-854	\$ 230						1							1	2	1								
Collector Hood E	450-019-855	\$ 251							1								1	2	1						
Collector Hood F	450-019-856	\$ 265								1									1	2	1				
Collector Hood G	450-019-857	\$ 371									1										1	2			

(SERIES 2)

To select a complete LGB boiler, choose the required number of items from each of the categories A thru H for a specific boiler size.

For CSD-1 offerings choose control panel(s) and either 7" W.C., 5" W.C. or Propane Control carton.

Description	Part No.	Price	Quantity Required to Make a Boiler																			
			4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
F. Draft Hoods																						
Draft Hood 4	443-300-098	\$ 85	1																			
Draft Hood 5	443-300-099	\$ 116		1																		
Draft Hood A	443-300-100	\$ 124			1																	
Draft Hood B	443-300-101	\$ 134				1					2	1										
Draft Hood C	443-300-102	\$ 137					1					1	2	1								
Draft Hood D	443-300-103	\$ 141						1						1	2	1						
Draft Hood E	443-300-104	\$ 145							1							1	2	1				
Draft Hood F	443-300-105	\$ 165								1								1	2	1		
Draft Hood G	443-300-106	\$ 187									1									1	2	
G. 7" W.C. Controls																						
7" W.C. A & B	383-300-282	\$ 1,231			1	1																
7" W.C. C & D	383-300-284	\$ 1,593					1	1														
7" W.C. E,F,G	383-300-286	\$ 1,857							1	1	1											
7" W.C. H	383-300-288	\$ 2,301										1										
7" W.C. I	383-300-290	\$ 2,358											1									
7" W.C. J	383-300-292	\$ 2,381												1	1	1						
7" W.C. K	383-300-294	\$ 2,858															1					
7" W.C. L	383-300-296	\$ 3,115																1	1	1	1	
Special Controls	383-300-110	\$ 453																		1	1	
G. 5" W.C. Controls																						
5" W.C. 4 & 5 *	383-300-258	\$ 527	1	1																		
5" W.C. A & B	383-300-260	\$ 1,305			1	1																
5" W.C. C & D	383-300-262	\$ 1,667					1	1														
5" W.C. E	383-300-264	\$ 2,006							1													
5" W.C. F & G	383-300-266	\$ 2,060								1	1											
5" W.C. H	383-300-268	\$ 2,438										1										
5" W.C. I	383-300-270	\$ 2,496											1									
5" W.C. J	383-300-272	\$ 2,526												1	1	1						
5" W.C. K	383-300-274	\$ 3,077															1					
5" W.C. M	383-300-276	\$ 3,415																1				
5" W.C. N	383-300-278	\$ 3,462																	1			
5" W.C. O	383-300-280	\$ 3,511																		1	1	
Special Controls	383-300-110	\$ 453																		1	1	
G. Propane Controls																						
11" W.C. 4 & 5	383-300-368	\$ 859	1	1																		
11" W.C. A & B	383-300-370	\$ 1,566			1	1																
11" W.C. C & D	383-300-372	\$ 1,927					1	1														
11" W.C. E, F & G	383-300-374	\$ 2,190							1	1	1											
11" W.C. H	383-300-376	\$ 3,018										1										
11" W.C. I	383-300-378	\$ 2,902											1									
11" W.C. J	383-300-380	\$ 3,041												1	1	1						
11" W.C. K	383-300-382	\$ 3,517															1					
11" W.C. L	383-300-384	\$ 3,773																1	1	1	1	
Special Controls	383-300-110	\$ 453																		1	1	

(SERIES 2)

To select a complete LGB boiler, choose the required number of items from each of the categories A thru H for a specific boiler size.

For CSD-1 offerings choose control panel(s) and either 7" W.C., 5" W.C. or Propane Control carton.

Description	Part No.	Price	Quantity Required to Make a Boiler																						
			4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23			
G. CSD-1 Control Panel																									
Control Panel, Nat.	383-300-540	\$ 550			1	1	1	1	1	1	1	1	2	2	2	2	2	2	2						
Control Panel, LP	383-300-541	\$ 550			1	1	1	1	1	1	1	1	2	2	2	2	2	2	2						
G. 7" W.C. Controls for CSD-1																									
7" W.C. A & B	383-300-500	\$ 1,040			1	1																			
7" W.C. C & D	383-300-502	\$ 1,349					1	1																	
7" W.C. E, F, G	383-300-504	\$ 1,622								1	1	1													
7" W.C. H	383-300-506	\$ 1,943											1												
7" W.C. I	383-300-508	\$ 2,001												1											
7" W.C. J	383-300-510	\$ 2,035													1	1	1								
7" W.C. K	383-300-512	\$ 2,477																1							
7" W.C. L	383-300-514	\$ 2,744																	1	1					
G. 5" W.C. Controls for CSD-1																									
5"	383-300-255	\$ 1,228		1																					
5" W.C. A & B	383-300-483	\$ 1,131			1	1																			
5" W.C. C & D	383-300-485	\$ 1,445					1	1																	
5" W.C. E	383-300-487	\$ 1,779								1															
5" W.C. F & G	383-300-489	\$ 1,834									1	1													
5" W.C. H	383-300-491	\$ 2,326											1												
5" W.C. I	383-300-493	\$ 2,394												1											
5" W.C. J	383-300-495	\$ 2,434													1	1	1								
5" W.C. K	383-300-496	\$ 2,971																1							
5" W.C. M	383-300-497	\$ 3,314																	1						
5" W.C. N	383-300-498	\$ 3,361																		1					
G. Propane Controls for CSD-1																									
5	383-300-256	\$ 1,422		1																					
A & B	383-300-520	\$ 1,368			1	1																			
C & D	383-300-522	\$ 1,677					1	1																	
E,F,G	383-300-524	\$ 1,952								1	1	1													
H	383-300-526	\$ 2,597											1												
I	383-300-528	\$ 2,656												1											
J	383-300-530	\$ 2,690													1	1	1								
K	383-300-532	\$ 3,132																1							
L	383-300-534	\$ 3,397																	1	1					
H. Water Trim																									
Includes: high limit control, operating control, relief valve, pressure/temperature gauge, wiring harness. Note: F.M., I.R.I., & CSD-1 require additional trim. See applicable chart.																									
Water Trim 4 & 5	383-300-114	\$ 398	1	1																					
Water Trim 6-9	383-300-115	\$ 507			1	1	1	1																	
Water Trim 10-13	383-300-120	\$ 568								1	1	1	1												
Water Trim 14-20	383-300-125	\$ 677												1	1	1	1	1	1	1					
Water Trim 21-23	383-300-130	\$ 771																			1	1	1		
H. Steam Trim																									
Includes: high limit control, operating control, relief valve, pressure gauge, water gauge glass & cocks, wiring harness. Note: F.M., I.R.I., and CSD-1 require additional trim. See applicable chart.																									
Steam Trim 4-7	383-300-135	\$ 593	1	1	1	1																			
Steam Trim 8-12	383-300-140	\$ 646					1	1	1	1	1														
Steam Trim 13-19	383-300-145	\$ 751											1	1	1	1	1	1	1						
Steam Trim 20-23	383-300-150	\$ 646																		1	1	1	1		
#61 LWCO (Steam Only)	511-114-474	\$ 301	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		



PFG Atmospheric Gas Packaged Boiler

Water (215 - 301 MBH)

Series 7



Part No.	Description - (Input)	Trade
PFG Boilers (BOLD number includes items shown below it)		
128-061-308	PFG-6 PIN (305 MBH)	\$ 3,664
382-800-324	PFG-6 PIN Blr S7	\$ 3,547
450-021-201	PFG-6 Draft Hood-Vert	\$ 117
128-061-312	PFG-6 SPN (305 MBH)	\$ 3,450
382-800-321	PFG-6 SPN Blr S7	\$ 3,333
450-021-201	PFG-6 Draft Hood-Vert	\$ 117
128-071-308	PFG-7 PIN (366 MBH)	\$ 4,424
382-800-325	PFG-7 PIN Blr S7	\$ 4,285
450-021-202	PFG-7 Draft Hood-Vert	\$ 139
128-071-312	PFG-7 SPN (366 MBH)	\$ 4,213
382-800-322	PFG-7 SPN Blr S7	\$ 4,074
450-021-202	PFG-7 Draft Hood-Vert	\$ 139
128-081-309	PFG-8R PIN (400 MBH)	\$ 5,154
382-800-327	PFG-8R PIN Blr S7	\$ 5,014
450-021-205	PFG-8/8R Draft Hood-Vert	\$ 140

Part No.	Description - (Input)	Trade
PFG Boilers (BOLD number includes items shown below it)		
128-081-308	PFG-8 PIN (427 MBH)	\$ 5,154
382-800-326	PFG-8 PIN Blr S7	\$ 5,014
450-021-205	PFG-8/8R Draft Hood-Vert	\$ 140
Vent Dampers (for PI only)		
381-800-478	Vent Damper 8" (PFG-6)	\$ 292
381-800-445	Vent Damper 9" (PFG7-8)	\$ 334
PFG High Altitude Kits - Natural Gas		
382-800-317	PFG5-8 NG High Alt Kit 2-7K	\$ 69
382-800-318	PFG5-8 NG High Alt Kit 7-10K	\$ 69
PFG High Altitude Kits - LP Gas		
382-800-319	PFG6-8 LP High Alt Kit 2-7K	\$ 69
382-800-320	PFG6-8 LP High Alt Kit 7-10K	\$ 69
PFG Conversion Kits		
510-811-406	PFG6-7 PI - NG to LP Conv Kit	\$ 465
510-811-405	PFG6-7 SP - NG to LP Conv Kit	\$ 272
510-811-407	PFG8R-8 PI - NG to LP Conv Kit	\$ 488

Ratings

	PFG-6	PFG-7	PFG-8R	PFG-8
C.S.A Input	305 MBH	366 MBH	400 MBH	427 MBH
DOE Heating Cap.	N.A.			
C.S.A. Gross Output	247 MBH	296 MBH	324 MBH	346 MBH
Met I=B=R	215 MBH	257 MBH	282 MBH	301 MBH

DATA

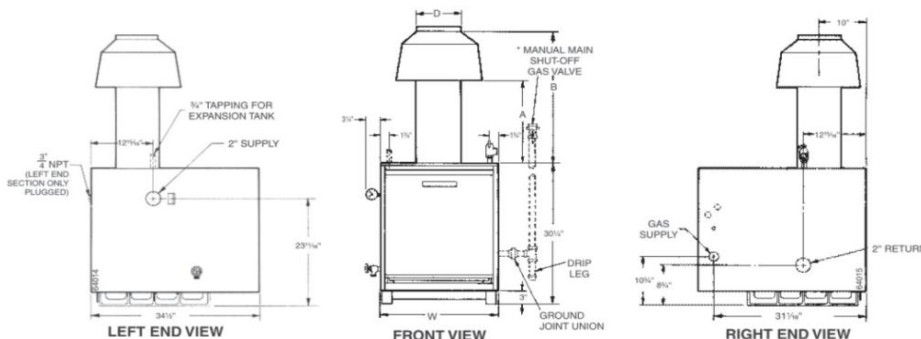
	PFG-6	PFG-7	PFG-8R	PFG-8
I=B=R Chimney Size	8 in I.D.	9 in. I.D.		
I=B=R Chimney Height	20 ft.			
Water Volume	9.6 Gal	10.44 Gal	11.28 Gal	
Appox. Ship Weight	575 lbs.	635 lbs.	699 lbs.	

DIMENSIONS

	PFG-6	PFG-7	PFG-8R	PFG-8
Supply Tapping	2 in.			
Supply Pipe Size	2 in.			
Return Tapping	2 in.			
Return Pipe Size	2 in.			
Gas Connection Size	3/4 (Natural & Propane Gas)		1 in. (Natural & Propane Gas)	
Crate Dimensions (L varies)	38-3/8"L x 25"W x 33-1/2"H	38-3/8"L x 31"W x 33-1/2"H		
W&H Same for all sizes				
"A" Dimension	17-1/4 in.	19-1/2 in.	25 in.	
"B" Dimension	27-1/16 in.	30-3/8 in.	35-7/8 in.	
"D" Dimension	8 in.	9 in.		
"W" Dimension	20-11/16 in.	23-11/16 in.	26-11/16 in.	

Standard Equipment

- Factory Tested
- Cast Iron Sections
- Built-in Air Separator
- 30 PSI ASME Relief Valve
- Drain Valve
- Aluminized Steel Burners
- Non-Linting Pilot Burner
- Optional Vent Damper (PIN only)
- Auto. Vent Damper (PIDN-5 only)
- Thermal Fuse Element (PFG-5 only)
- High Limit Temp. Control
- Comb. Gas Valve & Regulator
- SPN - Standing Pilot Ignition
- SPN - Thermocouple
- PI - Intermittent Electronic Ignition
- Comb. T&P Gauge
- Insulated Extended Jacket
- Spill Switch (PFG-5 only)
- Radiation Plates
- Vertical Draft Hood





Ultra Commercial

Featuring **UControl**
Flexibility



Standard Equipment

High-Efficiency Gas Boiler Minimum Efficiency: 93.6%

Part No.	Description – (Input)	Trade
Ultra Commercial Boilers		
383-600-010	Ultra Commercial 550	\$15,245
383-600-011	Ultra Commercial 750	\$18,671

Optional Equipment

383-600-064	Pressure Relief Valve 50 PSI	\$ 69
383-600-065	Pressure Relief Valve 80 PSI	\$ 69
383-600-080	Intake Air Filter Kit for Direct	\$ 135
383-600-076	Condensate Neutralizer Kit	\$ 65
383-600-079	Maintenance Kit	\$ 85

Boiler

Sectional Aluminum Block
30 PSI ASME Relief Valve Standard
Optional 50 & 80 PSI
Stainless Steel Burner
with woven steel fiber mesh
Direct Spark Ignition
Variable Speed Blower Assembly
Venturi Mixing System with Air Silencer
Negative Pressure Regulated Gas Valve
50 VA Transformer
Dual Scale Temp. & Pressure Gauge
Outlet Water Temp. Sensor
Inlet Water Temp. Sensor
Flue Gas Temp. Sensor
Outdoor Temp. Sensor
System Water Temp. Sensors
Integrated Drain in Vent Adapters

CSD-1 Compliant

Manual Reset LWCO
Manual Reset High Limit
High & Low Gas Pressure Switches
(manual reset)
UL 353 Certified U-Control

Complete Jacket Assembly with

Fully Removable Jacket Front
On/Off Power Switch
Line Voltage Service Receptacle
Condensate Trap with Drain Tee Assembly
Propane Conversion Orifice
Vent Screens

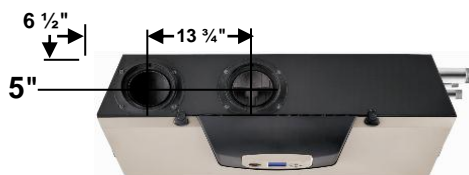


Module

3.5" LCD Display
Three Boiler Priorities
with Multiple Preset System Configurations
Color-coded Removable Terminal Blocks
Multiple Boiler Functionality
Alarm Control Functionality
Ignition Control
High Limit & Modulating Temp. Control
Low Water Protection
Outdoor Reset
Manual Reset
Warm Weather Shutdown
Adjustable Priorities
Ability to Control
any Combination of 4 Circulators



FRONT



TOP

Ratings							Data						Dimensions	
Model	Part Number	CSA Input Maximum (MBH)	CSA Input Minimum (MBH)	CSA Gross Output	Net I=B=R	IBR Combustion	Vent Size up to 100'	Vent Material	Combustion Air up to 100'	Water Volume (Gal)	Minimum Gas Pressure	Approx. Shipping Weight (Lbs)	Supply/Return Tappings	Gas Connection Size
550	383-600-010	550	110	517	450	93.9%	94.7%	PVC	6"	5.5	3.5"	505	2"	1 1/4"
750	383-600-011	750	150	702	610	93.6%	94.0%	PVC	6" or 8"	6.5	3.5"	550	2"	1 1/4"



Ultra Oil

Chimney or Direct Vent Oil Boiler

Water (85 - 150 MBH)

Series 1



Part No.	Description - (Input)	Trade
Ultra Oil Boilers - Packaged - No Burner		
386-901-000	UO-3 Blr w/circ .80 GPH ¹ & 1.0 GPH	\$ 2,175
386-901-001	UO-4 Blr w/circ 1.20 GPH (168 MBH)	\$ 2,553
386-901-002	UO-5 Blr w/circ 1.40 GPH (196 MBH)	\$ 2,947

Part No.	Description	Trade
Chimney Vent Oil Burners for Ultra Oil Boilers		
521-107-011	Beckett NX Oil Burner UO-3 CV ¹	\$ 700
521-100-030	Beckett AFG Oil Burner UO-3 CV ¹	\$ 588
521-100-024	Riello Oil Burner UO-3 CV ¹	\$ 632
521-107-012	Beckett NX Oil Burner UO-4 CV	\$ 700
521-100-031	Beckett AFG Oil Burner UO-4 CV	\$ 588
521-100-025	Riello Oil Burner UO-4 CV	\$ 632
521-107-013	Beckett NX Oil Burner UO-5 CV	\$ 700
521-100-032	Beckett AFG Oil Burner UO-5 CV	\$ 588
521-100-026	Riello Oil Burner UO-5 CV	\$ 632
521-100-021	Carlin Oil Burner UO3-5 CV	\$ 617

¹ The .80 GPH Firing Rate Kit is required to convert Oil Burners on UO-3 from 1.0 GPH (140 MBH) to .80 GPH (112 MBH).

Kit not required for Carlin Chimney Vent Burner

386-902-007	.80 GPH Firing Rate Kit ¹	\$ 19
-------------	--------------------------------------	-------

² Both the Vent Termination Kit and the Flexible Insulated Vent Pipe are required for direct vent burner applications.

386-902-010	Vent Termination Kit ²	\$ 475
386-902-012	Flexible Insulated Vent Pipe(15') ²	\$ 376

Direct Vent Oil Burners for Ultra Oil Boilers²

521-107-015	Beckett NX Oil Burner UO-3 DV ^{1&2}	\$ 866
521-100-027	Riello Oil Burner UO-3 DV ^{1&2}	\$ 817
521-107-016	Beckett NX Oil Burner UO-4 DV ²	\$ 866
521-100-028	Riello Oil Burner UO-4 DV ²	\$ 817
521-107-017	Beckett NX Oil Burner UO-5 DV ²	\$ 866
521-100-029	Riello Oil Burner UO-5 DV ²	\$ 817

IMPORTANT:

Weil-McLain does not recommend derating of burner.

.80 GPH 1.0 GPH 1.20 GPH 1.40 GPH

DATA

I=B=R Chimney Rect.
I=B=R Chimney Round
I=B=R Chimney Height
Draft Loss (in W.C.)
Water Volume
Approx. Ship. Weight

	UO-3	UO-3	UO-4	UO-5
8 in x 8 in.	8 in x 8 in.	8 in x 8 in.	8 in x 8 in.	8 in x 8 in.
6 in.	6 in.	6 in.	6 in.	6 in.
15 ft.	15 ft.	15 ft.	15 ft.	15 ft.
.000	.020	.025	.040	
15.0 gal.	15.0 gal.	18.25 gal.	21.5 gal.	
636	636	737	852	

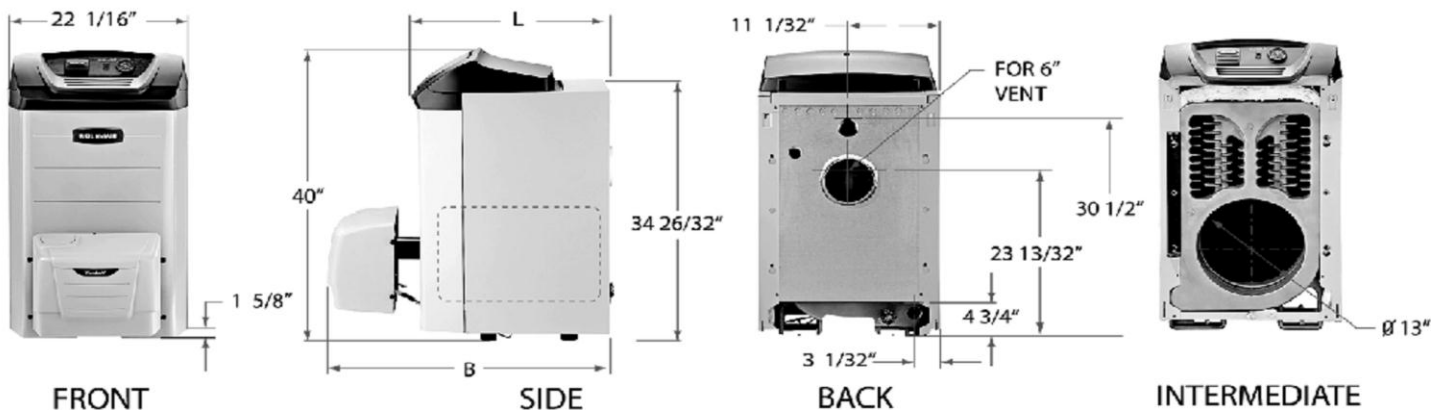
Optional Burner Equipment

511-405-134	Beckett 2-Stage Pump for UO	\$ 272
-------------	-----------------------------	--------

Ratings	UO-3	UO-3	UO-4	UO-5
I=B=R Burner Cap.	.80 GPH	1.00 GPH	1.20 GPH	1.40 GPH
DOE Heating Cap.	98 MBH	122 MBH	146 MBH	172 MBH
Net I=B=R Rating	85 MBH	106 MBH	127 MBH	150 MBH
Doe Afue	86.5%	86.5%	86.2%	86.5%

DIMENSIONS

MODEL	DIMENSIONS	
	B	L
UO-3	37	25
UO-4	41	29
UO-5	45	33



Ultra Oil

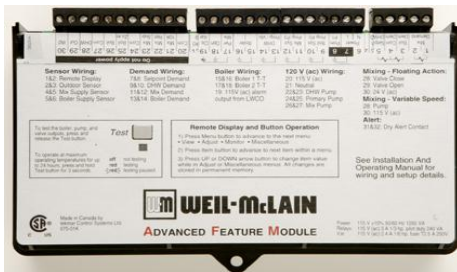
STANDARD EQUIPMENT

- | | |
|--|---|
| Three-pass Cast Iron Heat Exchanger
with Captured Elastomer Seals | Service Switch |
| Reversible Swing-away Burner Door | Temperature/Pressure Gauge |
| Silicone Coated Fiberglass Sealing Rope | Factory-wired Terminal Strips with
Labeled Wires |
| Boiler Drain | Quick Disconnect Burner Plug |
| 30 PSI ASME Relief Valve | Barometric Damper |
| Attractive Jacket Design | Circulator (Taco 007) |
| Comb. Temp Controls, LWCO &
Circulator Relay | |

OPTIONAL EQUIPMENT

Part No.	Description	Trade
511-405-134	Beckett 2-stage pump for Ultra Oil	\$ 272
386-902-015	Beckett Fresh Air Intake Kit (for chimney vent applications only)	\$ 142

Advanced Features Module



Part No.	Description	Trade
(BOLD number includes items shown below it)		
386-900-004	Advanced Features Module Kit	\$ 632
386-900-005	Advanced Features Module (Control Only)	\$ 428
386-900-006	Remote Display Module	\$ 97
650-000-016	Outdoor Sensor	\$ 28
650-000-095	Universal Sensor*	\$ 19

* Two Universal Sensors included in AFM Kit

FEATURES

- | | |
|-------------------------------|------------------------|
| Outdoor Reset | Boiler Protection |
| Low Temperature Mixing | Warm Weather Shutdown |
| Setpoint Operation | Freeze Protection |
| DHW Priority | Mixing Device Exercise |
| DHW Priority Override | Pump Exercise |
| DWH Post Purge | Test Sequence |
| Stage Fire Two Boilers | LCD Remote Display |
| Minimum Boiler Setting | Run Hours Log |
| Automatic Boiler Differential | Plug-In Terminals |



GOLD Oil Only Optional Residential Oil Burners with 2 Stage Pumps

Part No.	Description	Trade
Oil Burners with 2-Stage Pumps for GOLD Oil Boilers		
521-100-013	Beckett Oil Burner w/2-stage pump for GO-3	\$ 610
521-100-014	Beckett Oil Burner w/2-stage pump for GO-4	\$ 610
521-100-015	Beckett Oil Burner w/2-stage pump for GO-5	\$ 610
521-100-016	Beckett Oil Burner w/2-stage pump for GO-6	\$ 610
521-100-017	Beckett Oil Burner w/2-stage pump for GO-7	\$ 610
521-100-018	Beckett Oil Burner w/2-stage pump for GO-8	\$ 610
521-100-019	Beckett Oil Burner w/2-stage pump for GO-9	\$ 610
521-100-020	Beckett Oil Burner w/2-stage pump for GO-2	\$ 610



WGO

GOLD Oil Boiler (without Tankless Heater Opening)

Water (75 - 257 MBH)

Series 3



Part No.	Description - (Input)	Trade
WGO 2-6 Boilers - Packaged - No Burner		
386-700-827	WGO-2 Blr S3 T-007 (0.70 GPH)	\$ 1,833
386-700-810	WGO-2 Blr S3 no circ (0.70 GPH)	\$ 1,745
386-700-828	WGO-3 Blr S3 T-007 (0.95 GPH)	\$ 2,255
386-700-811	WGO-3 Blr S3 no circ (0.95 GPH)	\$ 2,165
386-700-829	WGO-4 Blr S3 T-007 (1.20 GPH)	\$ 2,631
386-700-812	WGO-4 Blr S3 no circ (1.20 GPH)	\$ 2,543
386-700-830	WGO-5 Blr S3 T-007 (1.45 GPH)	\$ 3,025
386-700-813	WGO-5 Blr S3 no circ (1.45 GPH)	\$ 2,936
386-700-831	WGO-6 Blr S3 T-007 (1.75 GPH)	\$ 3,332
386-700-814	WGO-6 Blr S3 no circ (1.75 GPH)	\$ 3,239

Part No.	Description - (Input)	Trade
WGO 2-6 (Section Assembly - Jacket - Collector Hood) (Non-Packaged - No Burner - Order Trim Separately)		
386-700-650	WGO-2 S/A-Jacket-Collect Hood	\$ 1,233
386-700-651	WGO-3 S/A-Jacket-Collect Hood	\$ 1,619
386-700-652	WGO-4 S/A-Jacket-Collect Hood	\$ 1,996
386-700-653	WGO-5 S/A-Jacket-Collect Hood	\$ 2,390
386-700-654	WGO-6 S/A-Jacket-Collect Hood	\$ 2,696

Oil Burners for GOLD Oil Boilers		
386-700-392	Beckett Oil Burner - GO-2	\$ 530
386-700-424	Carlin Oil Burner - GO-2	\$ 530
521-107-520	Riello Oil Burner - GO 2-5	\$ 567
386-700-396	Beckett Oil Burner - GO-3	\$ 530
386-700-428	Carlin Oil Burner - GO-3	\$ 530
386-700-400	Beckett Oil Burner - GO-4	\$ 530
386-700-432	Carlin Oil Burner - GO-4	\$ 530
386-700-404	Beckett Oil Burner - GO-5	\$ 530
386-700-436	Carlin Oil Burner - GO-5	\$ 530
386-700-408	Beckett Oil Burner - GO-6	\$ 530
386-700-440	Carlin Oil Burner - GO-6	\$ 530
386-700-412	Beckett Oil Burner - GO-7	\$ 530
386-700-416	Beckett Oil Burner - GO-8	\$ 530
386-700-420	Beckett Oil Burner - GO-9	\$ 530

WGO 7-9 (Section Assembly - Jacket - Collector Hood) (Non-Packaged - No Burner - Order Trim Separately)		
<i>non-pack. blr</i> WGO-7 (no trim/no burner) (2.00 GPH) \$ 3,024		
386-700-655	WGO-7 Section Assy	\$ 2,758
416-700-170	WGO-7 Jacket	\$ 220
450-020-188	WGO/WTGO-7 Collect Hood	\$ 46
<i>non-pack. blr</i> WGO-8 (no trim/no burner) (2.30 GPH) \$ 3,306		
386-700-656	WGO-8 Section Assy	\$ 3,023
416-700-172	WGO-8 Jacket	\$ 235
450-020-189	WGO/WTGO-8 Collect Hood	\$ 48
<i>non-pack. blr</i> WGO-9 (no trim/no burner) (2.55 GPH) \$ 3,665		
386-700-657	WGO-9 Section Assy	\$ 3,373
416-700-174	WGO-9 Jacket	\$ 240
450-020-190	WGO/WTGO-9 Collect Hood	\$ 52

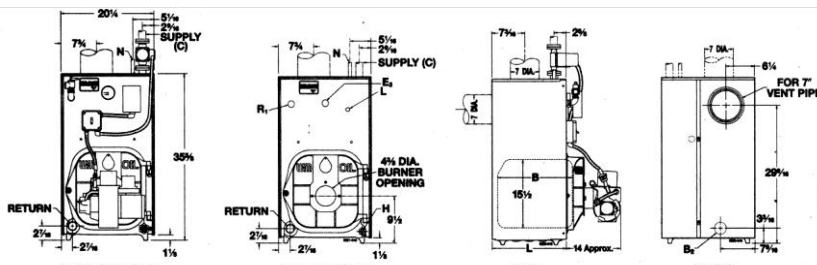
Water Trim		
386-700-861	WGO Wtr Trm w/Control	\$ 340
386-700-863	WGO Wtr Trm no Control	\$ 253

Note: See page 35 for optional oil burners with 2-stage pumps.
Note: WGO-8 and WGO-9 are not Energy Star rating.

	WGO-2	WGO-3	WGO-4	WGO-5	WGO-6	WGO-7	WGO-8	WGO-9
Ratings								
Net I=B=R Burner Cap.(GPH)	0.70 / 0.95	0.95 / 0.80	1.20 / 1.00	1.45 / 1.20	1.75/1.40	2.00/1.60	2.30	2.55
% DOE Seasonal Efficiency(AFUE)	86.4 / 85.3	85.3 / 86.2	85.0 / 86.2	85.0 / 86.1	85.0 / 86.1	85.0 / 86.0	N.A	N.A.
DOE Heating Capacity (MBH Water)	86 / 114	115 / 98	145 / 122	175 / 147	212 / 171	242 / 196	266	295
Net I=B=R Rating (MBH)	75 / 99	100 / 85	126 / 106	152 / 128	184/149	210 / 170	231	257
Draft Loss thru Boiler (W.C.)	.010	.020	.010		.015		.025	.030
Data								
Net I=B=R Chimney-Rect.	8 in. x 8 in.				8 in. x 12 in.			
Net I=B=R Chimney-Round	6 in.		7 in.		8 in.			
Net I=B=R Chimney Height	15 ft.				20 ft.			
Water Volume	11 Gal.	14.9 Gal.	13.4 Gal.	15.9 Gal.	18.4 Gal.	20.8 Gal.	23.3 Gal.	25.8 Gal.
Approx Ship Weight	540 lbs.	595 lbs.	645 lbs.	760 lbs.	860 lbs.	930 lbs.	1030 lbs.	1135 lbs.
Dimensions								
Supply - Packaged	1-1/4 in.		1-1/2 in.		N.A.			
Supply-Non Packaged			1-1/2 in.					
Return			1-1/2 in.					
"B" Dimension	10-1/2 in.	13-1/2 in.	13-5/8 in.	16-7/8 in.	20 in.	23-1/8 in.	26-1/4 in.	29-3/8 in.
"L" Dimension	13-3/4 in.	16-7/8 in.	16-7/8 in.	20 in.	23-1/8 in.	26-1/4 in.	29-5/8 in.	32-1/2 in.

CONTROL TAPPINGS		
Location	Size "	Control
B ₂	1 1/2"	Alternate Return - Non-Packaged Units Only
E ₃	3/4"	Pressure-Temperature Gauge
H	3/4"	Drain Valve
L	3/4"	High Limit/Circulator Control
N	1/2"	Piping to Expansion Tank or Automatic Air Vent
R ₁	3/4"	Relief Valve

- Standard Equipment**
- Factory Tested
 - Cast Iron Sections
 - Built-in Air Separator
 - 30 PSI ASME Relief Valve
 - Drain Valve
 - Comb.Temp Controls
 - LWCO & Circulator Relay
 - Comb. T&P Gauge
 - Balanced Draft Damper
 - Convertible Flue (Top or Rear)
 - Refractory Combustion Chamber
 - High Temp. Target Wall Circulator (when ordered)
 - Jacketed Block Assembly
 - Swing-away Burner Door
 - Insulated Jacket
 - Quick Inspection Cover
 - Service Switch
 - Electrical Junction Box
 - Wiring Harness





WTGO

GOLD Oil Boiler (with Tankless Heater)

Water (100 - 257 MBH)

Series 3



Part No.	Description - (Input)	Trade
WTGO 3-6 Boilers - Packaged - No Burner		
386-700-832	WTGO-3 Blr S3 T-007 (0.95 GPH)	\$ 2,544
386-700-815	WTGO-3 Blr S3 no circ (0.95 GPH)	\$ 2,453
386-700-807	WTGO-3L Blr S3 T-007 (0.95 GPH)	\$ 2,551
386-700-806	WTGO-3L Blr S3 no circ (0.95 GPH)	\$ 2,466
386-700-833	WTGO-4 Blr S3 T-007 (1.20 GPH)	\$ 2,922
386-700-816	WTGO-4 Blr S3 no circ (1.20 GPH)	\$ 2,835
386-700-834	WTGO-5 Blr S3 T-007 (1.45 GPH)	\$ 3,314
386-700-817	WTGO-5 Blr S3 no circ (1.45 GPH)	\$ 3,227
386-700-835	WTGO-6 Blr S3 T-007 (1.75 GPH)	\$ 3,661
386-700-818	WTGO-6 Blr S3 no circ (1.75 GPH)	\$ 3,575
Oil Burners for GOLD Oil Boilers		
386-700-396	Beckett Oil Burner - GO-3	\$ 530
386-700-428	Carlin Oil Burner - GO-3	\$ 530
521-107-520	Riello Oil Burner - GO 2-5	\$ 567
386-700-400	Beckett Oil Burner - GO-4	\$ 530
386-700-432	Carlin Oil Burner - GO-4	\$ 530
386-700-404	Beckett Oil Burner - GO-5	\$ 530
386-700-436	Carlin Oil Burner - GO-5	\$ 530
386-700-408	Beckett Oil Burner - GO-6	\$ 530
386-700-440	Carlin Oil Burner - GO-6	\$ 530
386-700-412	Beckett Oil Burner - GO-7	\$ 530
386-700-416	Beckett Oil Burner - GO-8	\$ 530
386-700-420	Beckett Oil Burner - GO-9	\$ 530
Tankless Heaters		
590-921-612	WTGO 3-6 Tnkless Htr	\$ 244
590-921-599	WTGO-3L Tnkless Htr	\$ 238
590-921-610	WTGO 7-9 Tnkless Htr	\$ 257

Part No.	Description - (Input)	Trade
WTGO 3-6 (Section Assembly - Jacket - Collector Hood)		
<i>(Non-Packaged - No Burner - Order Trim Separately)</i>		
386-700-658	WTGO-3 S/A-Jacket-Collect Hood	\$ 1,632
386-700-659	WTGO-4 S/A-Jacket-Collect Hood	\$ 2,011
386-700-660	WTGO-5 S/A-Jacket-Collect Hood	\$ 2,402
386-700-661	WTGO-6 S/A-Jacket-Collect Hood	\$ 2,751
WTGO 7-9 (Section Assembly - Jacket - Collector Hood)		
<i>(Non-Packaged - No Burner - Order Trim Separately)</i>		
<i>non-pack. blr</i>	WTGO-7 (no trim/no burner) (2.00 GPH)	\$ 3,073
386-700-662	WTGO-7 Section Assy	\$ 2,810
416-700-176	WTGO-7 Jacket	\$ 217
450-020-188	WGO/WTGO-7 Collect Hood	\$ 46
<i>non-pack. blr</i>	WTGO-8 (no trim/no burner) (2.30 GPH)	\$ 3,357
386-700-663	WTGO-8 Section Assy	\$ 3,077
416-700-178	WTGO-8 Jacket	\$ 232
450-020-189	WGO/WTGO-8 Collect Hood	\$ 48
<i>non-pack. blr</i>	WTGO-9 (no trim/no burner) (2.55 GPH)	\$ 3,682
386-700-664	WTGO-9 Section Assy	\$ 3,393
416-700-180	WTGO-9 Jacket	\$ 237
450-020-190	WGO/WTGO-9 Collect Hood	\$ 52
Water Trim		
386-700-867	WTGO Wtr Trm no Control	\$ 250
386-700-865	WTGO Wtr Trm w/High-Low Limit	\$ 406

Note: See page 35 for optional oil burners with 2-stage pumps.
Note: WGO-8 and WGO-9 are not Energy Star rating.

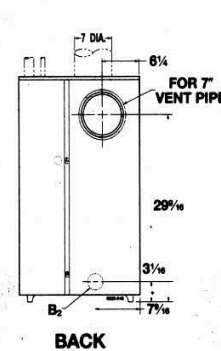
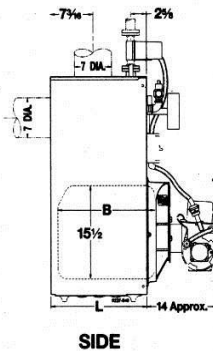
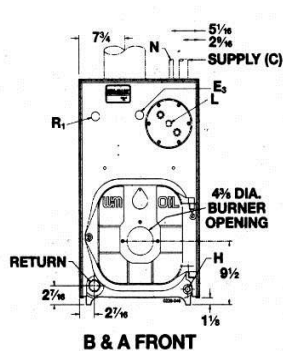
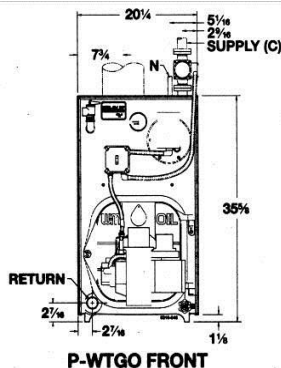
CONTROL TAPPINGS

Location	Size "	Control
B ₂	1 1/2	Alternate Return - Non-Packaged Units Only
E ₃	3/4	Pressure-Temperature Gauge
H	3/4	Drain Valve
L	3/4	High Limit/Circulator Control
N	1/2	Piping to Expansion Tank or Automatic Air Vent
R ₁	3/4	Relief Valve

Ratings	WTGO-3L	WTGO-3	WTGO-4	WTGO-5	WTGO-6	WTGO-7	WTGO-8	WTGO-9
I=B=R Burner Cap.(GPH)	0.95 / 0.70	0.95 / 0.80	1.20 / 1.00	1.45 / 1.20	1.75 / 1.40	2.00 / 1.60	2.30	2.55
% DOE Seasonal Efficiency(AFUE)	85.3 / 86.4	85.3 / 86.2	85.3 / 86.2	85.0 / 86.1	85.0 / 86.1	85.0 / 86.0	N.A.	N.A.
DOE Heating Capacity (MBH Water)	114 / 86	115 / 98	145 / 122	175 / 147	212 / 171	242 / 196	266	295
Net Water I=B=R Rating(MBH)	99 / 75	100 / 85	126 / 106	152 / 128	184 / 149	210 / 170	231	257
Tankless Heater Intermittent Draw Rating	3.25 GPM	3.00 GPM	3.75 GPM	4.00 GPM	4.25 GPM	5.50 GPM	5.75 GPM	6.00 GPM
Draft Loss thru Boiler (W.C.)	.010	.020	.010		.015		.025	.030
Data								
Net I=B=R Chimney-Rect.	8 in. x 8 in.						8 in. x 12 in.	
Net I=B=R Chimney-Round	6 in.		7 in.		8 in.			
Net I=B=R Chimney Height	15 ft.						20 ft.	
Approx Ship Weight	540 lbs.	595 lbs.	645 lbs.	760 lbs.	860 lbs.	930 lbs.	1030 lbs.	1135 lbs.
Dimensions								
Supply - Packaged	1-1/4 in.		1-1/2 in.		N.A.			
Supply-Non Packaged	1-1/2 in.							
Return	1-1/2 in.							
"B" Dimension	13-1/2 in.	10-1/2 in.	13-5/8 in.	16-7/8 in.	20 in.	23-1/8 in.	26-1/4 in.	29-3/8 in.
"L" Dimension	16-7/8 in.	13-5/8 in.	16-7/8 in.	20 in.	23-1/8 in.	26-1/4 in.	29-3/8 in.	32-1/2 in.

Standard Equipment

- Factory Tested
- Cast Iron Sections
- Built-in Air Separator
- 30 PSI ASME Relief Valve
- Drain Valve
- Comb. Temp Controls
- LWCO & Circulator Relay
- Comb. T&P Gauge
- Balanced Draft Damper
- Convertible Flue (Top or Rear)
- Refractory Combustion Chamber
- High Temp. Target Wall
- Circulator (when ordered)
- Jacketed Block Assembly
- Swing-away Burner Door
- Insulated Jacket
- Quick Inspection Cover
- Service Switch
- Electrical Junction Box
- Wiring Harness
- Tankless Heater (Packaged)





SGO

GOLD Oil Boiler (without Tankless Heater - Sold as option)

Water (85 - 221 MBH; 354 - 921 sq. ft.)

Series 3



Part No.	Description - (Input)	Trade
SGO 3-6 Boilers - Packaged - No Burner		
386-700-819	SGO-3 Blr S3 Probe LWCO (0.95 GPH)	\$ 2,382
386-700-823	SGO-3 Blr S3 Float LWCO (0.95 GPH)	\$ 2,382
386-700-820	SGO-4 Blr S3 Probe LWCO (1.20 GPH)	\$ 2,762
386-700-824	SGO-4 Blr S3 Float LWCO (1.20 GPH)	\$ 2,762
386-700-821	SGO-5 Blr S3 Probe LWCO (1.45 GPH)	\$ 3,153
386-700-825	SGO-5 Blr S3 Float LWCO (1.45 GPH)	\$ 3,153
386-700-822	SGO-6 Blr S3 Probe LWCO (1.75 GPH)	\$ 3,460
386-700-826	SGO-6 Blr S3 Float LWCO (1.75 GPH)	\$ 3,460

Part No.	Description - (Input)	Trade
SGO 3-6 (Section Assembly - Jacket - Collector Hood)		
<i>(Non-Packaged - No Burner - Order Trim Separately)</i>		
386-700-665	SGO-3 S/A-Jacket-Collect Hood	\$ 1,670
386-700-666	SGO-4 S/A-Jacket-Collect Hood	\$ 2,048
386-700-667	SGO-5 S/A-Jacket-Collect Hood	\$ 2,440
386-700-668	SGO-6 S/A-Jacket-Collect Hood	\$ 2,744

Oil Burners for GOLD Oil Boilers		
386-700-396	Beckett Oil Burner - GO-3	\$ 530
386-700-428	Carlin Oil Burner - GO-3	\$ 530
521-107-520	Riello Oil Burner - GO 2-5	\$ 567
386-700-400	Beckett Oil Burner - GO-4	\$ 530
386-700-432	Carlin Oil Burner - GO-4	\$ 530
386-700-404	Beckett Oil Burner - GO-5	\$ 530
386-700-436	Carlin Oil Burner - GO-5	\$ 530
386-700-408	Beckett Oil Burner - GO-6	\$ 530
386-700-440	Carlin Oil Burner - GO-6	\$ 530
386-700-412	Beckett Oil Burner - GO-7	\$ 530
386-700-416	Beckett Oil Burner - GO-8	\$ 530
386-700-420	Beckett Oil Burner - GO-9	\$ 530

SGO 7-9 (Section Assembly - Jacket - Collector Hood)		
<i>(Non-Packaged - No Burner - Order Trim Separately)</i>		
<i>non-pack. blr</i>	SGO-7 (no trim/no burner) (2.00 GPH)	\$ 3,070
386-700-669	SGO-7 Section Assy	\$ 2,808
416-700-182	SGO-7 Jacket	\$ 217
450-020-191	SGO-7 Collect Hood	\$ 45

<i>non-pack. blr</i>	SGO-8 (no trim/no burner) (2.30 GPH)	\$ 3,356
386-700-670	SGO-8 Section Assy	\$ 3,076
416-700-184	SGO-8 Jacket	\$ 233
450-020-192	SGO-8 Collect Hood	\$ 47
<i>non-pack. blr</i>	SGO-9 (no trim/no burner) (2.55 GPH)	\$ 3,680
386-700-671	SGO-9 Section Assy	\$ 3,393
416-700-186	SGO-9 Jacket	\$ 238
450-020-193	SGO-9 Collect Hood	\$ 49

Steam Trim		
386-700-870	SGO Steam Trim	\$ 339

Tankless Heaters		
386-700-350	Stm Tnkless Htr Kit 35-S-29	\$ 321

Note: See page 35 for optional oil burners with 2-stage pumps.

Ratings	SGO-3	SGO-4	SGO-5	SGO-6	SGO-7	SGO-8	SGO-9
I=B=R Burner Cap.	0.95 GPH	1.20 GPH	1.45 GPH	1.75 GPH	2.0 GPH	2.30 GPH	2.55 GPH
DOE Heating Cap.	114 MBH	144 MBH	174 MBH	210 MBH	240 MBH	266 MBH	295 MBH
Net I=B=R Steam	85 MBH	108 MBH	131 MBH	158 MBH	180 MBH	200 MBH	221 MBH
Steam Sq. Ft.	354	450	546	658	750	833	921
DOE Seas Eff (AFUE)	84.1%	84.0%	83.9%	83.7%	83.6%	N.A.	

Data	SGO-3	SGO-4	SGO-5	SGO-6	SGO-7	SGO-8	SGO-9
I=B=R Chimney-Rect.	8 in. x 8 in.				8 in. x 12 in.		
I=B=R Chimney-Round	6 in.		7 in.		8 in.		
I=B=R Chimney Height	15 ft.				20 ft.		
Draft Loss (in W.C.)	0.020	0.010	0.015		0.025	0.030	
Water Volume - Steam	10.7 Gal.	12.5 Gal.	14.2 Gal.	16 Gal.	17.7 Gal.	19.4 Gal.	21.2 Gal.
Approx Ship Weight	600 lbs.	705 lbs.	820 lbs.	920 lbs.	990 lbs.	1090 lbs.	1195 lbs.

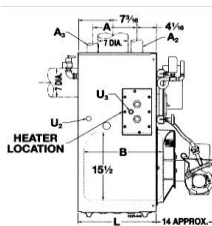
Dimensions	SGO-3	SGO-4	SGO-5	SGO-6	SGO-7	SGO-8	SGO-9
Supply -Steam	2-1/2 in.						
Return-Supply	2 in.						
Water-Supply	1-1/2 in.						
Water-Return	1-1/2 in.						
"A" Dimension	N.A.		19 in.	22-1/8 in.	25-1/4 in.	28-3/8 in.	
"B" Dimension	13 1/2 in.	16-5/8 in.	19-7/8 in.	23-1/2 in.	26-1/8 in.	29-1/4 in.	32-3/8 in.
"I" Dimension	16-7/8 in.	20 in.	23-1/8 in.	26-1/4 in.	29-3/8 in.	32-1/2 in.	35-5/8 in.

CONTROL TAPPINGS

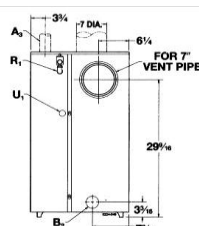
Location	Size	Steam	Water
A ₁	1 1/2"	Skim Tapping	Supply
A ₂	2 1/2"	Supply	Piping to Expansion Tank or Automatic Air Vent
A ₃	2 1/2"	Supply (SGO-6 through 9)	Plugged
B ₁	1 1/2"	Plugged	Return
B ₂	2"	Return	Plugged
E ₁	1/2"	Pressure Gauge & Limit Control (when probe LWCO is used)	Pressure-Temperature Gauge
E ₁ & E ₂	1/2"	Low Water Cutoff (Float Type)	-
H	3/4"	Drain Valve	Drain Valve
L	3/4"	Pressure Gauge & Limit Control (when float LWCO is used)	High Limit/Circulator Control
P	3/4"	Low Water Cutoff (Probe Type)	Plugged
R ₁	3/4"	Relief Valve	Relief Valve
S ₁ & S ₂	1/2"	Gauge Glass	Plugged
U ₁	1"	Take-off for Indirect-Fired Water Heater or Separate Zone	Plugged
U ₂	3/4"	Tankless Heater Operating Control (SGO-6 through 9)	Plugged
U ₃ (in heater plate)	3/4"	Tankless Heater Operating Control (SGO-3 through 5)	Tankless Heater Operating Control

Standard Equipment

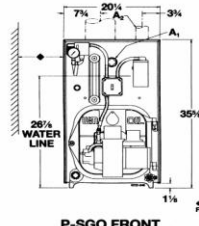
- 15 PSI ASME Relief Valve (steam)
- 30 PSI ASME Relief Valve (water)
- Drain Valve
- Comb. T&P Gauge (water)
- Built-in Air Separator
- Balanced Draft Damper
- Convertible Flue (Top or Rear)
- Refractory Combustion Chamber
- High Temp. Target Wall
- High Limit Pressure Control (steam)
- High Limit Temp. Control (water)
- Gauge Cocks and Glass (steam)
- Low Water Cut-Off (packaged)
- Pressure Gauge (steam)
- Syphon (steam)
- Jacketed Block Assembly
- Swing-away Burner Door
- Insulated Jacket
- Quick Inspection Cover
- Service Switch
- Electrical Junction Box
- Wiring Harness



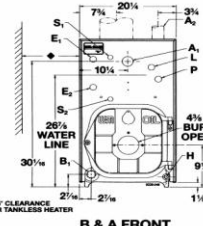
SIDE



BACK



P-SGO FRONT



B & A FRONT



H-80 Gas-Oil Boilers (less Power Burner & Mounting Plate)

Water (242-1172 MBH) - Steam (208-1018 MBH; 867-4242 Sq.Ft.)

Series 1



Steam Boiler Model No.	Steam Boiler Part No.	Water Boiler Part No.	I=B=R			I=B=R Net Rating			Boiler H.P.	Induced Draft Vent Dia.	Trade Price & Optional Adders			Approx. Shipping & Lifting Weight (Lbs)
			Oil Input GPH	Gas Input MBH	Gross Output MBH	Steam MBH	Steam Sq. Ft.	Water MBH			Water or Steam	Optional Assemble Sections Adder	Optional Pkgd Boiler Adder	
H-380	158-034-303	158-031-303	2.4	346	278	208	867	242	8.3	6	\$3,672	\$449	\$2,286	1,355
H-480	158-044-303	158-041-303	3.4	491	396	297	1,238	344	11.8	7	\$4,453	\$602	\$2,445	1,615
H-580	158-054-303	158-051-303	4.5	639	515	386	1,608	448	15.4	8	\$5,235	\$751	\$2,603	1,875
H-680	158-064-303	158-061-303	5.5	787	634	476	1,983	551	18.9	8	\$6,020	\$904	\$2,765	2,130
H-780	158-074-303	158-071-303	6.5	935	753	565	2,354	655	22.5	9	\$6,796	\$1,053	\$2,925	2,390
H-880	158-084-303	158-081-303	7.5	1,082	872	654	2,725	758	26.0	10	\$7,577	\$1,205	\$3,095	2,650
H-980	158-094-303	158-091-303	8.5	1,230	991	743	3,096	862	29.6	10	\$8,360	\$1,354	\$3,257	2,910
H-1080	158-104-303	158-101-303	9.6	1,378	1,110	833	3,471	965	33.2	10	\$9,142	\$1,505	\$3,417	3,165
H-1180	158-114-303	158-111-303	10.6	1,526	1,229	922	3,842	1,069	36.7	10	\$9,922	\$1,656	\$3,574	3,425
H-1280	158-124-303	158-121-303	11.6	1,674	1,348	1,018	4,242	1,172	40.3	12	\$10,706	\$1,807	\$3,737	3,680

H-80 Boiler Requires Burner Mounting Plate and Approved Burner - Not Furnished

Optional Burner Mounting Plates for use with H-80 Boilers

Burner Manufacturer	Burner Model Number	Model 80 Boiler	Burner Mounting Plate	
			Part Number	Trade
Beckett (Oil)	CF500,CF800	H-380 - H-680	385-700-230	\$269
	CF1400	H-780 - H-1080	385-700-235	\$269
	CF2300A	H-1180 - H-1280	385-700-240	\$375
Beckett (Gas)	CG10.1S,CG10.3S	H-380 - H-880	385-700-230	\$269
	CG10.4S,CG10.5S,CG10.6S	H-980 - H-1080	385-700-235	\$269
	CG15.3S,CG15.4S	H-1180 - H-1280	385-700-242	\$375
Carlin (Oil)	EZ-3HP-W, 201CRD-W, 301CRD-W	H-380 - H-680	385-700-230	\$269
	702CRD-W, 801CRD-W	H-780 - H-1280	385-700-235	\$269
Carlin (Gas)	201	H-380	385-700-230	\$269
	301 & 601	H-480 - H-1080	385-700-235	\$269
Power-Flame (Oil)	WCR1-O	H-480	Special Order	\$220
	WCR1-O	H-580 - H-1080	Special Order	\$584
	WCR2-OA	H-1180 - H-1280	Special Order	\$214
Power-Flame-WJR (Gas)	WJR15A-10	H-380 - H-580	Special Order	\$183
	WJR30A-10, WJR30A-12	H-680 - H-880	Special Order	\$183
	WJR50A-15	H-980 - H-1280	Special Order	\$210
Power-Flame-WCR (Gas & Gas/Oil)	WCR1-10	H-480	Special Order	\$1,110
	WCR1-10, WCR1-12	H-580 - H-1080	Special Order	\$382
	WCR2-15	H-1180 - H-1280	Special Order	\$385
Webster (Gas, Oil, & Gas/Oil)	WJB1-03	H-480 - H-680	Special Order	\$722
	WJB1-03, WJB1-05	H-780 - H-1280	Special Order	\$403

Standard Equipment

Field Assembled or Packaged Boilers:

- Cast Iron Sections
- Insulated Flush Jacket
- Observation Port on Front and Back Sections
- Steel Flue Collar and Breaching Damper
- Flue Brush
- Flame Retention Burner (except H-80 boilers)
- Burner Mounting Plate with Refractory (except H-80 boilers)
- Cleanout Plates
- Refractory Blanket and Target Wall in Combustion Area

Packaged Boilers:

- Factory Water Tested
- Lifting Cables are Attached to Block Assembly
- Steel Skid on Bottom of Boiler
- Low Water Cut-Off
Water boilers: #PS-851-120
Steam boilers: #61

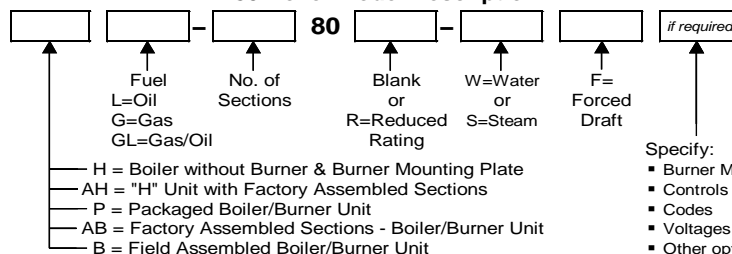
Water Boilers:

- 30 P.S.I. ASME Relief Valve (boilers tested for 80 P.S.I. working pressure)
- Combination High Limit and Low Limit Control
- Combination Pressure-Temp-Altitude Gauge
- Built-In Air Eliminator

Steam Boilers:

- 15 P.S.I. ASME Relief Valve - Side Outlet
- Low Limit and High Limit Pressure Controls
- Steam Pressure Gauge
- Gauge Glass, Cocks, & Guards

80 Boiler Model Description



Note: Riello burner mounting plate included with burner

80 Boiler Model	Max # of Heaters	Tankless Heater Locations Section Arrangement <i>(All heaters on left side of boiler.)</i>
380 W&S	1	F-TI-I-B
480 W&S	1	F-TI-I-B
580 W&S	2	F-TI-I-TI-B
680 W&S	2	F-TI-I-TI-I-B
780 W&S	2	F-TI-I-TI-I-I-B
880 W&S	3	F-TI-I-TI-I-I-TI-B
980 W&S	3	F-TI-I-TI-I-TI-I-I-B
1080 W	3	F-TI-I-TI-I-I-TI-I-I-B
1080 S	3	F-TI-I-TI-SI-I-TI-I-I-B
1180 W	4	F-TI-I-TI-I-I-TI-I-TI-B
1180 S	4	F-TI-I-TI-I-SI-I-TI-I-TI-B
1280 W	4	F-TI-I-TI-I-I-I-TI-I-TI-B
1280 S	4	F-TI-I-TI-I-SI-I-I-TI-I-TI-B

Tankless Heater Abbreviations Key
W = Water; S = Steam; F = Front; B = Back
TI = Intermediate Section with Tankless Opening
I = Regular Intermediate Section
SI = Steam Supply Intermediate Section
Note: "I" sections can be substituted for "TI" sections

Model 80 Barometric Dampers (for field installation)

Part No.	Description	Trade
510-512-290	Barometric Damper 10" (for Models 380 thru 1180)	\$158
510-512-293	Barometric Damper 12" (for Model 1280)	\$210

Part No.	Model 80 Options	Trade
Special Order	Inspection Openings -2 per section (1-1/2 NPT with brass plug)	\$100 per section

80 Tankless Heater No.	Continuous Draw 100°F Ave. Temp Rise <i>(no recovery period)</i>	Inlet and Outlet Tappings
78-34	6.5 GPM	3/4 in.

80 Return Tappings

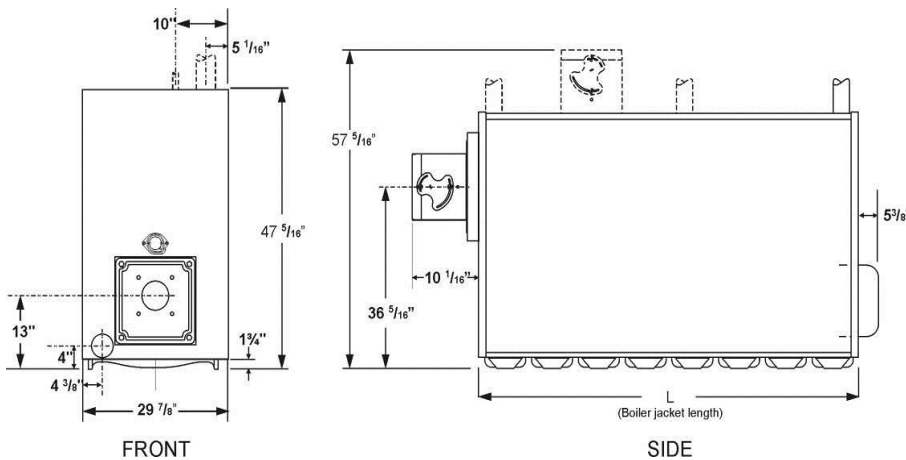
Boiler Type	80 Models	Qty-Size
Water & Steam	380-1280	2 - 3 in.

80 Supply Tappings

Boiler Type	80 Models	Qty-Size
Water	380-1280	2 - 4 in.
	380-980	2 - 4 in.
Steam	1080-1280	3 - 4 in.

Model 80 - Natural Draft Chimney - Minimum Dimensions

380	480	580	680	780	880	980	1080	1180	1280
8 in. x 15 ft.	10 in. x 15 ft.	11 in. x 15 ft.	12 in. x 15 ft.	15 in. x 15 ft.					



80 "L" Dimension	
380	21-5/8 in.
480	28-5/8 in.
580	35-5/8 in.
680	42-5/8 in.
780	49-5/8 in.
880	56-5/8 in.
980	63-5/8 in.
1080	70-5/8 in.
1180	77-5/8 in.
1280	84-5/8 in.

Notes for Model 80 Boilers

1. Ratings: Net I=B=R water ratings are based on piping and pick-up allowance of 1.15 Net I=B=R steam ratings are based on the following piping and pickup allowances: 380 thru 1180 = 1.333; 1280 = 1.321
2. All boiler-burner units to be force draft fired. Vent termination need not exceed the height of the roof by more than 3 feet.
3. Burners for "H" boilers must be capable of firing the boiler at rated input and specified overfire pressure without flame impingement. Any burner modifications and/or adjustments in the field to obtain proper operation are the responsibility of the installing contractor and/or start-up engineer.
4. "H" boiler burner mounting plates will have the following permanent tag: "The operation of the burner mounted to this boiler has not been tested by Weil-McLain. Contact the burner supplier for all service requirements".

H-80

Proportionate Pricing Ship Level Items

Gas-Oil Boilers Water & Steam

To select a complete Water or Steam 80 Boiler, choose the required number of items from each of the categories A thru F for a specific boiler size.														
Description	Part No.	Price	Quantity Required to Make a Boiler											
			3	4	5	6	7	8	9	10	11	12		
A. Cast Iron Sections														
A1. Front & Back Sections Water & Steam	80 Front Section (8013)	315-700-100	\$ 981	1	1	1	1	1	1	1	1	1		
	80 Back Section (8018)	315-700-110	\$ 968	1	1	1	1	1	1	1	1	1		
A2. Intermediates - Water Only	80 Regular Inter. (8015)	315-700-120	\$ 657	1	2	3	4	5	6	7	8	9	10	
A2. Intermediates - Steam Only	80 Regular Inter. (8015)	315-700-120	\$ 657	1	2	3	4	5	6	7	7	8	9	
	80 Steam Supply Inter. (8014)	315-700-150	\$ 657								1	1	1	
A3. Tankless Heater Options Water & Steam	Tankless Intermediate (8016) (Max.#) Use in place of intermediate sections.	315-700-140	\$ 744	1	1	2	2	2	3	3	3	4	4	
	Heater opening plate with gasket	385-700-200	\$ 36	Order Total Quantity of Tankless Heaters and Cover Plates added together to equal number of Tankless openings ordered. One required for tankless heater(s).										
	Tankless Heater #78-34	590-921-917	\$ 391											
	Operating control for tankless heater	510-312-043	\$ 100											
B. Jackets Water & Steam	Standard 80 Jacket	415-800-110	\$ 113					1	1	1	1	1	1	
	Jacket 380	415-800-205	\$ 286	1										
	<i>Standard Jacket includes: front and rear panels, "A", "B", "H", and "J" side panels.</i>	Jacket 480	415-800-215	\$ 305		1								
		Jacket 580	415-800-225	\$ 308			1							
	<i>Size specific jacket includes: side and top panels and hardware.</i>	Jacket 680	415-800-235	\$ 330				1						
		Jacket 780	415-800-240	\$ 191					1					
	Jacket 880	415-800-250	\$ 197						1					
	Jacket 980	415-800-260	\$ 206							1				
	Jacket 1080	415-800-270	\$ 220								1			
	Jacket 1180	415-800-280	\$ 234									1		
	Jacket 1280	415-800-290	\$ 244										1	
	780 Trim/Rails	415-800-340	\$ 141					1						
	880 Trim/Rails	415-800-350	\$ 153						1					
	980 Trim/Rails	415-800-360	\$ 164							1				
	1080 Trim/Rails	415-800-370	\$ 169								1			
	1180 Trim/Rails	415-800-380	\$ 173									1		
	1280 Trim/Rails	415-800-390	\$ 178										1	
C. Assembly Parts - W & S	80 A-1 Assembly Parts	385-801-000	\$ 312	1	1	1	1							
	80 A-2 Assembly Parts	385-801-100	\$ 559					1	1	1	1	1	1	
	80 B-1 Assembly Parts	385-801-200	\$ 102		1	2	3		1	2	3	4	5	
D. Collector Hood(s)	80 Collector Hood - A	450-020-300	\$ 50	1				1	1					
	80 Collector Hood - B	450-020-301	\$ 53		1									
	80 Collector Hood - C	450-020-302	\$ 58			1		1		2	1	1		
	80 Collector Hood - D	450-020-303	\$ 62				1		1		1	1	1	
	80 Collector Hood - E	450-020-304	\$ 65									1	1	
E. Damper Assembly	80 Damper, Top Flue, 8"	425-800-090	\$ 174	1	1	1	1							
	80 Damper, Top Flue, 10"	425-800-091	\$ 191					1	1	1	1	1		
	80 Damper, Top Flue, 12"	425-800-092	\$ 197										1	
	80 Damper, Rear Flue, 8"	425-800-096	\$ 174	1	1	1	1							
	80 Damper, Rear Flue, 10"	425-800-097	\$ 191					1	1	1	1	1		
	80 Damper, Rear Flue, 12"	425-800-098	\$ 197										1	
F. Water Trim - Water Only	80 Water Trim A	385-802-000	\$ 244	1	1									
	80 Water Trim B	385-802-100	\$ 259			1	1	1	1					
	80 Water Trim C	385-802-200	\$ 259							1	1	1		
	80 Water Trim D	385-802-300	\$ 259										1	
F. Steam Trim - Steam Only	80 Steam Trim A	385-802-400	\$ 244	1	1									
	80 Steam Trim B	385-802-500	\$ 259			1	1							
	80 Steam Trim C	385-802-600	\$ 259					1	1	1	1			
	80 Steam Trim D	385-802-700	\$ 259									1	1	



H-88

Gas-Oil Boilers (less Power Burner & Mounting Plate) Water (719-4123 MBH) – Steam (620-3771 MBH; 2583-15713 Sq. Ft.) Series 2



Size	Steam Boiler Part No.	Water Boiler Part No.	I=B=R			I=B=R Net Rating			Boiler H.P.	Vent Connect Size	Trade Price & Optional Adders				Approx. Shipping & Lifting Weight (Lbs)
			Oil Input GPH	Gas Input MBH	Gross Output MBH	Steam MBH	Steam Sq. Ft.	Water MBH			Water	Steam	Optional Assemble Sections Adder	Optional Pkg'd Boiler Adder	
H-488	164-044-214	164-041-214	7.0	1,010	839	629	2,623	730	25.1	10 in.	\$ 9,106	\$ 9,106	\$647	\$3,530	2,648
H-588	164-054-214	164-051-214	9.4	1,356	1,126	845	3,520	979	33.6	10 in.	\$10,899	\$10,899	\$810	\$3,716	3,210
H-688	164-064-214	164-061-214	11.8	1,701	1,413	1,072	4,467	1,229	42.2	10 in.	\$12,918	\$12,918	\$973	\$3,940	3,772
H-788	164-074-214	164-071-214	14.2	2,046	1,700	1,311	5,463	1,478	50.8	12 in.	\$14,872	\$14,872	\$1,134	\$4,079	4,334
H-888	164-084-214	164-081-214	16.7	2,382	1,987	1,543	6,428	1,728	59.4	12 in.	\$16,665	\$16,665	\$1,295	\$4,261	4,896
H-988	164-094-214	164-091-214	18.8	2,737	2,274	1,766	7,356	1,977	67.9	14 in.	\$18,606	\$18,606	\$1,458	\$4,444	5,458
H-1088	164-104-214	164-101-214	21.4	3,082	2,561	1,988	8,285	2,227	76.5	14 in.	\$20,440	\$20,440	\$1,620	\$4,627	6,020
H-1188	164-114-214	164-111-214	23.8	3,428	2,848	2,211	9,213	2,477	85.1	14 in.	\$22,215	\$22,215	\$1,783	\$4,809	6,582
H-1288	164-124-214	164-121-214	26.2	3,773	3,135	2,434	10,142	2,726	93.7	14 in.	\$24,239	\$24,239	\$1,944	\$4,991	7,144
H-1388	164-134-214	164-131-214	28.6	4,119	3,422	2,657	11,070	2,976	102.2	14 in.	\$26,099	\$26,099	\$2,107	\$5,174	7,706
H-1488	164-144-214	164-141-214	31.0	4,464	3,709	2,880	11,999	3,225	110.8	16 in.	\$27,652	\$27,652	\$2,268	\$5,356	8,268
H-1588	164-154-214	164-151-214	33.4	4,809	3,996	3,102	12,927	3,475	119.4	16 in.	\$29,453	\$29,453	\$2,430	\$5,539	8,830
H-1688	164-164-214	164-161-214	35.8	5,155	4,283	3,325	13,855	3,724	127.9	16 in.	\$31,273	\$31,273	\$2,591	\$5,721	9,392
H-1788	164-174-214	164-171-214	38.2	5,494	4,570	3,548	14,784	3,974	136.5	18 in.	\$32,991	\$32,991	\$2,754	\$5,904	9,954
H-1888	164-184-214	164-181-214	40.6	5,845	4,857	3,771	15,712	4,223	145.1	18 in.	\$34,856	\$34,856	\$2,917	\$6,086	10,516

Optional Burner Mounting Plates for use with H-88 Boilers

Burner Manufacturer	Burner Model	Model 88 Boiler	Burner Mounting	
			Part Number	Trade
Beckett (Oil Only)	CF1400 (Without UV port)	H-488R - H-488	386-300-003	\$491
	CF1400 (With UV port)	H-488R - H-488	386-300-004	\$491
	CF2300A	H-588 - H-788	386-300-001	\$491
	CF2500	H-888 - H-1188	386-300-001	\$491
	CF3500	H-1288 - H-1388	386-300-002	\$491
Beckett (Gas Only)	CG10.6S	H-488R - H-488	386-300-001	\$491
	CG25, CG50	H-588 - H-1388	386-300-002	\$491
	CF3500	H-1488	386-300-006	\$491
Carlin	702CRD-W, 801CRD-W	H-488R - H-888	386-300-220	\$491
	1050FFD	H-988R - H-1088R	386-300-222	\$491
	1150FFD	H-1188 - H-1488	386-300-224	\$491
Power-Flame (WJR)	WJ30A-10	H-488R - H-488	386-300-206	\$491
	WJ50A-15	H-588 - H-788	386-300-207	\$491
Power-Flame (WCR)	WCR1-G-12	H-488R - H-588	386-300-206	\$491
	WCR2-G-15, WCR2-G-20A, WCR2-G-20B	H-688 - H-1088R	386-300-207	\$491
	WCR3-G-20, WCR3-G-25, WCR3-G-25B	H-1088 - H-1688	386-300-208	\$491
	WCR4-G-25	H-1788 - H-1888	386-300-230	\$491
Webster	WJB1G/O/C	H-488R - H-688	Special Order	\$883
	WJB1G/O/C	H-788 - H-988R	Special Order	\$518
	WJB2G/O/C	H-988 - H-1688	Special Order	\$359
	WJB2O	H-1788 - H-1888	Special Order	\$431
	WJB3G/C	H-1888	Special Order	\$431

Standard Equipment Field Assembled or Packaged Boilers:

- Cast Iron Sections
- Insulated Flush Jacket
- Flue Collar with Built-in Breaching Damper
- Observation Port on Front and Back Sections
- Cleanout Rates
- Flame Retention Burner(except H-88 Boilers)
- Burner Mounting Plate with Refractory (Except H-88 Boilers)
- Flue Brush

Packages Boilers:

- Factory Water Tested
- Lifting Cables are Attached to Block Assembly
- Steel Skid on Bottom of Boiler
- Low Water Cut-Off
- Water Boilers #PS-851-120
- Steam Boilers #61

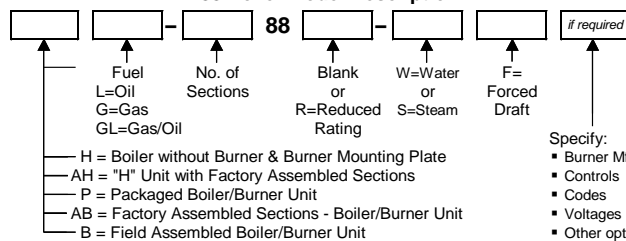
Water Boilers:

- 30 P.S.I ASME Relief Value (boilers tested for 80 P.S.I working pressure)
- Combination Manual Reset High Limit and Low Limit Control
- Combination Pressure-Temp-Altitude Gauge
- Nipple and 5" x 6" Reducing Coupling (1288-1888 only)
- Built -In Air Eliminator

Steam Boilers:

- 15 P.S.I. ASME Relief Value - Side Outlet
- Low Limit and High Limit Pressure Controls
- Steam Pressure Gauge
- Gauge Glass, Cocks & Guards

88 Boiler Model Description



Note: Riello burner mounting plate included with burner

88 Boiler Model	Max # of Heaters	Tankless Heater Locations Section Arrangement (All heaters on left side of boiler.)
488 W&S	1	F-TI-I-B
588 W&S	2	F-TI-I-TI-B
688 W&S	2	F-TI-I-TI-I-B
788 W&S	3	F-TI-I-TI-I-TI-B
888 W&S	3	F-TI-I-TI-I-TI-I-B
988 W&S	4	F-TI-I-TI-I-TI-I-TI-B
1088 W&S	4	F-TI-I-TI-I-TI-I-TI-I-B
1188 W&S	5	F-TI-I-TI-I-TI-I-TI-I-TI-B
1288 W	5	F-TI-I-TI-I-TI-I-TI-I-TI-I-B
1288 S	4	F-TI-I-TI-I-SI-I-TI-I-TI-I-B
1388 W	6	F-TI-I-TI-I-TI-I-TI-I-TI-I-TI-B
1388 S	6	F-TI-I-TI-I-TI-SI-TI-I-TI-I-TI-B
1488 W	6	F-TI-I-TI-I-TI-I-TI-I-TI-I-TI-B
1488 S	5	F-TI-I-TI-I-TI-SI-I-TI-I-TI-I-B
1588 W	7	F-TI-I-TI-I-TI-I-TI-I-TI-I-TI-B
1588 S	7	F-TI-I-TI-I-TI-I-TI-I-TI-SI-TI-I-TI-B
1688 W	7	F-TI-I-TI-I-TI-I-TI-I-TI-I-TI-I-B
1688 S	7	F-TI-I-TI-I-TI-SI-TI-I-TI-I-TI-I-B
1788 W	8	F-TI-I-TI-I-TI-I-TI-I-TI-I-TI-I-TI-B
1788 S	8	F-TI-I-TI-SI-TI-I-TI-I-TI-SI-TI-I-TI-B
1888 W	8	F-TI-I-TI-I-TI-I-TI-I-TI-I-TI-I-TI-B
1888 S	6	F-TI-I-TI-I-SI-I-TI-I-TI-SI-I-TI-I-TI-B

Note: Heater knockouts in jacket panel for first two TI sections only (count from front). Other tankless openings must be cut in jacket.

Tankless Heater Abbreviations Key

W = Water; S = Steam; F = Front; B = Back
 TI = Intermediate Section with Tankless Opening
 I = Regular Intermediate Section
 SI = Steam Supply Intermediate Section
 Note: "I" sections can be substituted for "TI" sections

Model 88 Barometric Dampers (for field installation)

Part No.	Description	Trade
510-512-290	Barometric Damper 10" (for Models 488R thru 688)	\$158
510-512-293	Barometric Damper 12" (for Models 788 and 888)	\$210
510-512-285	Barometric Damper 14" (for Models 988R thru 1388)	\$259
510-512-295	Barometric Damper 18" (for Models 1488 thru 1888)	\$468

Part No.	Model 88 Options	Trade
Special Order	Inspection Openings -2 per section (1-1/2 NPT with brass plug)	\$108 per section

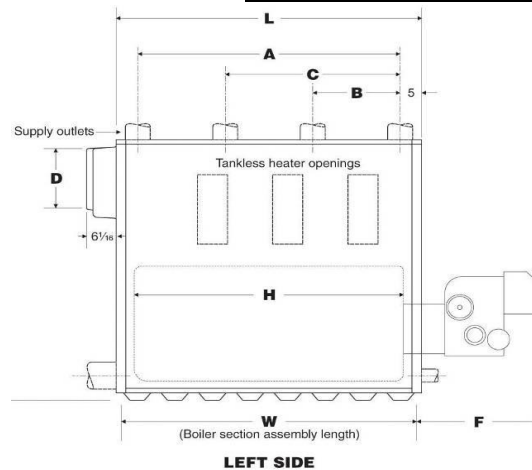
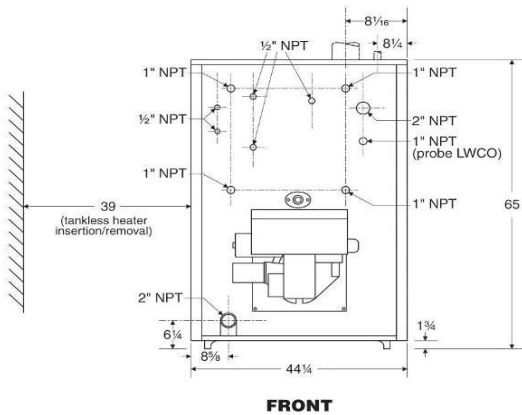
88 Tankless Heater No.	Intermittent Draw 100°F Ave. Temp Rise (from 40°F to 140°F with 200°F Boiler Water)	Continuous Draw 100°F Ave. Temp Rise (no recovery period)	Inlet and Outlet Tappings
820	8.5 GPM	8.0 GPM	3/4 in.

88 Supply Tappings

Boiler Type	88 Models	Qty-Size
Water	488-1888	2 - 5 in.
	488-1188	2 - 5 in.
Steam	1288-1688	3 - 5 in.
	1788-1888	4 - 5 in.

88 Return Tappings

Boiler Type	88 Models	Qty-Size
Water & Steam	488-1888	1 - 6 in.



88 "L" Dimension	
488	34-3/4
588	42-3/4
688	50-3/4
788	58-3/4
888	66-3/4
988	74-3/4
1088	82-3/4
1188	90-3/4
1288	98-3/4
1388	106-3/4
1488	114-3/4
1588	122-3/4
1688	130-3/4
1788	138-3/4
1888	146-3/4

Notes for Model 88 Boilers

- Ratings: Net I=B=R water ratings are based on piping and pick-up allowance of 1.15 Net I=B=R steam ratings are based on the following piping and pickup allowances:
 488R THRU 588 = 1.333; 688 = 1.323; 788 = 1.300; 888 = 1.289; 988 THRU 1888 = 1.288
- Gas pressures based on minimum pressure required to inlet of gas train under full-flow conditions.
- All boiler-burner units to be force draft fired. Vent termination need not exceed the height of the roof by more than 3 feet.
- 1788 and 1888 have an oval 19-7/8" x 16-1/6" outlet at the smoke collar. All other boiler smoke collar outlets are round.
- Burners for "H" boilers must be capable of firing the boiler at rated input and specified overfire pressure without flame impingement. Any burner modifications and/or adjustments in the field to obtain proper operation are the responsibility of the installing contractor and/or start-up engineer.
- "H" boiler burner mounting plates will have the following permanent tag: "The operation of the burner mounted to this boiler has not been tested by Weil-McLain. Contact the burner supplier for all service requirements".

H88 Series 2

Proportionate Pricing Ship Level Items

GasOil Boilers Water & Steam

To select a complete Water or Steam 88 Boiler, choose the required number of items from each of the categories A1 thru A3, B, C, and D for a specific boiler size.

Description	Part No.	Price	Quantity Required to Make a Boiler								
			4	5	6	7	8	9	10	11	
A1. Front & Back Sections Water & Steam											
88 Front Section (8823)	316-301-210	\$ 2,315	1	1	1	1	1	1	1	1	1
88 Back Section (8828)	316-301-211	\$ 2,237	1	1	1	1	1	1	1	1	1
A2. Water Intermediate Sections Water Only											
88 Regular Intermediate Section (8825)	316-301-212	\$ 1,674	2	3	4	5	6	7	8	9	
A2. Steam Intermediate Sections Steam Only											
88 Regular Intermediate Section (8825)	316-301-212	\$ 1,674	2	3	4	5	6	7	8	9	
88 Steam Supply Intermediate Section (8824)	316-301-213	\$ 1,674									
A3. Tankless Heater Options Water & Steam											
(Max. #) Use in place of intermediate sections.	316-301-214	\$ 1,766	1	2	2	3	3	4	4	5	
Heater opening plate with gasket	389-900-103	\$ 36	Order Total Quantity of Tankless Heaters and Cover Plate added together to equal number of Tankless openings ordered								
Tankless Heater #820	590-921-909	\$ 391									
Operating control for tankless heater	510-312-043	\$ 100									
B. JACKETS Water & Steam											
Standard Jacket Includes: Front panel, back panel, right side panel, left side tankless heater panel, corner pieces, bottom bracket (sizes 1088 1888), top right bracket, top left bracket, bottom channels, top panel, channel, front bottom channel, back bottom channel, front top channel, back top channel, side top trim pieces, front top trim, back top trim			COMPLETE JACKET ASSEMBLY								
			416-400-000	416-400-001	416-400-002	416-400-003	416-400-004	416-400-005	416-400-006	416-400-007	
			\$ 420	\$ 458	\$ 522	\$ 667	\$ 705	\$ 756	\$ 835	\$ 872	
Standard Jacket Carton	416-400-050	\$ 232	1	1	1	1	1	1	1	1	
Box Jacket Panel Left/Right/Top 16	416-400-104	\$ 59			1	1	2	2	3	3	
Box Jacket Panel Left/Right/Top 8	416-400-105	\$ 60		1		1		1		1	
Box Jacket Panel Left/Right/Front Outlet Top	416-400-106	\$ 78									
Box Jacket Panel Left/Right/Back Outlet Top	416-400-107	\$ 78									
Box Jacket Bracket Top Mounting Size A	416-400-109	\$ 21	1	1	1	1	1	2	2	2	
Box Jacket Bracket Bottom Mounting Size C	416-400-112	\$ 12							1	1	
Box Jacket Side Trims and Channels 488	416-400-114	\$ 93	1								
Box Jacket Side Trims and Channels 588	416-400-115	\$ 71		1							
Box Jacket Side Trims and Channels 688	416-400-116	\$ 113			1						
Box Jacket Side Trims and Channels 788	416-400-117	\$ 175				1					
Box Jacket Side Trims and Channels 888	416-400-118	\$ 214					1				
Box Jacket Side Trims and Channels 988	416-400-119	\$ 184						1			
Box Jacket Side Trims and Channels 1088	416-400-120	\$ 206							1		
Box Jacket Side Trims and Channels 1188	416-400-121	\$ 188								1	
Box Jacket Side Trims and Channels 1288	416-400-122	\$ 233									
Box Jacket Side Trims and Channels 1388	416-400-123	\$ 249									
Box Jacket Side Trims and Channels 1488	416-400-124	\$ 310									
Box Jacket Side Trims and Channels 1588	416-400-125	\$ 229									
Box Jacket Side Trims and Channels 1688	416-400-126	\$ 289									
Box Jacket Side Trims and Channels 1788	416-400-127	\$ 249									
Box Jacket Side Trims and Channels 1888	416-400-128	\$ 337									
Box HXT bars Size A Set of 9	416-400-130	\$ 46	1		1	2	1		3		
Box HXT bars Size B Set of 6	416-400-131	\$ 23		2	1		2	4		5	
Bx InsIFgF 78.0x3.0x48.0	416-400-132	\$ 28	1	1	1	1	1	1	1		
Bx InsIFgF 142.0x3.0x48.0	416-400-133	\$ 46								1	
C. Assembly Parts Water & Steam											
Includes: flue collar assembly, observation port assembly, cleanout plates, elastomer seals, rope, draw rods, silicone sealant.											
88 A1 Assembly Parts	386-400-006	\$ 472	1	1	1						
88 A2 Assembly Parts	386-400-011	\$ 752				1	1				
88 A3 Assembly Parts	386-400-016	\$ 1,006						1	1	1	
88 A4 Assembly Parts	386-400-021	\$ 1,138									
88 A5 Assembly Parts	386-400-026	\$ 1,288									
88 B1 Assembly Parts	386-400-031	\$ 81		1			1		1		
88 B2 Assembly Parts	386-400-036	\$ 145			1					1	
D. Water Trim Water Only											
Includes: pressure/temperature gauge, relief valve, dual limit control.											
88 Water Trim 45	386-400-046	\$ 314	1	1							
88 Water Trim 68	386-400-051	\$ 531			1	1	1				
88 Water Trim 911	386-400-056	\$ 574						1	1	1	
88 Water Trim 1218	386-400-061	\$ 757									
D. Steam Trim Steam Only											
Includes: pressure gauge, high pressure limit control, relief valve, water guge, glass & cocks.											
88 Steam Trim 45	386-400-150	\$ 314	1	1							
88 Steam Trim 67	386-400-151	\$ 531			1	1					
88 Steam Trim 8	386-400-152	\$ 531					1				
88 Steam Trim 9	386-400-153	\$ 574						1			
88 Steam Trim 10-11	386-400-154	\$ 574							1	1	
88 Steam Trim 12-14	386-400-155	\$ 757									
88 Steam Trim 15-18	386-400-156	\$ 757									

H88 Series 2 Proportionate Pricing Ship Level Items

Gas-Oil Boilers Water & Steam

To select a complete Water or Steam 88 Boiler, choose the required number of items from each of the categories A-1 thru A-3, B, C, and D for a specific boiler size.

Description	Part No.	Price	Quantity Required to Make a Boiler							
			12	13	14	15	16	17	18	
A1. Front & Back Sections - Water & Steam										
88 Front Section (8823)	316-301-210	\$ 2,315	1	1	1	1	1	1	1	1
88 Back Section (8828)	316-301-211	\$ 2,237	1	1	1	1	1	1	1	1
A2. Water Intermediate Sections - Water Only										
88 Regular Intermediate Section (8825)	316-301-212	\$ 1,674	10	11	12	13	14	15	16	
A2. Steam Intermediate Sections - Steam Only										
88 Regular Intermediate Section (8825)	316-301-212	\$ 1,674	9	10	11	12	13	13	14	
88 Steam Supply Intermediate Section (8824)	316-301-213	\$ 1,674	1	1	1	1	1	2	2	
A3. Tankless Heater Options - Water & Steam										
88 Tankless Intermediate Section (8826)			5W		6W					8W
(Max. #) Use in place of intermediate sections.	316-301-214	\$ 1,766	4S	6	5S	7	7	8		6S
Heater opening plate with gasket	389-900-103	\$ 36	Order Total Quantity of Tankless Heaters and Cover Plate added together to equal number of Tankless openings ordered							
Tankless Heater #820	590-921-909	\$ 391								
Operating control for tankless heater	510-312-043	\$ 100								
B. JACKETS - Water & Steam			COMPLETE JACKET ASSEMBLY							
Standard Jacket Includes: Front panel, back panel, right side panel, left side tankless heater panel, corner pieces, bottom bracket (sizes 1088 1888), top right bracket, top left bracket, bottom channels, top panel, channel, front bottom channel, back bottom channel, front top channel, back top channel, side top trim pieces, front top trim, back top trim			416-400-008	416-400-009	416-400-010	416-400-011	416-400-012	416-400-013	416-400-014	
			\$958	\$1,080	\$1,117	\$1,163	\$1,245	\$1,284	\$1,394	
Standard Jacket Carton	416-400-050	\$ 232	1	1	1	1	1	1	1	1
Box Jacket Panel Left/Right/Top - 16	416-400-104	\$ 59	3	3	4	4	5	4	5	
Box Jacket Panel Left/Right/Top - 8	416-400-105	\$ 60		1		1		1		
Box Jacket Panel Left/Right/Front Outlet Top	416-400-106	\$ 78		1		1		2		
Box Jacket Panel Left/Right/Back Outlet Top	416-400-107	\$ 78	1		1				2	
Box Jacket Bracket Top Mounting Size A	416-400-109	\$ 21	2	2	2	3	3	3	3	
Box Jacket Bracket Bottom Mounting Size C	416-400-112	\$ 12	1	1	1	1	1	1	1	
Box Jacket Side Trims and Channels - 488	416-400-114	\$ 93								
Box Jacket Side Trims and Channels - 588	416-400-115	\$ 71								
Box Jacket Side Trims and Channels - 688	416-400-116	\$ 113								
Box Jacket Side Trims and Channels - 788	416-400-117	\$ 175								
Box Jacket Side Trims and Channels - 888	416-400-118	\$ 214								
Box Jacket Side Trims and Channels - 988	416-400-119	\$ 184								
Box Jacket Side Trims and Channels - 1088	416-400-120	\$ 206								
Box Jacket Side Trims and Channels - 1188	416-400-121	\$ 188								
Box Jacket Side Trims and Channels - 1288	416-400-122	\$ 233	1							
Box Jacket Side Trims and Channels - 1388	416-400-123	\$ 249		1						
Box Jacket Side Trims and Channels - 1488	416-400-124	\$ 310			1					
Box Jacket Side Trims and Channels - 1588	416-400-125	\$ 229				1				
Box Jacket Side Trims and Channels - 1688	416-400-126	\$ 289					1			
Box Jacket Side Trims and Channels - 1788	416-400-127	\$ 249						1		
Box Jacket Side Trims and Channels - 1888	416-400-128	\$ 337								1
Box HXT bars Size A - Set of 9	416-400-130	\$ 46	1	4	1	4	5	4	5	
Box HXT bars Size B - Set of 6	416-400-131	\$ 23	4		5	1		2	1	
Bx Insl-Fg-F 78.0x3.0x48.0	416-400-132	\$ 28								
Bx Insl-Fg-F 142.0x3.0x48.0	416-400-133	\$ 46	1	1	1	1	1	1	1	1
C. Assembly Parts - Water & Steam			Includes: flue collar assembly, observation port assembly, cleanout plates, elastomer seals, rope, draw rods, silicone sealant.							
88 A-1 Assembly Parts	386-400-006	\$ 472								
88 A-2 Assembly Parts	386-400-011	\$ 752								
88 A-3 Assembly Parts	386-400-016	\$ 1,006	1	1						
88 A-4 Assembly Parts	386-400-021	\$ 1,138			1	1	1			
88 A-5 Assembly Parts	386-400-026	\$ 1,288						1	1	
88 B-1 Assembly Parts	386-400-031	\$ 81	1			1			1	
88 B-2 Assembly Parts	386-400-036	\$ 145	1	2			1			
D. Water Trim - Water Only			Includes: pressure/temperature gauge, relief valve, dual limit control.							
88 Water Trim 4-5	386-400-046	\$ 314								
88 Water Trim 6-8	386-400-051	\$ 531								
88 Water Trim 9-11	386-400-056	\$ 574								
88 Water Trim 12-18	386-400-061	\$ 757	1	1	1	1	1	1	1	1
D. Steam Trim - Steam Only			Includes: pressure gauge, high pressure limit control, relief valve, water gage, glass & cocks.							
88 Steam Trim 4-5	386-400-150	\$ 314								
88 Steam Trim 6-7	386-400-151	\$ 531								
88 Steam Trim 8	386-400-152	\$ 531								
88 Steam Trim 9	386-400-153	\$ 574								
88 Steam Trim 10-11	386-400-154	\$ 574								
88 Steam Trim 12-14	386-400-155	\$ 757	1	1	1					
88 Steam Trim 15-18	386-400-156	\$ 757				1	1	1	1	1

Model 80: Beckett Commercial

TRADE PRICE FOR COMPLETE BOILER-BURNER UNITS AND CONTROLS
PRESSURIZED FOR FORCED DRAFT OR BALANCED DRAFT VENTING

Steam-Water
Gas / Oil

Boiler Number	I=B=R			I=B=R Rating			Approx. Shipping Weight	OIL (BL)			GAS (BG)				Packaged Boiler Adder
	Oil Input GPH	Gas Input MBH	Gross Output MBH	Water MBH	Steam MBH	Steam Sq. Ft.		Burner Model	Motor H.P.	TRADE PRICE	Burner Model	Motor H.P.	* Min Gas Pres.	TRADE PRICE	
*-380+F	2.40	346	278	242	208	867	1,355	CF500	1/3	\$4,877	CG10.1S	1/3	3.3	\$6,933	\$2,937
*-480+F	3.40	491	396	344	297	1,238	1,615	CF500	1/3	\$5,658	CG10.3S	1/3	3.5	\$7,714	\$3,123
*-580+F	4.45	639	515	448	386	1,608	1,875	CF800	1/3	\$6,512	CG10.4S	1/3	4.5	\$8,496	\$3,310
*-680+F	5.50	787	634	551	476	1,983	2,130	CF800	1/3	\$7,297	CG10.5S	1/3	5.5	\$9,322	\$3,498
*-780+F	6.50	935	753	655	565	2,354	2,390	CF1400	1/2	\$9,473	CG10.6S	1/3	5.3	\$10,098	\$3,684
*-880+F	7.50	1,082	872	758	654	2,725	2,650	CF1400	1/2	\$10,254	CG10.6S	1/3	6.5	\$10,879	\$3,884
*-980+F	8.50	1,230	991	862	743	3,096	2,910	CF1400	1/2	\$11,037	CG15.3S	1/2	6.0	\$13,165	\$4,071
*-1080+F	9.60	1,378	1,110	965	833	3,471	3,165	CF1400	1/2	\$11,819	CG15.4S	1/2	6.0	\$13,947	\$4,258
*-1180+F	10.60	1,526	1,229	1,069	922	3,842	3,425	CF2300A	3/4	\$12,963	CG25.2S	3/4	5.3	\$15,184	\$4,445
*-1280+F	11.60	1,674	1,348	1,172	1,018	4,242	3,680	CF2300A	3/4	\$13,747	CG25.2S	3/4	5.5	\$15,968	\$4,632

* Substitute L for Oil, G for Gas, or GL for Gas & Oil.

* Gas Pressures listed are for Natural Gas (in inches of Water Column). Consult WMC for LP Combustion Requirements.

+ Substitute S for steam, W for water.

Model 88 Series 2: Beckett Commercial

TRADE PRICE FOR COMPLETE BOILER-BURNER UNITS AND CONTROLS
PRESSURIZED FOR FORCED DRAFT OR BALANCED DRAFT VENTING

Steam-Water
Gas / Oil

Boiler Number	I=B=R			I=B=R Rating			Approx. Shipping Weight	OIL (BL)			GAS (BG)				Packaged Boiler Adder
	Oil Input GPH	Gas Input MBH	Gross Output MBH	Water MBH	Steam MBH	Steam Sq. Ft.		Burner Model	Motor H.P.	TRADE PRICE	Burner Model	Motor H.P.	* Min Gas Pres.	TRADE PRICE	
*-488R+F	6.9	996	827	719	620	2,583	2,648	CF1400	1/2	\$12,005	CG10.6S	1/3	6.3	\$12,630	\$4,193
*-488+F	7.0	1,010	839	730	629	2,621	2,648	CF1400	1/2	\$12,263	CG10.6S	1/3	6.3	\$12,630	\$4,193
*-588+F	9.4	1,356	1,126	979	845	3,521	3,210	CF2300A	3/4	\$14,056	CG25.2S	3/4	6.0	\$16,277	\$4,414
*-688+F	11.8	1,701	1,413	1,229	1,072	4,469	3,772	CF2300A	3/4	\$16,075	CG25.2S	3/4	6.0	\$18,296	\$4,623
*-788+F	14.2	2,046	1,700	1,478	1,311	5,463	4,334	CF2300A	3/4	\$18,029	CG50.1S	2	4.8	\$21,179	\$4,842
*-888+F	16.6	2,382	1,987	1,728	1,543	6,427	4,896	CF2300A	3/4	\$21,314	CG50.2S	2	4.8	\$22,972	\$5,051
*-988R+F	17.2	2,482	2,062	1,793	1,601	6,671	5,458	CF2500A	2.0	\$23,255	CG50.2S	2	5.5	\$24,913	\$5,272
*-988+F	18.8	2,737	2,274	1,977	1,766	7,358	5,458	CF2500A	2.0	\$23,255	CG50.2S	2	6.8	\$24,913	\$5,272
*-1088R+F	20.0	2,887	2,399	2,086	1,863	7,763	6,020	CF2500A	2.0	\$25,089	CG50.3S	2	5.0	\$27,812	\$5,479
*-1088+F	21.5	3,082	2,561	2,227	1,988	8,283	6,020	CF2500	2.0	\$26,354	CG50.3S	2	5.8	\$27,812	\$5,479
*-1188+F	23.5	3,428	2,848	2,477	2,211	9,213	6,582	CF2500	2.0	\$28,129	CG50.4S	2	5.8	\$29,587	\$5,688
*-1288+F	26.0	3,773	3,135	2,726	2,434	10,147	7,144	CF3500A	2.0	\$30,414	CG50.4S	2	7.0	\$31,611	\$5,897
*-1388+F	28.5	4,119	3,422	2,976	2,657	11,071	7,706	CF3500A	2.0	\$32,274	CG50.5S	2	6.0	\$34,348	\$6,116

* Substitute L for Oil, G for Gas, or GL for Gas & Oil.

* Gas Pressures listed are for Natural Gas (in inches of Water Column). Consult WMC for LP Combustion Requirements.

+ Substitute S for steam, W for water.

Notes:

* Siemens RWF40 Controller can Lead / Lag Up to (3) Modulating Boiler / Burner units.

- Consult Weil-McLain for details.

* CSD-1 Code Approved Gas Burners Do include (2) Manual Leak Test cocks - As Required.

* CSD-1 Code Approved Oil Burners Do NOT Include an Oil Filter. As Required - By Others

* Consult Weil-McLain for L.P. gas applications

Low High Low & Modulating Control provided at additional charge.

See page 72 for pricing.

Optional Equipment Adders	Trade / Each
Control Circuit Transformer	\$1,390
Fuse & Fuse Holder - Included w/ CCT (Need Panel) CCT, F & F/H on CF500, CF800 & CG10's - Field Installed	
CSD-1 Approved Fuel Systems (Gas & Oil) - Std	
Outdoor Sensor - Field Installed	\$100
* Must add for Modulating Burner (w/ RWF40 control) * Recommend 14 AWG - 250' max. / 20 AWG @ 100' max.	
H/well Lo (C6097A) / Hi (6097B) GPS - Standard On Gas	
Honeywell's S7800A1142 Display	\$690
Panel Relay for Alarm or CAD (Panel Req'd)	\$40
BMCPanel (120v) w/ Flame Failure w/ Low Water, High Limit Call 4 Heat, Ignition & Alarm Silence Switch (12" x 16")	\$1,100
Upgrade (Gas Only) RM7895A to RM7895C/UV	\$100
Upgrade (Gas Only) RM7895A to RM7840L/UV	\$670
Upgrade (Gas Only) RM7895C to RM7840L/UV	\$570
Upgrade to RM7800L/UV - add Display above	

Optional Beckett Equipment (Add to Price)

Fuel	Size	Burner Model	Standard Flame Safeguard	UL Mode of Operation					⁽¹⁾ BMCP or Remote Cntrl Panel	Proven Low Fire Start (std on Mod)	ELECTRICAL INFORMATION		
				On / Off	**Low High Off	**Low High Low	**Full Mod. 135 Ohm	**Full Mod RWF40			120-1	240-1	Three Phase
Series 80 Oil	380 - 680	CF500/CF800	7505P1515	Std	N/A	N/A	N/A	N/A	N/A	N/A	Std	20	N/A
	780 - 1280	CF1400/CF2300	7505P1515	N/A	Std	0	N/A	N/A	680	1,550	Std	20	280
	488R - 1088R	CF1400/CF2300A	7505P1515	N/A	Std	0	N/A	N/A	680	1,550	Std	20	260
Series 88 Oil	1088 - 1388	CF2500/CF3500A	RM7840M/VL	N/A	Std	0	N/A	N/A	680	Std	NC	Std	260
Series 80 Gas	380 - 880	CG10.1S	RM7895A/UV	Std	N/A	N/A	N/A	N/A	N/A	N/A	Std	20	N/A
	980 - 1080	CG15.xS	RM7895C/UV	N/A	Std	0	1,020	2,090	680	580	Std	10	260
	1180 - 1280	CG25.2S	RM7895C/UV	N/A	Std	0	1,040	2,400	680	580	Std	10	280
Series 88 Gas	488R & 488	CG10.6S	RM7895A/UV	Std	N/A	N/A	N/A	N/A	N/A	N/A	Std	20	N/A
	588 & 688	CG25.2S	RM7895C/UV	N/A	Std	0	1,040	2,400	680	580	Std	10	280
	788	CG50.1S	RM7895C/UV	N/A	Std	0	1,160	2,370	680	580	N/A	Std	260
	888 - 988	CG50.2S	RM7895C/UV	N/A	Std	0	1,160	2,370	680	580	N/A	Std	260
	1088 - 1288	CG50.3S	RM7895C/UV	N/A	Std	0	690	1,900	680	580	N/A	Std	260
	1388	CG50.5S	RM7895C/UV	N/A	Std	0	900	2,100	680	580	N/A	Std	260

⁽¹⁾ 12" x 12" Electrical Cabinet w/ Power On Lambo. PO Switch & Fuel On Lambo.

+ IRI has been replaced by GE GAP requirements & is compliant w/ CSD-1 Code

Fuel	Size	Burner Model	FM Code Insurance				Former IRI Code Insurance				Vent Valve, POC, Alarm			
			On / Off	**Low High Off	**Low High Low	**Full Mod. 135 Ohm	**Full Mod RWF40	On / Off	Low High Off	Low High Low	⁽¹⁾ Full Mod w/ RM7840L	Low High Off w/ RM7895C	Low High Low w/ RM7895C	
Series 80 Oil	380 - 680	CF500/CF800	120	N/A	N/A	N/A	N/A	150	N/A	N/A	N/A	N/A	N/A	N/A
	780 - 1080	CF1400	120	N/A	N/A	N/A	N/A	150	N/A	N/A	N/A	N/A	N/A	N/A
	1180 - 1280	CF2300A	120	N/A	N/A	N/A	N/A	150	N/A	N/A	N/A	N/A	N/A	N/A
Series 88 Oil	488R	CF1400	120	N/A	N/A	N/A	N/A	150	N/A	N/A	N/A	N/A	N/A	N/A
	488 - 1088R	CF2300A/CF2500A	N/A	Std.	0	N/A	N/A	N/A	Std.	Std.	N/A	N/A	N/A	N/A
	10 - 1388	CF2500/CF3500A	N/A	Std.	0	N/A	N/A	N/A	Std.	Std.	N/A	N/A	N/A	N/A
Series 80 Gas	380 - 880	CG10.xS	40	Std.	N/A	N/A	N/A	1,720	N/A	N/A	N/A	N/A	N/A	N/A
	980 & 1080	CG15.xS	N/A	30	30	1,020	2,090	N/A	2,740	2,740	3,850	2,150	2,150	
	1180 - 1280	CG25.2S	N/A	20	20	1,040	2,400	N/A	2,640	2,640	3,840	2,050	2,050	
Series 88 Gas	488R & 488	CG10.6S	30	N/A	N/A	N/A	N/A	2,020	N/A	N/A	N/A	N/A	N/A	
	588 & 688	CG25.2S	N/A	20	20	1,040	2,400	N/A	2,640	2,640	3,840	2,050	2,050	
	788	CG50.1S	N/A	Std	0	1,160	2,370	N/A	2,740	2,740	3,980	2,160	2,160	
	888 - 988	CG50.2S	N/A	Std	0	1,160	2,370	N/A	2,110	2,110	3,980	1,550	1,550	
	10R - 1288	CG50.3S	N/A	Std	0	690	1,900	N/A	2,110	2,110	3,480	1,550	1,550	
	1388	CG50.5S	N/A	Std	0	900	2,100	N/A	3,420	3,420	5,060	2,840	2,840	

Note: IRI requires 8 air changes at 70% of high fire. Beckett uses RM7840L to meet code.

Notes: ** Low High Low & Modulating Control provided at additional cost.

Model 80: Carlin Combustion

TRADE PRICE FOR COMPLETE BOILER-BURNER UNITS AND CONTROLS
PRESSURIZED FOR FORCED DRAFT OR BALANCED DRAFT VENTING

Steam-Water
Gas / Oil

Boiler Number	I=B=R			I=B=R Rating			Boiler Horse Power (H.P.)	I=B=R Vent Diameter	Approx. Shipping Weight	OIL (BL)			GAS (BG)				Packaged Boiler Adder
	Oil Input GPH	Gas Input MBH	Gross Output MBH	Water MBH	Steam MBH	Steam Sq. Ft.				Burner Model	Motor H.P.	TRADE PRICE	Burner Model	Motor H.P.	* Min Gas Pres.	TRADE PRICE	
*-380+F	2.40	346	278	242	208	867	8.3	6	1,355	EZ-3HP-W	1/7	\$4,472	201	1/6	5	\$5,217	\$2,937
*-480+F	3.40	491	396	344	297	1,238	11.8	7	1,615	201CRD-W	1/4	\$5,669	301	1/6	5	\$7,195	\$3,123
*-580+F	4.45	639	515	448	386	1,608	15.4	8	1,875	301CRD-W	1/4	\$6,494	301	1/6	5	\$7,977	\$3,310
*-680+F	5.50	787	634	551	476	1,983	18.9	8	2,130	301CRD-W	1/4	\$7,279	301	1/6	5	\$8,762	\$3,498
*-780+F	6.50	935	753	655	565	2,354	22.5	9	2,390	702CRD-W	1/2	\$9,214	301	1/6	5	\$9,538	\$3,684
*-880+F	7.50	1,082	872	758	654	2,725	26.0	10	2,650	702CRD-W	1/2	\$9,995	601	1/2	5	\$10,725	\$3,884
*-980+F	8.50	1,230	991	862	743	3,096	29.6	10	2,910	702CRD-W	1/2	\$10,778	601	1/2	5	\$11,865	\$4,071
*-1080+F	9.60	1,378	1,110	965	833	3,471	33.2	10	3,165	702CRD-W	1/2	\$11,560	601	1/2	5	\$12,647	\$4,258
*-1180+F	10.60	1,526	1,229	1,069	922	3,842	36.7	10	3,425	702CRD-W	1/2	\$12,340	NA				\$4,445
*-1280+F	11.60	1,674	1,348	1,172	1,018	4,242	40.3	12	3,680	801CRD-W	3/4	\$13,432	NA				\$4,632

* Substitute L for Oil, G for Gas, or GL for Gas & Oil.
+ Substitute S for steam, W for water.

Model 88 Series 2: Carlin Combustion

TRADE PRICE FOR COMPLETE BOILER-BURNER UNITS AND CONTROLS
PRESSURIZED FOR FORCED DRAFT OR BALANCED DRAFT VENTING

Steam-Water
Oil

Boiler Number	I=B=R			I=B=R Rating			Boiler Horse Power (H.P.)	I=B=R Vent Diameter	Approx. Shipping Weight	OIL (BL)			Packaged Boiler Adder
	Oil Input GPH	Gross Output MBH	Water MBH	Steam MBH	Steam Sq. Ft.	Burner Model				Motor H.P.	TRADE PRICE		
*-488R+F	6.9	827	719	620	2,583	24.7	10	2,648	702CRD-W	1/2	\$11,746	\$4,193	
*-488+F	7.0	839	730	629	2,621	25.1	10	2,648	702CRD-W	1/2	\$11,746	\$4,193	
*-588+F	9.4	1,126	979	845	3,521	33.6	10	3,210	702CRD-W	1/2	\$13,539	\$4,414	
*-688+F	11.8	1,413	1,229	1,072	4,469	42.2	10	3,772	801CRD-W	3/4	\$15,857	\$4,623	
*-788+F	14.2	1,700	1,478	1,311	5,463	50.8	12	4,334	801CRD-W	3/4	\$17,811	\$4,842	
*-888+F	16.6	1,987	1,728	1,543	6,427	59.4	12	4,896	801CRD-W	3/4	\$19,604	\$5,051	
*-988R+F	17.2	2,062	1,793	1,601	6,671	61.6	14	5,458	1050FFD	1	\$22,668	\$5,272	
*-988+F	18.8	2,274	1,977	1,766	7,358	67.9	14	5,458	1050FFD	1	\$22,668	\$5,272	
*-1088R+F	20.0	2,399	2,086	1,863	7,763	71.7	14	6,020	1050FFD	1	\$24,502	\$5,479	
*-1088+F	21.5	2,561	2,227	1,988	8,283	76.5	14	6,020	1050FFD	1	\$27,337	\$5,479	
*-1188+F	23.5	2,848	2,477	2,211	9,213	85.1	14	6,582	1150FFD	1 1/2	\$29,710	\$5,688	
*-1288+F	26.0	3,135	2,726	2,434	10,147	93.7	14	7,144	1150FFD	1 1/2	\$31,734	\$5,897	
*-1388+F	28.5	3,422	2,976	2,657	11,071	102.2	14	7,706	1150FFD	1 1/2	\$33,594	\$6,116	
*-1488+F	31.0	3,709	3,225	2,880	12,000	110.8	16	8,268	1150FFD	1 1/2	\$35,147	\$6,324	

* Substitute L for Oil, G for Gas, or GL for Gas & Oil.
+ Substitute S for steam, W for water.

Notes:

	Optional Equipment Adders:	Trade / Each
Low High Low & Modulating Control provided at additional charge.	Control Circuit Transformer - (480v / 3 Phase)	\$991
See page 72 for pricing.	Control Circuit Transformer - (208v / 3 Phase)	\$478
	NOT available for 380 - 680 Burners	
	Fuse & Fuse Holder - Standard w/ Control Panel	
	CSD-1 Fuel Systems - Oil (Filter By Others)	Std
	Burner Mounted Control Panel w/ Lamps	\$811
	Remote Mounted Control Panel w/ Lamps	\$922
	NOT available for 380 Burner (EZ-3HP-W)	
	Additional Panel Lamp	\$37
	Panel Relay	\$22
	Alarm Bell	\$430
	Alarm Silencing system	\$72
	SPST isolating relay	\$58
	Air Flow Switch	\$139
	Low Oil Pressure Switch	\$703
	24 Volt transformer for flame failure alarm signal	\$108
	Safety Oil Valve	\$96
	Oil Pressure Gage	\$36

Optional Carlin Combustion Equipment: Add to Trade Price

Fuel	Size	Burner Model	Standard Flame Safeguard	UL Mode of Operation				Low Fire Start	ELECTRICAL INFORMATION		
				On / Off	**Low High Off	**Low High Low	**Full Mod		120-1	230-1	Three Phase
Series 80 Oil	380	EZ-3HP-W	60200/CC	Std	N/A	N/A	N/A	N/A	Std	NC	N/A
	480	201CRD-W	60200/CC	Std	N/A	N/A	N/A	N/A	Std	NC	N/A
	580 - 680	301CRD-W	60200/CC	Std	N/A	N/A	N/A	N/A	Std	NC	N/A
	780 - 1180	702CRD-W	60200/CC	N/A	Std	0	N/A	Timed	Std	NC	N/A
	1280	801CRD-W	60200/CC	N/A	Std	0	N/A	Timed	NC	Std	70
Series 88 Oil	488R - 588	702CRD-W	60200/CC	N/A	Std	0	N/A	Timed	Std	NC	N/A
	688 - 888	801CRD-W	60200/CC	N/A	Std	0	N/A	Timed	NC	Std	70
	988R - 1088R	1050FFD	60200/CC	N/A	Std	0	N/A	Timed	Std	Std	80
	1088 - 1488	1050FFD	RM7840L/UV	N/A	Std	0	N/A	Timed	NC	Std	80
Series 80 Gas	380	201	60200FR	Std	N/A	N/A	N/A	N/A	Std	NC	N/A
	480 - 780	301	60200FR	Std	N/A	N/A	N/A	N/A	Std	NC	N/A
	880 - 1080	601	60200FR	Std	N/A	N/A	N/A	N/A	Std	NC	N/A

+ IRI has been replaced by GE GAP requirements & is covered w/ CSD-1 Code (Standard, Fuel Filter By Others)

Fuel	Size	Burner Model	+ CSD-1 Code Approval	FM Code Insurance				Former IRI Code Insurance			
				On / Off	⁽¹⁾ Low High Off**	⁽¹⁾ Low High Low**	Full Mod**	On / Off	⁽¹⁾ Low High Off	⁽¹⁾ Low High Low	Full Mod
Series 80 Oil	380	EZ-3HP-W	Std	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	480	201CRD-W	Std	1,200	N/A	N/A	N/A	3,120	N/A	N/A	N/A
	580 - 680	301CRD-W	Std	1,200	N/A	N/A	N/A	3,120	N/A	N/A	N/A
	780 - 1180	702CRD-W	Std	N/A	1,200	1,200	N/A	N/A	2,790	2,790	N/A
	1280	801CRD-W	Std	N/A	1,200	1,200	N/A	N/A	2,790	2,790	N/A
Series 88 Oil	488R - 588	702CRD-W	Std	N/A	1,200	1,200	N/A	N/A	2,790	2,790	N/A
	688 - 888	801CRD-W	Std	N/A	1,200	1,200	N/A	N/A	2,790	2,790	N/A
	988R - 1088R	1050FFD	Std	N/A	1,200	1,200	N/A	N/A	2,790	2,790	N/A
	1088 - 1488	1050FFD	Std	N/A	100	100	N/A	N/A	840	840	N/A
Series 80 Gas	380	201	Std	N/A	N/A	N/A	N/A	Consult Ftry	N/A	N/A	N/A
	480 - 780	301	Std	N/A	N/A	N/A	N/A	Consult Ftry	N/A	N/A	N/A
	880 - 1080	601	Std	N/A	N/A	N/A	N/A	Consult Ftry	N/A	N/A	N/A

Notes:

⁽¹⁾ Consult Weil-McLain if FM or Former IRI Code Compliance is Required. Compliance accomplished w/ Side Scan UV detector.

**Low High Low & Modulating Control provided at additional charge.

Model 80: Power Flame C Burners

TRADE PRICE FOR COMPLETE BOILER-BURNER UNITS AND CONTROLS

Steam-Water
Gas / Oil / Gas-Oil

PRESSURIZED FOR FORCED DRAFT OR BALANCED DRAFT VENTING

Boiler Number	I=B=R			Approx. Shipping Weight	OIL (BL)			GAS (BG)				GAS - OIL (BGL)				Packaged Boiler Adder
	Oil Input GPH	Gas Input MBH	Gross Output MBH		Burner Model	Motor H.P.	TRADE PRICE	Burner Model	Motor H.P.	* Min Gas Pres.	TRADE PRICE	Burner Model	Motor H.P.	* Min Gas Pres.	TRADE PRICE	
*-380+F	2.40	346	278	1,355	N.A.			N.A.				N.A.				\$2,937
*-480+F	3.40	491	396	1,615	WCR1-O	1/3	\$8,606	WCR1-G-10	1/3	4.1	\$9,307	WCR1-GO-10	1/3	4.1	\$9,922	\$3,123
*-580+F	4.45	639	515	1,875	WCR1-O	1/3	\$9,991	WCR1-G-10	1/3	3.9	\$9,166	WCR1-GO-10	1/3	3.9	\$10,277	\$3,310
*-680+F	5.50	787	634	2,130	WCR1-O	1/3	\$10,800	WCR1-G-10	1/3	4.6	\$10,015	WCR1-GO-10	1/3	4.6	\$11,061	\$3,498
*-780+F	6.50	935	753	2,390	WCR1-O	1/2	\$11,725	WCR1-G-12	1/2	4.6	\$10,935	WCR1-GO-12	1/2	4.6	\$12,026	\$3,684
*-880+F	7.50	1,082	872	2,650	WCR1-O	1/2	\$12,506	WCR1-G-12	1/2	5.0	\$11,716	WCR1-GO-12	1/2	5.0	\$12,807	\$3,884
*-980+F	8.50	1,230	991	2,910	WCR1-O	1/2	\$13,289	WCR1-G-12	1/2	5.4	\$12,499	WCR1-GO-12	1/2	5.4	\$13,590	\$4,071
*-1080+F	9.60	1,378	1,110	3,165	WCR1-O	1/2	\$14,071	WCR1-G-12	1/2	5.9	\$13,278	WCR1-GO-12	1/2	5.9	\$14,373	\$4,258
*-1180+F	10.60	1,526	1,229	3,425	WCR2-OA	3/4	\$14,638	WCR2-G-15	1/2	6.2	\$14,159	WCR2-GO-15	3/4	6.2	\$15,333	\$4,445
*-1280+F	11.60	1,674	1,348	3,680	WCR2-OA	3/4	\$15,422	WCR2-G-15	1/2	7.0	\$14,943	WCR2-GO-15	3/4	7.0	\$16,117	\$4,632

* Substitute L for Oil, G for Gas, or GL for Gas & Oil.

* Gas Pressures listed are for Natural Gas (in inches of Water Column). Consult WMc for LP Combustion Requirements.

+ Substitute S for steam, W for water.

Model 88 Series 2: Power Flame C Burners

TRADE PRICE FOR COMPLETE BOILER-BURNER UNITS AND CONTROLS

Steam-Water
Gas / Oil / Gas-Oil

PRESSURIZED FOR FORCED DRAFT OR BALANCED DRAFT VENTING

Boiler Number	I=B=R			Approx. Shipping Weight	OIL (BL)			GAS (BG)				GAS-OIL (BGL)				Packaged Boiler Adder
	Oil Input GPH	Gas Input MBH	Gross Output MBH		Burner Model	Motor H.P.	TRADE PRICE	Burner Model	Motor H.P.	* Min Gas Pres.	TRADE PRICE	Burner Model	Motor H.P.	* Min Gas Pres.	TRADE PRICE	
*-488R+F	6.9	996	827	2,648	WCR1-O	1/2	\$13,440	WCR1-G-12	1/3	4.3	\$13,985	WCR1-GO-12	1/2	4.3	\$14,828	\$4,193
*-488+F	7.0	1,010	839	2,648	WCR1-O	1/2	\$13,440	WCR1-G-12	1/3	4.3	\$13,985	WCR1-GO-12	1/2	4.3	\$14,828	\$4,193
*-588+F	9.4	1,356	1,126	3,210	WCR1-O	1/2	\$15,233	WCR1-G-12	1/2	4.4	\$15,962	WCR1-GO-12	1/2	4.4	\$16,837	\$4,414
*-688+F	11.8	1,701	1,413	3,772	WCR2-OA	3/4	\$17,666	WCR2-G-15	1/2	4.4	\$18,532	WCR2-GO-15	3/4	4.4	\$19,903	\$4,623
*-788+F	14.2	2,046	1,700	4,334	WCR2-OA	3/4	\$19,620	WCR2-G-15	1/2	4.8	\$20,572	WCR2-GO-15	3/4	4.8	\$21,953	\$4,842
*-888+F	16.6	2,382	1,987	4,896	WCR2-OB	1	\$21,499	WCR2-G-20A	3/4	6.8	\$22,509	WCR2-GO-20A	1	6.8	\$23,931	\$5,051
*-988R+F	17.2	2,482	2,062	5,458	WCR2-OB	1	\$23,588	WCR2-G-20B	1	6.2	\$24,612	WCR2-GO-20B	1	6.2	\$25,962	\$5,272
*-988+F	18.8	2,737	2,274	5,458	WCR2-OB	1 1/2	\$23,588	WCR2-G-20B	1	6.4	\$24,862	WCR2-GO-20B	1 1/2	6.4	\$26,113	\$5,272
*-1088R+F	20.0	2,887	2,399	6,020	WCR2-OB	1 1/2	\$25,422	WCR2-G-20B	1	6.9	\$26,696	WCR2-GO-20B	1 1/2	6.9	\$27,947	\$5,479
*-1088+F	21.5	3,082	2,561	6,020	WCR3-O	1 1/2	\$26,961	WCR3-G-20	1 1/2	6.3	\$27,278	WCR3-GO-20	2	6.3	\$29,353	\$5,479
*-1188R+F	23.5	3,428	2,848	6,582	WCR3-O	2	\$28,736	WCR3-G-20	1 1/2	5.4	\$29,053	WCR3-GO-20	2	5.4	\$31,128	\$5,688
*-1288R+F	26.0	3,773	3,135	7,144	WCR3-O	2	\$30,760	WCR3-G-20	1 1/2	6.5	\$31,077	WCR3-GO-20	2	6.5	\$33,152	\$5,897
*-1388R+F	28.5	4,119	3,422	7,706	WCR3-O	2	\$32,620	WCR3-G-25	1 1/2	6.2	\$33,131	WCR3-GO-25	2	6.2	\$35,133	\$6,116
*-1488R+F	31.0	4,464	3,709	8,268	WCR3-OB	3	\$35,082	WCR3-G-25B	3	8.2	\$34,832	WCR3-GO-25B	3	8.2	\$37,289	\$6,324
*-1588R+F	33.0	4,809	3,996	8,830	WCR3-OB	3	\$36,883	WCR3-G-25B	3	9.2	\$36,633	WCR3-GO-25B	3	9.2	\$39,113	\$6,546
*-1688R+F	34.5	4,979	4,137	9,392	WCR3-OB	3	\$38,703	WCR3-G-25B	3	9.9	\$38,386	WCR3-GO-25B	3	9.9	\$40,933	\$6,788
*-1688+F	35.5	5,155	4,283	9,392	WCR3-OB	3	\$38,703	WCR3-G-25B	3	10.6	\$38,510	WCR3-GO-25B	3	10.6	\$41,048	\$6,788
*-1788R+F	38.0	5,494	4,570	9,954	WCR4-OA	5	\$40,860	WCR4-G-25	3	9.3	\$40,657	WCR4-GO-25	5	9.3	\$43,285	\$6,972
*-1888R+F	40.5	5,845	4,857	10,516	WCR4-OA	5	\$42,725	WCR4-G-25	3	10.3	\$42,522	WCR4-GO-25	5	10.3	\$45,150	\$7,181

* Substitute L for Oil, G for Gas, or GL for Gas & Oil.

* Gas Pressures listed are for Natural Gas (in inches of Water Column). Consult WMc for LP Combustion Requirements.

+ Substitute S for steam, W for water.

* CSD-1 Code Approved Oil & Gas-Oil Burners Include Oil Filter

Notes:

* L. P. Gas Combustion - K3A Solenoid Valve & Stand alone regulator required - Consult WMc for pricing.

* Pilot Failure Lamp & Bell Requires (2) Relays - Not One.

Low High Low & Modulating Control provided at additional charge.

See page 72 for pricing.

Optional Equipment Adders	Trade / Each
Control Circuit Transformer	\$340
Fuse & Fuse Holder	\$40
* F/Fuse Holder Std w/ Control Circuit Transformer	
Alarm Bell (requires Panel, Lamp & Relay) - Std on IRI	\$190
Panel Relay for Alarm (Panel Required)	\$60
(4) Lamp (\$130) & (6) Lamp (\$170) Circuit Boards - Pnl Req'd	
Numbered (\$530) & Color Coded (\$110) Wiring Diagram	
Automatic Alarm Silencing Switch	\$110
Antunes Ventless Lo (LGP-G) / Hi (HGP-G) GPS	\$82
* (UL) Gas Pressure Switches Std over 2,500 Input	
Proof-Of-Closure (POC) on Motorized Valve	\$160
CAD - Combustion Air Damper Relay	\$130
Lo Fire Hold Switch - Std on LHL w/ Alpha Panel	\$50
Honeywell's S7800A1142 Display	\$818
S7830A or E300 Annunciators - mtd & wired	\$1,930
* Requires either RM78xx or E110/EP FSG	

Optional Power Flame C Burners Equipment: Add to Trade Price

Fuel	Size	Burner Model	Standard Flame Safeguard	UL Mode of Operation				Burner Mounted Control Panel	Remote Mounted Control Panel	Proven Low Fire Start (std on Mod)	ELECTRICAL INFORMATION		
				On / Off	**Low High Off	**Low High Low	**Full Mod				120-1	240-1	Three Phase
Series 80 Oil	480	WCR1-O	R7184P/CC	STD	N/A	N/A	N/A	STD	580	240	STD	100	280
	5 - 680	WCR1-O	R7184P/CC	N/A	STD	130	1,270	STD	580	240	STD	100	280
	7 - 1080	WCR1-O	R7184P/CC	N/A	STD	90	1,310	STD	580	240	STD	100	280
	11 - 1280	WCR2-OA	R7184P/CC	N/A	STD	90	1,480	STD	580	240	40	STD	160
Series 88 Oil	4R - 588	WCR1-O	R7184P/CC	STD	400	490	1,590	STD	580	240	STD	100	STD
	6 & 788	WCR2-OA	R7184P/CC	N/A	STD	200	1,340	STD	580	240	40	STD	160
	8 - 1088R	WCR2-OB	R7184P/CC	N/A	STD	30	1,470	STD	580	240	40	STD	160
	10 - 1188	WCR3-O	RM7897C/UV	N/A	STD	140	1,410	STD	580	240	40	N/C	STD
	12 & 1388	WCR3-O	RM7897C/UV	N/A	STD	140	1,410	STD	580	240	100	N/C	STD
	14 - 1688R	WCR3-OB	RM7897C/UV	N/A	STD	360	1,300	STD	580	240	N/A	N/A	STD
	17 - 1888	WCR4-OA	RM7897C/UV	N/A	STD	250	1,380	STD	580	240	N/A	N/A	STD
Series 80 Gas	4 & 580	WCR1-G-10	RM7897A/UV	STD	N/A	N/A	N/A	STD	580	270	STD	100	280
	6 - 1080	WCR1-G-x	RM7897A/UV	STD	570	820	1,570	STD	580	270	STD	100	280
	11 - 1280	WCR2-G-15	RM7897A/UV	STD	490	750	1,560	STD	580	270	STD	100	280
Series 88 Gas	4R & 488	WCR1-G-12	RM7897A/UV	STD	550	800	1,460	STD	580	270	STD	100	280
	588	WCR1-G-12	RM7897A/UV	STD	550	800	1,460	STD	580	270	STD	20	200
	6 & 788	WCR2-G-15	RM7897A/UV	N/A	STD	360	950	STD	580	270	STD	20	200
	8 & 988R	WCR2-G-20x	RM7897A/UV	N/A	STD	360	1,000	STD	580	270	40	STD	200
	9 - 1088R	WCR2-G-20B	RM7897C/UV	N/A	STD	270	1,400	STD	580	270	40	N/C	STD
	10 & 1288	WCR3-G-20	RM7897C/UV	N/A	STD	330	1,450	STD	580	270	40	N/C	STD
	1388	WCR3-G-25	RM7897C/UV	N/A	STD	330	1,450	STD	580	270	40	N/C	STD
	14 - 1688	WCR3-G-25B	RM7897C/UV	N/A	STD	310	1,460	STD	580	270	N/A	N/A	STD
	17 - 1888	WCR4-G-25	RM7897C/UV	N/A	STD	310	1,480	STD	580	270	N/A	N/A	STD
Series 80 Gas & Oil	480	WCR1-GO-10	RM7897C/UV	STD	N/A	N/A	N/A	STD	580	270	STD	100	280
	5 & 680	WCR1-GO-10	RM7897C/UV	STD	620	900	1,650	STD	580	270	STD	100	280
	7 - 1080	WCR1-GO-12	RM7897C/UV	STD	640	920	1,890	STD	580	270	STD	100	280
	11 - 1280	WCR2-GO-15	RM7897C/UV	STD	680	930	1,790	STD	580	270	30	STD	160
Series 88 Gas & Oil	4 - 588	WCR1-GO-12	RM7897C/UV	STD	870	1,260	2,200	STD	580	270	STD	20	STD
	6 & 788	WCR2-GO-15	RM7897C/UV	N/A	STD	300	1,160	STD	580	270	40	STD	160
	8 - 1088R	WCR2-GO-20x	RM7897C/UV	N/A	STD	300	1,080	STD	580	270	40	STD	200
	10 - 1288	WCR3-GO-20	RM7897C/UV	N/A	STD	540	1,430	STD	580	270	100	N/C	STD
	1388	WCR3-GO-25	RM7897C/UV	N/A	STD	490	1,590	STD	580	270	100	N/C	STD
	14 - 1688	WCR3-GO-25B	RM7897C/UV	N/A	STD	560	1,750	STD	580	270	N/A	N/A	STD
	17 - 1888	WCR4-GO-25	RM7897C/UV	N/A	STD	660	1,540	STD	580	270	N/A	N/A	STD

**Low High Low & Modulating Control Provided at additional charge. See Page 72 for pricing.

* Modulating Burner Includes Manual Potentiometer - Standard * IRI Has Been Replaced by GE GAP Requirements & Is Covered w/ CSD-1 Code Approval

Fuel	Size	Burner Model	Std Mode of Ignition	+ CSD-1 Code Approval	Direct Spark of Oil	FM Code Insurance				* Former IRI Code Insurance			
						On / Off	**Low High Off	**Low High Low	**Full Mod	On / Off	Low High Off	Low High Low	Full Mod
Series 80 Oil	480	WCR1-O	Spark	120	Std	STD	N/A	N/A	N/A	1,020	N/A	N/A	N/A
	5 - 1080	WCR1-O	Spark	120	Std	N/A	STD	130	1,310	N/A	1,040	1,290	3,900
	11 - 1280	WCR2-OA	Spark	120	Std	N/A	STD	90	1,480	N/A	1,140	1,370	3,810
Series 88 Oil	4R - 588	WCR1-O	Spark	120	Std	STD	400	490	1,590	1,440	2,330	2,370	5,160
	6 - 1088R	WCR2-Ox	Spark	120	Std	N/A	STD	30	1,670	N/A	1,600	1,640	4,220
	1088-1388	WCR3-O	Spark	120	Std	N/A	470	510	2,210	N/A	510	550	3,250
	14 - 1688	WCR3-OB	Spark	120	Std	N/A	N/C	50	2,240	N/A	480	530	2,770
	17 - 1888	WCR4-OA	Spark	120	Std	N/A	N/C	40	2,070	N/A	540	580	2,420
Series 80 Gas	4 & 580	WCR1-G-10	Gas Pilot	120	N/A	STD	N/A	N/A	N/A	2,150	N/A	N/A	N/A
	688	WCR1-G-12	Gas Pilot	120	N/A	STD	570	810	1,300	2,060	2,360	2,890	4,510
	7 - 1080	WCR1-G-12	Gas Pilot	120	N/A	STD	570	820	1,570	2,080	2,500	3,060	4,690
	11 - 1280	WCR2-G-15	Gas Pilot	130	N/A	STD	490	750	1,560	2,050	2,200	2,700	4,280
Series 88 Gas	4 - 588	WCR1-G-12	Gas Pilot	120	N/A	STD	550	800	1,470	2,130	2,720	3,010	4,610
	6 - 788	WCR2-G-15	Gas Pilot	120	N/A	N/A	STD	360	950	N/A	1,830	2,310	3,980
	8 - 988R	WCR2-G-20x	Gas Pilot	130	N/A	N/A	STD	360	1,000	N/A	1,740	2,340	4,180
	9 - 1088R	WCR2-G-20B	Gas Pilot	140	N/A	N/A	280	700	1,970	N/A	1,210	1,740	3,440
	10 - 1288	WCR3-G-20	Gas Pilot	140	N/A	N/A	280	670	1,970	N/A	910	1,410	3,210
	1388	WCR3-G-25B	Gas Pilot	140	N/A	N/A	290	660	1,980	N/A	880	1,300	3,050
	14 - 1688R	WCR3-G-25B	Gas Pilot	140	N/A	N/A	270	530	2,170	N/A	830	1,180	3,140
16 - 1888	WCR3 / 4-Gx	Gas Pilot	140	N/A	N/A	440	700	2,130	N/A	850	1,340	3,110	
80 Gas & Oil	480	WCR1-GO-10	Gas Pilot	230	260	STD	N/A	N/A	N/A	1,750	N/A	N/A	N/A
	5 - 1080	WCR1-GOx	Gas Pilot	230	260	STD	620	900	1,650	1,730	1,860	2,410	4,260
	11 - 1280	WCR2-GO-15	Gas Pilot	240	260	STD	680	930	1,790	1,670	1,700	2,150	3,720
Series 88 Gas & Oil	4R - 588	WCR1-GO-12	Gas Pilot	260	260	STD	870	1,260	2,200	1,840	2,520	2,970	4,890
	6 - 788	WCR2-GO-15	Gas Pilot	270	260	N/A	STD	300	1,160	N/A	1,580	2,050	4,050
	8 - 988R	WCR2-GO-20x	Gas Pilot	280	260	N/A	STD	320	1,190	N/A	1,580	2,040	4,160
	9 - 1088R	WCR2-GO-20B	Gas Pilot	280	260	N/A	800	1,120	2,200	N/A	1,250	1,730	3,230
	10 - 1288	WCR3-GO-20	Gas Pilot	280	260	N/A	680	1,190	2,510	N/A	1,260	1,700	3,080
	1388	WCR3-GO-25	Gas Pilot	280	260	N/A	680	1,210	2,510	N/A	1,230	1,680	3,080
	14 - 1688	WCR3-GO-25B	Gas Pilot	280	260	N/A	470	970	2,750	N/A	1,040	1,530	3,170
	17 - 1888	WCR4-GO-25	Gas Pilot	280	260	N/A	450	940	2,500	N/A	900	1,560	2,770

Model 80: Power Flame J-Burner

TRADE PRICE FOR COMPLETE BOILER-BURNER UNITS AND CONTROLS
PRESSURIZED FOR FORCED DRAFT OR BALANCED DRAFT VENTING

Steam-Water
Gas Only

Boiler Number	I=B=R		I=B=R Ratings			Boiler Horse Power (H.P.)	I=B=R Vent Diameter	Approx. Shipping Weight	BG (Gas)				Packaged Boiler Adder
	Gas Input MBH	Gross Output MBH	Net Water MBH	Net Steam MBH	Steam Sq. Foot				Burner Model	Motor H.P.	* Min Gas Pres.	TRADE PRICE	
*-380-+F	346	278	242	208	867	8.3	6	1,355	WJR15A-10	1/4	3.8	\$6,843	\$2,937
*-480-+F	491	396	344	297	1,238	11.8	7	1,615	WJR15A-10	1/4	4.0	\$7,624	\$3,123
*-580-+F	639	515	448	386	1,608	15.4	8	1,875	WJR15A-10	1/4	4.4	\$8,406	\$3,310
*-680-+F	787	634	551	476	1,983	18.9	8	2,130	WJR30A-10	1/3	4.5	\$9,207	\$3,498
*-780-+F	935	753	655	565	2,354	22.5	9	2,390	WJR30A-10	1/3	5.0	\$9,983	\$3,684
*-880-+F	1082	872	758	654	2,725	26.0	10	2,650	WJR30A-12	1/3	5.3	\$10,775	\$3,884
*-980-+F	1230	991	862	743	3,096	29.6	10	2,910	WJR50A-15	1/2	5.7	\$11,830	\$4,071
*-1080-+F	1378	1,110	965	833	3,471	33.2	10	3,165	WJR50A-15	1/2	6.2	\$12,612	\$4,258
*-1180-+F	1526	1,229	1,069	922	3,842	36.7	10	3,425	WJR50A-15	3/4	6.2	\$13,557	\$4,445
*-1280-+F	1674	1,348	1,172	1,018	4,242	40.3	12	3,680	WJR50A-15	3/4	6.7	\$14,341	\$4,632

* Substitute L for Oil, G for Gas, or GL for Gas & Oil.

* Gas Pressures listed are for Natural Gas (in inches of Water Column). Consult WMc for LP Requirements.

+ Substitute S for steam, W for water.

Model 88 Series 2: Power Flame J-Burner

TRADE PRICE FOR COMPLETE BOILER-BURNER UNITS AND CONTROLS
PRESSURIZED FOR FORCED DRAFT OR BALANCED DRAFT VENTING

Steam-Water
Gas Only

Boiler Number	I=B=R		I=B=R Ratings			Boiler Horse Power (H.P.)	I=B=R Vent Diameter	Approx. Shipping Weight	BG (Gas)				Packaged Boiler Adder
	Gas Input MBH	Gross Output MBH	Net Water MBH	Net Steam MBH	Steam Sq. Foot				Burner Model	Motor H.P.	* Min Gas Pres.	TRADE PRICE	
*-488R-+F	996	827	719	620	2,583	24.7	10	2,648	WJ30A-10	1/3	4.3	\$12,754	\$4,193
*-488-+F	1010	839	730	629	2,621	25.1	10	2,648	WJ30A-10	1/3	4.3	\$12,754	\$4,193
*-588-+F	1356	1,126	979	845	3,521	33.6	10	3,210	WJ50A-15	1/3	4.4	\$15,019	\$4,414
*-688-+F	1701	1,413	1,229	1,072	4,469	42.2	10	3,772	WJ50A-15	1/3	4.4	\$17,038	\$4,623
*-788-+F	2046	1,700	1,478	1,311	5,463	50.8	12	4,334	WJ50A-15	1/2	4.8	\$19,942	\$4,842

* Substitute L for Oil, G for Gas, or GL for Gas & Oil.

* Gas Pressures listed are for Natural Gas (in inches of Water Column). Consult WMc for LP Requirements.

+ Substitute S for steam, W for water.

Notes:

* L. P. Gas Combustion - K3A Solenoid Valve & Stand alone regulator required.

- Consult WMc for pricing.

* Pilot Failure Lamp & Bell Requires (2) Relays - Not One.

Low High Low & Modulating Control provided at additional charge.

See page 72 for pricing.

Optional Equipment Adders	Trade / Each
Series 80 JR Burners Do NOT include a Panel / Std for 88's	
Control Circuit Transformer - Panel Required	\$340
Fuse & Fuse Holder - Panel Required	\$40
* F/Fuse Holder Std w/ Control Circuit Transformer	
Alarm Bell (requires Panel, Lamp & Relay) - Std on IRI	\$190
Panel Relay for Alarm (Panel Required)	\$60
(4) Lamp (\$130) & (6) Lamp (\$170) Circuit Boards - Pnl Req'd	
Numbered (\$530) & Color Coded (\$110) Wiring Diagram	
Automatic Alarm Silencing Switch	\$104
Antunes Ventless Lo (LGP-G) / High (HGP-G) GPS	\$82
* (UL) Gas Pressure Switches Std over 2,500 Input	
Proof-Of-Closure (POC) on Motorized Valve	\$160
CAD - Combustion Air Damper Relay	\$130
Lo Fire Hold Switch - Std on LHL w/ Alpha Panel	\$50
Honeywell's S7800A1142 Display	\$818
S7830A or E300 Annunciators - mtd & wired	\$1,930
4" x 6" J-Box w/ Power & Fuel On Lamp & Ctl Switch	\$208
15 1/2" x 17" Panel w/ Alpha Control Sys. & Switch	\$468
Remote Mounted Alpha Control Panel w/ Ctl Switch	\$884
* Requires either RM78xx or E110/EP FSG	

Optional Power Flame J-Burner Equipment: Add to Trade Price

Fuel	Size	Burner Model	Standard Flame Safeguard	UL Mode of Operation				Proven Low Fire Start (std on Mod)	ELECTRICAL INFORMATION		
				On / Off	**Low High Off	**Low High Low	**Full Mod *		120-1	240-1	Three Phase
Series 80 Gas	380	WJR15A-10	RM7897A/FR	STD	N/A	N/A	N/A	350	STD	250	410
	480	WJR15A-10	RM7897A/FR	STD	N/A	N/A	N/A	350	STD	250	410
	580	WJR15A-10	RM7897A/FR	STD	670	950	1,490	350	STD	250	410
	680	WJR30A-10	RM7897A/FR	STD	700	950	1,500	350	STD	200	360
	780	WJR30A-10	RM7897A/FR	STD	700	950	1,500	350	STD	200	360
	880	WJR30A-12	RM7897A/FR	STD	710	970	1,520	350	STD	200	360
	980	WJR50A-15	RM7897A/FR	STD	750	1,010	1,600	350	STD	200	360
	1080	WJR50A-15	RM7897A/FR	STD	750	1,010	1,600	350	STD	200	360
	1180	WJR50A-15	RM7897A/FR	STD	710	970	1,600	350	STD	200	360
Series 88 Gas	488R - 488	WJ30A-10	RM7897A/FR	STD	870	1,110	1,740	310	STD	100	280
	588	WJ50A-15	RM7897A/FR	STD	870	970	1,590	310	STD	100	280
	688	WJ50A-15	RM7897A/FR	STD	750	970	1,590	310	STD	100	280
	788	WJ50A-15	RM7897A/FR	N/A	750	380	990	310	STD	20	200

* WJR Modulating Burners Do NOT Include Manual Potentiometer or Auto / Manual Switch - Add \$100 Trade (Add for Panel)

* IRI Has Been Replaced by GE GAP Requirements & is Covered w/ CSD-1 Code Approval

Fuel	Size	Burner Model	* CSD-1 Code Approval	FM Code Insurance				+ Former IRI Code Insurance			
				On / Off	**Low High Off	**Low High Low	**Full Mod	On / Off	Low High Off	Low High Low	Full Mod
Series 80 Gas	380	WJR15A-10	110	STD	N/A	N/A	N/A	1,990	N/A	N/A	N/A
	480	WJR15A-10	110	STD	N/A	N/A	N/A	1,990	N/A	N/A	N/A
	580	WJR15A-10	110	STD	670	950	1,490	1,990	2,240	2,700	4,490
	680	WJR30A-10	110	STD	700	950	1,500	1,970	2,220	2,670	4,440
	780	WJR30A-10	110	STD	700	950	1,500	1,970	2,220	2,680	4,450
	880	WJR30A-12	110	STD	710	970	1,520	1,970	2,230	2,680	4,450
	980	WJR50A-15	110	STD	750	1,010	1,600	1,890	2,030	2,470	4,200
	1080	WJR50A-15	110	STD	750	1,010	1,600	1,890	2,040	2,470	4,200
	1180	WJR50A-15	110	STD	710	970	1,600	1,870	1,990	2,420	4,200
Series 88 Gas	488R - 488	WJ30A-10	110	STD	870	1,110	1,740	2,060	2,450	2,940	4,370
	588	WJ50A-15	110	STD	870	970	1,590	2,030	2,300	2,770	4,390
	688	WJ50A-15	110	STD	750	970	1,590	2,030	2,300	2,770	4,390
	788	WJ50A-15	110	N/A	750	380	990	N/A	1,840	2,350	3,960

Notes:

* L. P. Gas Combustion - K3A Solenoid Valve & Stand alone regulator required - Consult WMc for pricing.

(1) IRI (WJR burners ONLY - Series 80) DO NOT come Standard w/ a (B)urner (M)ounted (C)ontrol (P)anel.

(2) Bell is shipped loose for Field Installation. Consult Opposite Page for Panel Options.

(3) IRI (WJ burners ONLY - Series 88) DO come Standard w/ a BMCP.

**Low High Low & Modulating Control Provided at additional charge.

Model 80: Riello Burners

TRADE PRICE FOR COMPLETE BOILER-BURNER UNITS AND CONTROLS

Steam-Water

PRESSURIZED FOR FORCED DRAFT OR BALANCED DRAFT VENTING

Gas / Oil / Gas-Oil

Boiler Number	I=B=R			Approx. Shipping Weight	GAS (BG)				GAS - OIL (BGL)				Packaged Boiler Adder
	Oil Input GPH	Gas Input MBH	Gross Output MBH		Burner Model	Motor H.P.	* Min Gas Pres.	TRADE PRICE	Burner Model	Motor H.P.	* Min Gas Pres.	TRADE PRICE	
*-380-+F	2.40	346	278	1,355	G400	1/8	6.0	\$5,560	Not Available				\$2,937
*-480-+F	3.40	491	396	1,615	G750	1/8	4.0	\$7,207	Not Available				\$3,123
*-580-+F	4.45	639	515	1,875	G750	1/8	6.9	\$7,989	Not Available				\$3,310
*-680-+F	5.50	787	634	2,130	G900	1/8	6.9	\$8,774	RLS28	1/2	4.5	\$15,265	\$3,498
*-780-+F	6.50	935	753	2,390	RS28/M	1/2	4.0	\$12,842	RLS28	1/2	5.0	\$16,041	\$3,684
*-880-+F	7.50	1,082	872	2,650	RS28/M	1/2	4.5	\$13,623	RLS28	1/2	6.0	\$16,822	\$3,884
*-980-+F	8.50	1,230	991	2,910	RS38/M	1/2	4.5	\$14,570	RLS38	1/2	7.0	\$18,094	\$4,071
*-1080-+F	9.60	1,378	1,110	3,165	RS38/M	1/2	5.0	\$15,352	RLS38	1/2	7.0	\$18,876	\$4,258
*-1180-+F	10.60	1,526	1,229	3,425	RS38/M	1/2	5.0	\$16,132	RLS50	3/4	8.0	\$20,481	\$4,445
*-1280-+F	11.60	1,674	1,348	3,680	RS50/M	3/4	6.0	\$17,026	RLS50	3/4	9.0	\$20,971	\$4,632

* Substitute G for Gas, or GL for Gas & Oil.

* Gas Pressures listed are for Natural Gas (in inches of Water Column). Consult W/Mc for LP Requirements.

+ Substitute S for steam, W for water.

* 7" - 14" Gas Pressures Standard

Model 88 Series 2: Riello Burners

TRADE PRICE FOR COMPLETE BOILER-BURNER UNITS AND CONTROLS

Steam-Water

PRESSURIZED FOR FORCED DRAFT OR BALANCED DRAFT VENTING

Gas / Oil / Gas-Oil

Boiler Number	I=B=R			Approx. Shipping Weight	GAS (BG)				GAS-OIL (BGL)				Packaged Boiler Adder
	Oil Input GPH	Gas Input MBH	Gross Output MBH		Burner Model	Motor H.P.	* Min Gas Pres.	TRADE PRICE	Burner Model	Motor H.P.	* Min Gas Pres.	TRADE PRICE	
*-488R-+F	6.9	996	827	2,648	RS28	1/2	4.0	\$15,152	RLS28	1/2	6.0	\$17,823	\$4,193
*-488-+F	7.0	1,010	839	2,648	RS28	1/2	4.0	\$15,152	RLS28	1/2	6.0	\$17,823	\$4,193
*-588-+F	9.4	1,356	1,126	3,210	RS38	1/2	6.0	\$16,580	RLS38	1/2	7.0	\$20,340	\$4,414
*-688-+F	11.8	1,701	1,413	3,772	RS50	3/4	3.3	\$18,710	RLS50	3/4	6.0	\$23,716	\$4,623
*-788-+F	14.2	2,046	1,700	4,334	RS50	3/4	6.0	\$20,664	RLS50	3/4	7.0	\$25,670	\$4,842
*-888-+F	16.6	2,382	1,987	4,896	RS70	1-1/2	5.0	\$25,458	RLS70 +	1-1/2	6.0	\$28,451	\$5,051
*-988R-+F	17.2	2,482	2,062	5,458	RS70	1-1/2	5.0	\$27,399	RLS70 +	1-1/2	5.0	\$30,392	\$5,272
*-988-+F	18.8	2,737	2,274	5,458	RS70	1-1/2	6.0	\$27,399	RLS70 +	1-1/2	5.0	\$30,392	\$5,272
*-1088R-+F	20.0	2,887	2,399	6,020	RS70	1-1/2	4.5	\$29,233	RLS70 +	1-1/2	6.0	\$32,226	\$5,479
*-1088-+F	21.5	3,082	2,561	6,020	RS100	2-1/2	5.0	\$29,393	RLS100	1-1/2	7.0	\$32,482	\$5,479
*-1188-+F	23.5	3,428	2,848	6,582	RS100	2-1/2	5.0	\$31,168	RLS100	2-1/2	9.0	\$34,257	\$5,688
*-1288-+F	26.0	3,773	3,135	7,144	RS100	2-1/2	6.0	\$33,192	RLS100	2-1/2	7.0	\$36,281	\$5,897
*-1388-+F	28.5	4,119	3,422	7,706	RS100	2-1/2	9.0	\$35,052	RLS100	2-1/2	9.0	\$38,141	\$6,116
*-1488-+F	31.0	4,464	3,709	8,268	RS130	3	9.0	\$37,120	RLS130	3	9.0	\$40,968	\$6,324
*-1588-+F	33.0	4,809	3,996	8,830	RS130	3	9.0	\$38,921	RLS130	3	9.0	\$42,769	\$6,546
*-1688R-+F	34.5	4,979	4,137	9,392	RS130	3	5.0	\$40,741	RLS130	3	9.0	\$44,589	\$6,788
*-1688-+F	35.5	5,155	4,283	9,392	RS130	3	6.0	\$40,741	RLS130	3	9.0	\$44,589	\$6,788
*-1788-+F	38.0	5,494	4,570	9,954	RS130	3	6.0	\$42,459	Not Available				\$6,972
*-1888-+F	40.5	5,845	4,857	10,516	RS190	5-1/2	5.4	\$46,617	Not Available				\$7,181

* Substitute L for Oil, G for Gas, or GL for Gas & Oil.

* Gas Pressures listed are for Natural Gas (in inches of Water Column). Consult W/Mc for LP Requirements.

+ Substitute S for steam, W for water.

* 7" - 14" Gas Pressures Standard

Riello Model	Model	Flame Sensor	Pre-Purge	Trial For Ignition	Trail For Main Flame	Post Purge	On/Off	Modulating	Action on Flame Failure
RS Models (Gas)	Siemens LFL	Rect (std) or UV	X	X	X		X	X	Lock out
RLS Models (Duel Fuel)	Siemens LFL	UV	X	X	X		X	X	Lock out
RL Models (Oil)	Siemens LAL	Photo Cell	X	X	X		X	X	Lock out
G400 Series (Gas)	Riello 525	Rect	X	X	X		X	NA	Lock out
G750 & G900 Series (Gas)	Siemens RMG	Rect	X	X	X		X	NA	Lock out
F Series (Oil)	Riello 530	Photo Cell	X	X	X		X	NA	Lock out

Notes:

Low High Low & Modulating Control provided at additional charge.

Optional Equipment Adders	Trade
Burner Mounted Control Panel	Std
Remote Mounted Control Panel	Consult Factory
Remote Mounted Control Panel -	Not Available on F & G Burners
Control Circuit Transformer	Consult Factory
Fuse & Fuse Holder	STD
F/F Holder Not Available on 380 - 680 Gas (G Burners) & Oil (F Burners)	
Each Additional Lamp (4 Maximum)	\$60
Lamps Not Available on F & G Burners Per above	
Relay with Dry Contacts	\$430
Local / Remote Switch Installed	\$580
Proven Low Fire Start (std on Modulation)	Std
PLFS Not Available on 380-580 Gas (G Burn) & 380-680 Oil (F Burn)	
CSD-1 Code Compliance	Std
Alarm Horn and silencing switch installed	Std
Upgrade to UV scanner installed.	Std
PID Modulating controller (rwf-40)	\$ 2,210
Pressure sensor 0-15 psi	\$ 1,120
Temperature Sensor Water or Air	\$ 290

Optional Equipment: Add to Trade Price

Fuel	Size	Burner Model	Standard Flame Safeguard	UL Mode of Operation				ELECTRICAL INFORMATION			Opt. UV Scanner
				On / Off	Low High Off	Low High Low	MOD	120-1	240-1	Three Phase	
Series 80 Gas	3 - 580	Gx	525 SE/A	STD	NA	NA	NA	STD	NA	NA	NA
	680	G900	RMG88	NA	STD	0	NA	STD	NA	NA	NA
	7 - 1180	RS28/38	LFL	NA	STD	STD	670	STD	NA	NC	260
	1280	RS50	LFL	NA	STD	STD	670	STD	N/C	STD	260
Series 88 Gas	4R & 488	RS28	LFL	STD	STD	STD	670	STD	NA	NA	260
	588	RS38	LFL	STD	STD	STD	670	STD	NA	NC	260
	6 - 788	RS50	LFL	STD	STD	STD	670	STD	N/C	STD	260
	8 - 1088R	RS70	LFL	STD	STD	STD	670	STD	STD	STD	280
	10 - 1888	RSx	LFL	STD	STD	STD	670	NA	NA	STD	280

Series 80 Gas/Oil	6 - 880	RLS28	LFL	N/A	Std	0	1,020	STD	NA	NA	STD
	9 - 1080	RLS38	LFL	N/A	Std	0	1,020	STD	NA	N/C	STD
	11 - 1280	RLS50	LFL	N/A	Std	0	1,020	STD	NA	STD	STD
Series 88 Gas/Oil	4R - 588	RLS28	LFL	N/A	Std	0	1,020	STD	NA	NA	STD
	6 - 788	RLS50	LFL	N/A	Std	0	1,020	STD	N/C	STD	STD
	8- 1688 ⁽⁵⁾	RLSx	LFL	N/A	Std	Std	1,020	NA	NA	STD	STD

* IRI Has Been Replaced by GE GAP Requirements & is covered w/ CSD-1 Code Approval (Std)

Fuel	Size	Burner Model	+ CSD-1 Code Approval	FM Code Insurance				Former IRI Code Insurance			
				On / Off	Low High Off	Low High Low	Full Mod	On / Off	Low High Off	Low High Low	Full Mod
Series 80 Gas	3 - 680	Gx	STD	STD	NA	NA	NA	NA	NA	NA	NA
	7 - 880	RS28	STD	NA	1,360	1,360	1,360	NA	2,330	2,330	2,330
	9 - 1180	RS38	STD	NA	1,360	1,360	1,360	NA	2,330	2,330	2,330
	1280	RS50	STD	NA	1,580	1,580	1,580	NA	2,720	2,720	2,720
Series 88 Gas	4R - 488	RS28	STD	NA	1,310	1,310	1,310	NA	2,330	2,330	2,330
	588	RS38	STD	NA	1,310	1,310	1,310	NA	2,330	2,330	2,330
	6 - 788	RS50	STD	NA	1,520	1,520	1,520	NA	2,720	2,720	2,720
	8 - 1388	RSx	STD	NA	2,390	2,390	2,390	NA	3,680	3,680	3,680
	14 - 1788	RS130	STD	NA	4,830	4,830	4,830	NA	4,830	4,830	4,830
	1888	RS190	STD	NA	5,480	5,480	5,480	NA	5,480	5,480	5,480

Series 80 Gas & Oil	6 - 880	RLS28	STD	NA	STD	0	1,010	NA	3,670	3,670	NA
	9 - 1080	RLS38	STD	NA	STD	0	1,010	NA	3,720	3,720	NA
	11 - 1280	RLS50	STD	NA	STD	0	1,010	NA	4,270	4,120	NA
Series 88 Gas & Oil	4R - 488	RLS28	STD	NA	STD	0	1,010	NA	2,420	2,420	NA
	588	RLS38	STD	NA	STD	0	1,010	NA	3,720	3,720	NA
	6 - 788	RLS50	STD	NA	STD	0	1,010	NA	4,270	4,270	NA
	8 - 1388	RLSx	STD	NA	NA	NA	1,010	NA	NA	NA	5,330
14 - 1688	RLS130	STD	NA	NA	NA	1,010	NA	NA	NA	6,010	

Series 80: Webster

TRADE PRICE FOR COMPLETE BOILER-BURNER UNITS AND CONTROLS

Steam-Water

PRESSURIZED FOR FORCED DRAFT OR BALANCED DRAFT VENTING

Gas / Oil / Gas-Oil

Boiler Number	I=B=R			Approx. Shipping Weight	BL (Oil)			BG (Gas)				BGL (Gas-Oil)				Packaged Boiler Adder
	Oil Input GPH	Gas Input MBH	Gross Output MBH		Burner Model	Motor H.P.	TRADE PRICE	Burner Model	Motor H.P.	Min Nat. Gas Pres. ("w.c.)	TRADE PRICE	Burner Model	Motor H.P.	Min Nat. Gas Pres. ("w.c.)	TRADE PRICE	
*-380-+F	2.40	346	278	1,355	N.A.			N.A.				N.A.				\$2,937
*-480-+F	3.40	491	396	1,615	WJB1O-03	1/3	\$8,038	WJB1G-02	1/3	4.8	\$9,050	WJB1C-03	1/3	4.8	\$9,859	\$3,123
*-580-+F	4.45	639	515	1,875	WJB1O-03	1/3	\$8,820	WJB1G-03	1/3	4.8	\$9,870	WJB1C-03	1/3	4.8	\$10,641	\$3,310
*-680-+F	5.50	787	634	2,130	WJB1O-03	1/3	\$9,824	WJB1G-03	1/3	7.0	\$10,655	WJB1C-03	1/3	7.0	\$11,882	\$3,498
*-780-+F	6.50	935	753	2,390	WJB1O-03	1/3	\$10,281	WJB1G-03	1/3	3.5	\$11,306	WJB1C-03	1/3	3.5	\$12,581	\$3,684
*-880-+F	7.50	1,082	872	2,650	WJB1O-03	1/3	\$11,062	WJB1G-03	1/3	4.2	\$12,087	WJB1C-03	1/3	4.2	\$13,362	\$3,884
*-980-+F	8.50	1,230	991	2,910	WJB1O-03	1/3	\$12,149	WJB1G-03	1/3	5.7	\$13,343	WJB1C-05	1/2	5.7	\$14,737	\$4,071
*-1080-+F	9.60	1,378	1,110	3,165	WJB1O-05	1/2	\$13,093	WJB1G-05	1/2	7.0	\$14,146	WJB1C-05	1/2	7.0	\$15,532	\$4,258
*-1180-+F	10.60	1,526	1,229	3,425	WJB1O-05	1/2	\$13,873	WJB1G-05	1/2	6.0	\$15,120	WJB1C-07	3/4	6.0	\$16,513	\$4,445
*-1280-+F	11.60	1,674	1,348	3,680	WJB1O-05	1/2	\$14,657	WJB1G-05	1/2	7.1	\$15,904	WJB1C-07	3/4	7.1	\$17,297	\$4,632

* Substitute L for Oil, G for Gas, or GL for Gas & Oil.

+ Substitute S for steam, W for water.

Series 88: Webster

TRADE PRICE FOR COMPLETE BOILER-BURNER UNITS AND CONTROLS

Steam-Water

PRESSURIZED FOR FORCED DRAFT OR BALANCED DRAFT VENTING

Gas / Oil / Gas-Oil

Boiler Number	I=B=R			Approx. Shipping Weight	BL (Oil)			BG (Gas)				BGL (Gas-Oil)				Packaged Boiler Adder
	Oil Input GPH	Gas Input MBH	Gross Output MBH		Burner Model	Motor H.P.	TRADE PRICE	Burner Model	Motor H.P.	Min Nat. Gas Pres. ("w.c.)	TRADE PRICE	Burner Model	Motor H.P.	Min Nat. Gas Pres. ("w.c.)	TRADE PRICE	
*-488R-+F	6.9	996	827	2,648	WJB1O-03	1/3	\$13,326	WJB1G-03	1/3	4.2	\$14,017	WJB1C-03	1/3	4.2	\$15,013	\$4,193
*-488-+F	7.0	1,010	839	2,648	WJB1O-03	1/3	\$13,326	WJB1G-03	1/3	4.4	\$14,017	WJB1C-03	1/3	4.4	\$15,013	\$4,193
*-588-+F	9.4	1,356	1,126	3,210	WJB1O-05	1/2	\$15,549	WJB1G-03	1/3	6.3	\$16,566	WJB1C-05	1/2	6.3	\$17,774	\$4,414
*-688-+F	11.8	1,701	1,413	3,772	WJB1O-07	3/4	\$17,679	WJB1G-05	1/2	6.5	\$18,851	WJB1C-07	3/4	6.5	\$20,787	\$4,623
*-788-+F	14.2	2,046	1,700	4,334	WJB1O-07	3/4	\$19,309	WJB1G-07	3/4	6.7	\$20,441	WJB1C-07	3/4	6.7	\$22,376	\$4,842
*-888-+F	16.6	2,382	1,987	4,896	WJB2O-10	1	\$21,536	WJB1G-07	3/4	6.0	\$23,584	WJB2C-10	1	6.0	\$25,295	\$5,051
*-988R-+F	17.2	2,482	2,062	5,458	WJB2O-10	1	\$23,477	WJB1G-10	1	6.5	\$25,603	WJB2C-10	1	6.5	\$27,236	\$5,272
*-988-+F	18.8	2,737	2,274	5,458	WJB2O-10	1	\$23,318	WJB1G-10	1	5.7	\$25,710	WJB2C-10	1	5.7	\$27,098	\$5,272
*-1088R-+F	20.0	2,887	2,399	6,020	WJB2O-15	1 1/2	\$25,326	WJB1G-10	1	6.4	\$27,544	WJB2C-15	1 1/2	6.4	\$28,996	\$5,479
*-1088-+F	21.5	3,082	2,561	6,020	WJB2O-15	1 1/2	\$26,487	WJB1G-10	1	6.2	\$27,757	WJB2C-15	1 1/2	6.2	\$29,162	\$5,479
*-1188-+F	23.5	3,428	2,848	6,582	WJB2O-15	1 1/2	\$28,262	WJB2G-15	1 1/2	6.8	\$29,532	WJB2C-15	1 1/2	6.8	\$30,937	\$5,688
*-1288-+F	26.0	3,773	3,135	7,144	WJB2O-15	1 1/2	\$30,286	WJB2G-15	1 1/2	6.6	\$31,807	WJB2C-15	1 1/2	6.6	\$33,316	\$5,897
*-1388-+F	28.5	4,119	3,422	7,706	WJB2O-20	2	\$32,729	WJB2G-20	2	8.2	\$33,897	WJB2C-20	2	8.2	\$36,770	\$6,116
*-1488-+F	31.0	4,464	3,709	8,268	WJB2O-20	2	\$34,282	WJB2G-20	2	9.4	\$35,450	WJB2C-20	2	9.4	\$38,637	\$6,324
*-1588-+F	33.0	4,809	3,996	8,830	WJB2O-30	3	\$36,305	WJB2G-20	2	10.5	\$37,251	WJB2C-20	2	10.5	\$40,124	\$6,546
*-1688R-+F	34.5	4,979	4,137	9,392	WJB2O-30	3	\$38,125	WJB2G-30	3	11.2	\$39,129	WJB2C-30	3	11.2	\$42,258	\$6,788
*-1688-+F	35.5	5,155	4,283	9,392	WJB2O-30	3	\$38,125	WJB2G-30	3	11.8	\$39,129	WJB2C-30	3	11.8	\$42,258	\$6,788
*-1788-+F	38.0	5,494	4,570	9,954	WJB2O-30	3	\$39,915	WJB2G-30	3	12.2	\$41,205	WJB2C-30	3	12.2	\$44,232	\$6,972
*-1888-+F	40.5	5,845	4,857	10,516	WJB3O-50	5	\$43,729	WJB3G-30	3	13.6	\$46,767	WJB3C-50	5	13.6	\$49,029	\$7,181

* Substitute L for Oil, G for Gas, or GL for Gas & Oil.

Webster BL-1688 thru 1888 has proven interrupted gas pilot. All other burners have direct spark ignition.

+ Substitute S for steam, W for water.

* CSD-1 Code Approved Oil / Gas-Oil Burners Include Oil Filter

Notes:

Low High Low & Modulating Control provided at additional charge.

Optional Equipment Adders	Trade / Each
Control Circuit Transformer - Requires Panel	\$1,260
Fuse & Fuse Holder - Included w/ Panel	Std
* F/Fuse Holder Std w/ Control Circuit Transformer	
Alarm Bell (requires Panel, Lamp & Relay) - Std on IRI	\$260
Panel Relay for Alarm (Panel Required)	\$240
(5) Lamp Pkg (Power & Fuel On, C4H, LW & Alarm	\$180
(6) Lamp Pkg (Same as above) + Ignition & 3 Relays	\$1,230
Automatic Alarm Silencing Switch & Relay	\$260
Lo (C645A) and / Or High (C645B) GPS	\$290
* (UL) Gas Pressure Switches Std over 2,500 Input	
Proof-Of-Closure (POC) on Motorized Valve	\$440
CAD - Combustion Air Damper Relay	\$240
Lo Fire Hold Switch	\$520
Remote Mounted Control Panel (I.L.O. BMCP)	\$1,180
Remote Mounted CP - If No Panel is Standard	\$3,450
Series 80 & Series 88 Oil (580 thru 1088R)	
Proven Low Fire Start (Std on Mod)	\$580
Not avail on 480/580 on Oil & Gas/Oil	

Optional Webster Equipment: Add to Trade Price

Fuel	Size	Burner Model	Standard Flame Safeguard	UL Mode of Operation				Burner Mounted Control Panel w/ Lamps	Proven Low Fire Start (std on Mod)	ELECTRICAL INFORMATION		
				On / Off	Low High Off	Low High Low	Full Mod			120-1	240-1	Three Phase
Series 80 Oil	4 - 580	WJB1O-03	R7284U	STD	N/A	N/A	N/A	1210	280	STD	N/C	400
	680	WJB1O-03	R7284U	N/A	STD	620	N/A	1210	280	STD	N/C	400
	7 - 880	WJB1O-03	R7284U	N/A	STD	620	1890	1210	280	STD	N/C	400
	9 - 1280	WJB1O-03/05	R7284U	N/A	STD	N/C	1760	1210	280	STD	N/C	400
Series 88 Oil	4R - 1288	WJB1O-03/05/07	R7284U	STD	N/A	N/A	N/A	1210	280	STD	N/C	1600
	8 - 988	WJB2O-10	R7284U	N/A	STD	N/C	1110	1210	280	N/C	STD	1700
	1088R	WJB2O-15	R7284U	N/A	STD	N/C	1110	1210	280	N/C	N/C	1210
	10 - 1488	WJB2O-15/20	RM7897C	N/A	STD	N/C	2230	N/C	280	N/C	N/C	STD
	15 - 1788	WJB2O-30	RM7897C	N/A	STD	N/C	2230	N/C	280	N/A	N/A	STD
	1888	WJB2O-50	RM7897C	N/A	N/A	N/A	STD	N/C	280	N/A	N/A	STD
Series 80 Gas	4 - 580	WJB1G-02/03	RM7897A	STD	N/A	N/A	N/A	STD	280	STD	N/C	400
	6 - 880	WJB1G-03	RM7897A	STD	670	1120	1520	STD	280	STD	N/C	400
	9-1280	WJB1G-03/05	RM7897A	N/A	STD	440	1260	STD	280	STD	N/C	400
Series 88 Gas	4R - 488	WJB1G-03	RM7897A	STD	670	1120	1520	STD	280	STD	N/C	400
	5 - 888	WJB1G-03/05/07	RM7897A	N/A	STD	650	1250	STD	280	STD	N/C	400
	988R	WJB2G-10	RM7897A	N/A	STD	650	1250	STD	280	N/C	STD	400
	9-1088	WJB2G-10	RM7897C	N/A	STD	650	1660	STD	280	N/C	STD	400
	11-1688	WJB2G-15/20/30	RM7897C	N/A	STD	650	1660	STD	280	N/A	N/A	STD
	1788	WJB2G-30	RM7897C	N/A	N/A	N/A	1660	STD	280	N/A	N/A	STD
	1888	WJB3G-03	RM7840L	N/A	N/A	N/A	STD	STD	STD	N/A	N/A	STD
	Series 80 Gas-Oil	4 - 580	WJB1C-03	RM7897C	STD	N/A	N/A	N/A	STD	280	STD	N/C
680		WJB1C-03	RM7897C	STD	1210	N/A	N/A	STD	280	STD	N/C	400
7 - 880		WJB1C-03	RM7897C	STD	1380	1890	2560	STD	280	STD	N/C	400
980		WJB1C-05	RM7897C	N/A	STD	580	1400	STD	280	STD	N/C	400
10-1280		WJB1C-05/07	RM7897C	N/A	STD	580	1540	STD	280	STD	N/C	400
4R - 488		WJB1C-03	RM7897C	STD	1380	1890	2560	STD	280	STD	N/C	400
5-688		WJB1C-05/07	RM7897C	N/A	STD	580	1400	STD	280	STD	N/C	400
7-988R		WJB1C-07/10	RM7897C	N/A	STD	520	1270	STD	280	STD	N/C	400
9-1288		WJB2C-10/15	RM7897C	N/A	STD	520	3040	STD	280	N/C	N/C	STD
1388		WJB2C-20	RM7897C	N/A	STD	520	3120	STD	280	N/C	N/C	STD
Series 88 Gas-Oil	1488	WJB2C-30	RM7897C	N/A	STD	520	3120	STD	280	N/A	N/A	STD
	1588	WJB2C-20	RM7897C	N/A	STD	520	3120	STD	280	N/C	STD	STD
	16R - 1788	WJB2C-30	RM7897C	N/A	STD	520	3460	STD	280	N/A	N/A	STD
	1888	WJB3C-50	RM7840L	N/A	N/A	N/A	STD	STD	STD	N/A	N/A	STD

Fuel	Size	Burner Model	Standard Mode of Ignition	CSD-1 Code Approval	FM Code Insurance				Former IRI Code Insurance			
					On / Off	Low High Off	Low High Low	Full Mod	On / Off	Low High Off	Low High Low	Full Mod
Series 80 Oil	4 - 580	WJB1O-03	Direct Spark	200	N/C	N/A	N/A	N/A	2330	N/A	N/A	N/A
	680	WJB1O-03	Direct Spark	200	N/A	N/C	620	N/A	N/A	2330	2950	N/A
	7 - 880	WJB1O-03	Direct Spark	200	N/A	N/C	620	1890	N/A	2330	2950	4220
	9 - 1280	WJB1O-03/05	Direct Spark	2090	N/A	N/C	N/C	1760	N/A	2330	2320	4080
Series 88 Oil	4R - 488	WJB1O-03	Direct Spark	200	STD	N/A	N/A	N/A	STD	N/A	N/A	N/A
	5 - 788	WJB1O-05/07	Direct Spark	200	N/A	STD	N/A	N/A	N/A	STD	N/A	N/A
	8 - 1088R	WJB2O-10/15	Direct Spark	200	N/A	STD	N/C	1110	N/A	1170	1170	2280
	10 - 1788	WJB2O-15/20/30	Direct Spark	200	N/A	1010	1010	3240	N/A	1170	1170	3400
	1888	WJB3O-50	Direct Spark	200	N/A	N/A	N/A	STD	N/A	N/A	N/A	1170
Series 80 Gas	4 - 580	WJB1G-02/03	Gas Pilot	80	N/C	N/A	N/A	N/A	2190	N/A	N/A	N/A
	6 - 880	WJB1G-03	Gas Pilot	80	N/C	670	1120	1520	2190	2860	3310	3710
	980	WJB1G-03	Gas Pilot	80	N/A	N/C	460	1300	N/A	1690	2140	2980
	10-1280	WJB1G-05	Gas Pilot	80	N/A	N/C	460	1300	N/A	1370	1830	2670
	4R - 488	WJB1G-03	Gas Pilot	80	N/C	670	1120	1520	2270	2940	3390	3790
Series 88 Gas	5 - 688	WJB1G-03/05	Gas Pilot	80	N/A	N/C	650	1250	N/A	1770	2420	3010
	7 - 988R	WJB1/2G-07/10	Gas Pilot	80	N/A	N/C	650	1250	N/A	1470	2120	2720
	9-1288	WJB2G-10/15	Gas Pilot	80	N/A	420	430	2090	N/A	1250	1900	2910
	13 - 1788	WJB2G-20/30	Gas Pilot	80	N/A	420	430	2090	N/A	1070	1720	2730
	1888	WJB3G-30	Gas Pilot	80	N/A	N/A	N/A	430	N/A	N/A	N/A	1070
	Series 80 Gas-Oil	4 - 580	WJB1C-03	Gas Pilot	260	N/C	N/A	N/A	N/A	2330	N/A	N/A
680		WJB1C-03	Gas Pilot	260	N/C	1210	N/A	N/A	2330	3340	N/A	N/A
780		WJB1C-03	Gas Pilot	260	N/C	1380	1890	2560	2330	3340	4020	4690
880		WJB1C-03	Gas Pilot	260	N/A	1380	1890	2560	N/A	3510	4020	4690
980		WJB1C-05	Gas Pilot	260	N/A	N/C	580	1400	N/A	2040	2630	3440
10 - 1280		WJB1C-05/07	Gas Pilot	260	N/A	N/C	580	1540	N/A	1950	2530	3490
4R - 488		WJB1C-03	Gas Pilot	320	N/C	1380	1890	2560	2400	3770	4280	4950
5 - 688		WJB1G-05/07	Gas Pilot	320	N/A	N/C	580	1400	N/A	2190	2770	3590
788		WJB1C-07	Gas Pilot	320	N/A	N/C	520	1270	N/A	2190	2770	2870
8 - 988R		WJB2C-10	Gas Pilot	320	N/A	N/C	520	1270	N/A	1600	2120	2870
Series 88 Gas-Oil	9 - 1288	WJB2C-10/15	Gas Pilot	320	N/A	560	1080	3610	N/A	1160	1680	4210
	13 - 1588	WJB2C-20/30	Gas Pilot	320	N/A	380	890	3490	N/A	1090	1610	4210
	16R - 1788	WJB2C-30	Gas Pilot	320	N/A	380	890	3830	N/A	1090	1610	4550
	1888	WJB3C-50	Gas Pilot	320	N/A	N/A	N/A	370	N/A	N/A	N/A	1090

Control System Interchangeability Chart

Optional Control System (I.L.O. Standard)		Standard Flame Safeguard Control Offered					
Honeywell	FireEye		** R7284P Cad Cell	RM7897A Flame Rod	RM7897A UV Scan	RM7897C UV Scan	RM7840L UV Scan
RM7897A/FR	MEP230/FR	Power Flame	N/A	0	0	0	0
		Webster	N/A	N/A	N/A	N/A	N/A
RM7897A/UV	MEP230/UV	Power Flame	725	160	0	0	0
		Webster	1961	N/A	N/A	N/A	N/A
RM7897C/UV	MEP562/UV	Power Flame	840	340	160	170	0
		Webster	2,210	N/A	223	N/A	N/A
RM7840L/UV	EPD160/UV	Power Flame	1,710	1,210	1,030	870	0
		Webster	3,593	N/A	1,606	1,382	N/A
RM7840L/LS <small>LS = Lead Sulfide</small>	EPD160/LS	Power Flame	1,880	1,380	1,200	1,040	170
		Webster	N/A	N/A	N/A	N/A	N/A
RM7800L/UV <small>w/ Display Module</small>	EP160/UV (EP170/UV)	Power Flame	2,140	1,630	1,460	1,300	430
		Webster	3,866	N/A	1,879	1,656	274
RM7800L/LS <small>LS = Lead Sulfide</small>	EP160 (EP170/UV)	Power Flame	2,310	1,800	1,630	1,470	600
		Webster	N/A	N/A	N/A	N/A	N/A

* If Required / Requested Flame Safe Guard is NOT listed above above - Consult Factory

** R7284P upgrade price includes Control Panel

COMMERCIAL BOILER COMBUSTION CONTROL FUNCTIONS

Model	Flame Sensor	Prepurge	Trial For Ignition	Trial For Main Flame	Postpurge	On/Off	Modulating	Action on Flame Failure
60200	Cad Cell	X		X	X	X		Recycle
R8184G	Cad Cell			X		X		Recycle
R7184	Cad Cell			X		X		Lockout
RA890F	Rectification *		X			X		Recycle
TFM-1/MP-120	Rectification *		X			X		Recycle
TFM-2/MP-120	Rectification *	X	X			X		Recycle
MP230	UV	X	X			X		Recycle
MP230	Rectification *	X	X			X		Lockout
MP230	UV	X	X			X		Lockout
MP230H ^^	UV	X	X			Delay 2nd Stg. Oil		Lockout
MP560	UV	X	X	X		Delay 2nd Stg. Oil		Lockout
RM7897A	UV	X	X			X		Programmable
RM7897C	UV	X	X	X		X		Programmable
RM7840M	Rect. *, UV, or IR	X	X	X	X	X		Lockout
RM7840G	Rect. *, UV, or IR	X	X	X	X	X	X	Lockout
RM7840L ^	Rect. *, UV, or IR	X	X	X	X	X	X	Lockout
RM7800L ~	Rect. *, UV, or IR	X	X	X	X	X	X	Lockout
E110 ~	Rect. *, UV, or IR	X	X	X	X	X	X	Lockout

* Rectification by flame rod.

^^ Can be used for low-high firing with direct spark ignition on oil.

^ Lockout Interlock circuit.

~ Micro-processor programmer includes diagnostics.

BURNER CONTROL & LAMP OPTIONS

Mfr	Ref Page	Burner Model	80 Boilers	88 Boilers	Flame Safeguard Combustion Control **	BMCP *	Power Switch	Power Lamp	C4H Lamp	Fuel On Lamp	F/Fail Lamp *	Extra Lamp	Terminal Strip	Remote Panel Avail	
Beckett (Oil Only)	50 & 51	Gas	380 - 1280	488R - 1488	95A/UV or 95C/UV	Extra	Extra	Extra	Upgrade	Extra	Upgrade	Upgrade	Std.	Yes	
		All Models Except	380 - 1280	488R - 1088R	R7184	Extra	Extra	Extra	Upgrade	Extra	Upgrade	Upgrade	Std.	Yes	
		CF2500 & CF3500		1088 - 1388	RM7840M	Extra	Extra	Extra	Upgrade	Extra	Upgrade	Upgrade	Std.	Yes	
Carlin (Oil Only)	52 &	ALL but Below	380 - 1280	488R - 1088R	R7184	Extra	Extra	Extra	Extra	Extra	Extra	Extra	Std.	Yes	
	53	10 / 1150FFD-W		1088 - 1388	RM7840L	Extra	Extra	Extra	Extra	Extra	Extra	Extra	Std.	Yes	
Power Flame	54 thru 57	JR Series	80 Gas	488R thru 788	Burner Not Std. with panel - If Panel is selected (consult Additional Equip Table), the following are provided:										
			Upgrade to 151/2 x 17 Alpha	4" x 6" Panel	RM7897A/FR/Fireye	Std.	Std.	Std.	Upgrade	Upgrade	Upgrade	Upgrade	Std.	Yes	
		CR Series	80 Oil	4" x 6" Panel	RM7897A/FR/Fireye	Std.	Std.	Std.	Upgrade	Std.	Upgrade	Upgrade	Std.	Yes	
			Upgrade to 151/2 x 17 Alpha	RM78xx/UV	Std.	Std.	Std.	Std.	Std.	Alarm	Std.	Yes			
		CR Series	488R thru 1088R		R7184P	Burner Not Std. with panel - If Panel is selected), the following are provided:									
			Upgrade to 4" x 6" Panel	7184P Fireye	Std.	Std.	Std.	Upgrade	Upgrade	Upgrade	Upgrade	Extra	Yes		
			Upgrade to 151/2" x 17" Alpha	RM78xx / UV	Std.	Std.	Std.	Std.	Std.	Alarm	Std.	Yes			
		CR Series	Gas	J-Gas, C-Gas	HONEYWELL	Std.	Std.	Std.	Std.	Std.	Alarm	Std.	Yes		
Gas-Oil	C-Gas Oil		FIREYE	Std.	Std.	Std.	Upgrade	Std.	Upgrade	Upgrade	Std.	Yes			
Riello	58 & 59	Excludes F Series	80 Oil	88 Oil	All FSG control	Std.	HOA-Std	Extra	Extra	Extra	Std..	Extra	Std.	Yes	
		Excludes G Series	80 Gas	88 Gas	All FSG control	Std.		Extra	Extra	Extra	Std..	Extra	Std.	Yes	
			80 Gas/Oil	88 Gas/Oil	All FSG control	Std.		Extra	Extra	Extra	Std..	Extra	Std.	Yes	
Webster	60 & 61	WJB10 & WJB20			R7184A - Burner NOT Furnished w/ panel. No Lamps available. Must upgrade to RM7895A. (Consult Pages #60 & #61 for Details).										
		Upgrade RM7895A	80 Oil	488R thru 1088R	Honeywell or FireEye	Std.	Std.	Std.	Std.	Std.	Std.	Extra	Std.	Yes	
			Gas & Gas/Oil	Gas & Gas/Oil	Honeywell or FireEye	Std.	Std.	Std.	Std.	Std.	Std.	Extra	Std.	Yes	

ADDITIONAL INSURANCE CODE TRIM

BOILER	F.M.	I.R.I.	CSD-1	
80 Water	\$299 Includes: • PS-851-120 LWCO	\$279 Includes: • Hydrolevel 45-550 LWCO	\$400 Includes: • I4006e1117 • Hydrolevel 45-550 LWCO	
88 Water	\$299 Includes: • PS-851-120 LWCO	\$279 Includes: • Hydrolevel 45-550 LWCO	\$279 Includes: • Hydrolevel 45-550 LWCO	
80/88 Steam	Gravity or Forced Condensate Return	Gravity or Forced Condensate Return	Forced Condensate Return	Gravity Condensate Return
	• Standard Controls: plus auto-recycle LWCO	\$569 Includes: • L4079B1033 • 63M LWCO	80 & 88 \$1,154 Includes: • L4079B1033 • 150S-MD LWCO • 63M LWCO	80 & 88 \$870 Includes: • L4079B1033 • 61 LWCO • 63M LWCO



94

Gas-Oil Boilers

Water (1763-6061 MBH) – Steam (1575-5411 MBH; 6563-22546 Sq. Ft.)

Series 3

For pricing & ordering information, contact your Weil-McLain Sales Office.



Steam Boiler Model No.	Water Boiler Model No.	I=B=R				I=B=R Net Rating			Boiler H.P.	Induced Draft Vent Dia.	Approx. Shipping & Lifting Weight (Lbs)
		Light Oil Input GPH	Heavy Oil Input GPH	Gas Input MBH	Gross Output MBH	Steam MBH	Steam Sq. Ft.	Water MBH			
H-894-SF	H-894-WF	17.6	16.6	2,527	2,028	1,575	6,563	1,763	60.6	14 in.	10,636
H-994-SF	H-994-WF	20.0	19.0	2,887	2,320	1,801	7,504	2,017	69.3	14 in.	11,478
H-1094-SF	H-1094-WF	22.5	21.5	3,247	2,612	2,028	8,450	2,271	78.0	16 in.	12,320
H-1194-SF	H-1194-WF	25.0	24.0	3,608	2,904	2,255	9,396	2,525	86.7	16 in.	13,162
H-1294-SF	H-1294-WF	27.5	26.0	3,969	3,190	2,477	10,321	2,774	95.3	16 in.	14,004
H-1394-SF	H-1394-WF	30.0	28.5	4,330	3,480	2,702	11,258	3,026	104.0	18 in.	14,846
H-1494-SF	H-1494-WF	32.5	31.0	4,691	3,770	2,927	12,196	3,278	112.6	18 in.	15,688
H-1594-SF	H-1594-WF	35.0	33.0	5,052	4,070	3,160	13,167	3,539	121.6	18 in.	16,530
H-1694-SF	H-1694-WF	37.5	35.5	5,412	4,360	3,385	14,104	3,791	130.2	18 in.	17,372
H-1794-SF	H-1794-WF	40.0	38.0	5,773	4,650	3,610	15,042	4,043	138.9	20 in.	19,014
H-1894-SF	H-1894-WF	42.5	40.5	6,134	4,940	3,835	15,979	4,296	147.6	20 in.	19,856
H-1994-SF	H-1994-WF	45.0	42.5	6,495	5,230	4,061	16,921	4,548	156.2	20 in.	20,698
H-2094-SF	H-2094-WF	47.5	45.0	6,856	5,520	4,286	17,858	4,800	164.9	20 in.	21,540
H-2194-SF	H-2194-WF	50.0	47.4	7,216	5,810	4,511	18,796	5,052	173.6	20 in.	22,552
H-2294-SF	H-2294-WF	53.0	49.7	7,649	6,100	4,736	19,733	5,304	182.2	22 in.	23,419
H-2394-SF	H-2394-WF	55.0	52.2	7,938	6,390	4,961	20,671	5,557	190.9	22 in.	24,286
H-2494-SF	H-2494-WF	58.0	54.6	8,371	6,680	5,186	21,608	5,809	199.6	22 in.	25,153
H-2594-SF	H-2594-WF	60.0	57.0	8,660	6,970	5,411	22,546	6,061	208.2	22 in.	26,020

H-94 Boiler Requires Burner Mounting Plate and Approved Burner - Not Furnished

Standard Equipment

Field Assembled or Packaged Boilers:

- Cast Iron Sections
- Insulated Flush Jacket
- Flue Collar with Built-In Breeching Damper
- Observation Port on Front and Back Sections
- Front Cleanout Doors with Wing Nuts
- Front Cleanout Plates with Wing Nuts
- Back Access Door with Observation Port
- Two 3" Close Nipples & Caps for Washout Tappings on Front Section
- Flame Retention Burner (except H boilers)
- Burner Mounting Plate with Refractory (except H boilers)
- Return Flange (built into back section)
- Steel Strips for Field Assembled Boilers

Packaged Boilers:

- Factory Water Tested
- Low Water Cut-Off (Water: #PS-851-120; Steam: #61)

Water Boilers:

- 30 P.S.I. ASME Relief Valve (boilers tested for 50 P.S.I. working pressure)
- Combination High Limit and Low Limit Control
- Combination Pressure-Temp-Altitude Gauge
- Built-In Air Eliminator
- Supply Elbow or Top Supply Outlet
- Return Flange Reducer-6" N.P.T. (894-1294 boilers)
- Return Flange Reducer-10" N.P.T. (2194-2594 boilers)

Steam Boilers:

- 15 P.S.I. ASME Relief Valve - Side Outlet
- Low Limit and High Limit Pressure Controls
- Steam Pressure Gauge
- Gauge Glass, Cocks, & Guards

Optional Burner Mounting Plates for use with H-94 Burners

Burner Manufacturer	Burner Model Number	Model 94 Boiler	Burner Mounting Plate Part Number
Power Flame	WCR3-G-20, WCR-G-25	H-894 - H-1394	388-135-326
	WCR4-G-25, WCR4-G-30 WCR5-G-30	H-1494 - H-2595	388-135-327

94 Boiler Model Description



- Fuel
L=Oil
G=Gas
GL=Gas/Oil
 - No. of Sections
 - Blank or R=Reduced Rating
 - W=Water or S=Steam
 - F= Forced Draft
 - if required
- Specify:
- Burner Mfr.
 - Controls
 - Codes
 - Voltages
 - Other opts.
- H = Boiler without Burner & Burner Mounting Plate
 - AH = "H" Unit with Factory Assembled Sections
 - P = Packaged Boiler/Burner Unit
 - AB = Factory Assembled Sections - Boiler/Burner Unit
 - B = Field Assembled Boiler/Burner Unit

94 Boiler Model	Max # of Heaters	Tankless Heater Locations Section Arrangement <i>(All heaters on right side of boiler.)</i>
894 W&S	3	3,5,7
994 W&S	4	2, 4, 6, 8
1094 W&S	4	2, 4, 7, 9
1194 W&S	4	2, 4, 8, 10
1294 W&S	5	2, 4, 7, 9, 11
1394 W&S	5	3, 5, 8, 10, 12
1494 W&S	6	2, 4, 6, 9, 11, 13
1594 W&S	6	2, 4, 6, 10, 12, 14
1694 W&S	7	2, 4, 6, 9, 11, 13, 15
1794 W&S	7	3, 5, 7, 10, 12, 14, 16
1894 W&S	8	2, 4, 6, 8, 11, 13, 15, 17
1994 W&S	8	2, 4, 6, 9, 11, 14, 16, 18
2094 W&S	8	2, 4, 6, 10, 12, 15, 17, 19
2194 W	7	2, 4, 6, 9, 11, 13, 16
2194 S	5	2, 9, 11, 13, 20
2294 W	7	2, 4, 6, 10, 12, 14, 17
2294 S	5	2, 9, 11, 13, 21
2394 W	8	2, 4, 6, 9, 11, 13, 15, 18
2394 S	6	2, 9, 11, 13, 15, 22
2494 W	8	2, 4, 6, 8, 12, 14, 16, 19
2494 S	6	2, 8, 12, 14, 16, 23
2594 W	8	2, 4, 6, 8, 11, 13, 15, 17
2594 S	7	2, 8, 11, 13, 15, 17, 24

Note: Location of TI and SI sections (intermediates with tankless openings) counting from back to front match jacket knockouts.

Tankless Heater Abbreviations Key

W = Water; S = Steam; F = Front; B = Back
 TI = Intermediate Section with Tankless Opening
 I = Regular Intermediate Section
 SI = Steam Supply Intermediate Section
 Note: "I" sections can be substituted for "TI" sections

Model 94 Barometric Dampers

Part No.	Description
510-512-285	Barometric Damper 14" <i>(for Models 894 thru 994)</i>
510-512-295	Barometric Damper 18" <i>(for Models 1094 thru 1694)</i>
510-512-300	Barometric Damper 20" <i>(for Models 1794 thru 2194)</i>
510-512-301	Barometric Damper 24" <i>(for Models 2294 and 2594)</i>

Part No.	Model 94 Options
Special Order	80 PSIG water working pressure test of sections
Special Order	Inspection Openings-4 per section <i>(1-1/2" NPT with brass plug)</i>

94 Supply Tappings

Boiler Type	94 Models	Qty-Size
Water	894 - 1294	1 - 6 in.
	1394 - 2094	1 - 8 in.
	2194 - 2594	1 - 10 in.
Steam	894	1 - 8 in.
	994 - 2094	2 - 8 in.
	2194 - 2594	2 - 10 in.

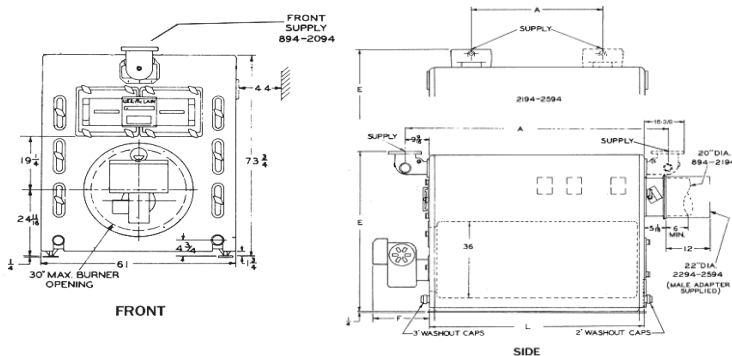
94 Return Tappings

Boiler Type	94 Models	Qty-Size
Water	894 - 1294	1 - 6 in.
	1394 - 2094	1 - 8 in.
	2194 - 2594	1 - 10 in.
Steam	894 - 2594	1 - 6 in.

94 Tankless Heater No.	Intermittent Draw 100°F Ave. Temp Rise <i>(from 40°F to 140°F with 200°F Boiler Water)</i>	Continuous Draw 100°F Ave. Temp Rise <i>(no recovery period)</i>	Inlet and Outlet Tappings
92-K-34	9 GPM	11 GPM	3/4 in.

Model 94 Dimensions

Model	A	E	L
894	---	76 in.	52-1/2 in.
994	77-5/8 in.	76 in.	58-1/2 in.
1094	83-5/8 in.	76 in.	64-1/2 in.
1194	89-5/8 in.	76 in.	70-1/2 in.
1294	95-5/8 in.	76 in.	76-1/2 in.
1394	101-5/8 in.	76 in.	82-1/2 in.
1494	107-5/8 in.	76 in.	88-1/2 in.
1594	113-5/8 in.	76 in.	94-1/2 in.
1694	119-5/8 in.	76 in.	100-1/2 in.
1794	125-5/8 in.	76 in.	106-1/2 in.
1894	131-5/8 in.	76 in.	112-1/2 in.
1994	137-5/8 in.	76 in.	118-1/2 in.
2094	143-5/8 in.	76 in.	124-1/2 in.
2194	72 in.	82-1/2 in.	130-1/2 in.
2294	78 in.	82-1/2 in.	136-1/2 in.
2394	84 in.	82-1/2 in.	142-1/2 in.
2494	90 in.	82-1/2 in.	148-1/2 in.
2594	96 in.	82-1/2 in.	154-1/2 in.



Notes for Model 94 Boilers

1. Ratings: Net I=B=R water ratings are based on piping and pick-up allowance of 1.15. Net I=B=R steam ratings are based on the following piping and pickup allowance of 1.288.
2. Gas pressures based on minimum pressure required to inlet of gas train under full-flow conditions.
3. All boiler-burner units to be force draft fired. Vent termination need not exceed the height of the roof by more than 3 feet.
4. Burners for "H" boilers must be capable of firing the boiler at rated input and specified overfire pressure without flame impingement. Any burner modifications and/or adjustments in the field to obtain proper operation are the responsibility of the installing contractor and/or start-up engineer.
5. "H" boiler burner mounting plates will have the following permanent tag: "The operation of the burner mounted to this boiler has not been tested by Weil-McLain. Contact the burner supplier for all service requirements".



Indirect-Fired Water Heaters

Sizes: 35, 45, 55, 85, 105

Series 1

Part No.	Description	Trade
Jacket Color: Pewter (matches Ultra Series products)		
633-500-000	Aqua Plus- 35 Wtr Htr Pewter	\$1,388
633-500-001	Aqua Plus- 45 Wtr Htr Pewter	\$1,396
633-500-002	Aqua Plus- 55 Wtr Htr Pewter	\$1,888
633-500-003	Aqua Plus- 85 Wtr Htr Pewter	\$2,323
633-500-004	Aqua Plus- 105 Wtr Htr Pewter	\$3,324

Part No.	Description	Trade
Jacket Color: Gold (matches Gold Series products) ***		
633-500-005	Aqua Plus- 35 Wtr Htr Gold	\$1,388
633-500-006	Aqua Plus- 45 Wtr Htr Gold	\$1,396
633-500-007	Aqua Plus- 55 Wtr Htr Gold	\$1,888
633-500-008	Aqua Plus- 85 Wtr Htr Gold	\$2,323
633-500-009	Aqua Plus- 105 Wtr Htr Gold	\$3,324

Accessories

Part No.	Description	Trade
633-500-012	Thermostatic Mixing Valve, 1 in.	Consult Weil-McLain for Pricing
633-500-021	High Temp Thermostat (Optional)	Consult Weil-McLain for Pricing

*** While Supplies Last

First Hour Ratings (With 50°F domestic water inlet and stated other conditions)

Aqua Plus Model	200°F Boiler Water		
	Boiler Out	115°F DHW	140°F DHW
	MBH	GPH	GPH
35	170	337	223
45	190	363	243
55	210	443	302
85	300	551	374
105	350	715	483

Aqua Plus Model	190°F Boiler Water		
	Boiler Out	115°F DHW	140°F DHW
	MBH	GPH	GPH
35	170	311	202
45	170	335	222
55	190	411	278
85	250	511	343
105	350	662	442

Aqua Plus Model	180°F Boiler Water		
	Boiler Out	115°F DHW	140°F DHW
	MBH	GPH	GPH
35	150	284	181
45	150	307	200
55	190	378	252
85	250	470	310
105	300	608	400

Data

Aqua Plus Model	35	45	55	85	105
DHW Side Storage	29.6 gal.	39.9 gal.	53.1 gal.	80.6 gal.	109.4 gal.
Boiler Side Storage	1.6 gal.	1.9 gal.	2.2 gal.	2.5 gal.	3.5 gal.
Recommended Flow Rate	8 GPM	8 GPM	8 GPM	14 GPM	14 GPM
Head Loss-Boiler Side	2.0 ft.	3.3 ft.	1.6 ft.	5.4 ft.	7.1 ft.
Working Pressure (Tank)	150 PSI (MAXIMUM)				
Working Pressure (Coil)	145 PSI (MAXIMUM)				
DHW Operating Temp	160°F *		180°F		
Approx. Shipping Weight	94 lbs.	111 lbs.	122 lbs.	223 lbs.	238 lbs.

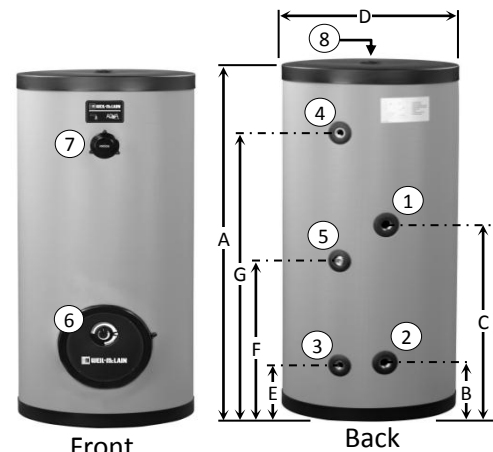
* Optional 180°F thermostat available

Key Features:

- Boiler water inlet
- Boiler water outlet
- Cold water inlet
- Hot water outlet
- Domestic water recirculation inlet
- Inspection hatch and cover with thermostat knob
- Magnesium anode rod
- T&P relief valve connection

Dimensions

Aqua Plus Model	35	45	55	85	105
DHW In/Out & Recirc	3/4" NPT		1" NPT		
Boiler Water In/Out	1" NPT				
A Dimension (inches)	36 3/8	46 1/4	60	59 1/2	59 3/4
B Dimension (inches)	7 7/8	7 7/8	7 7/8	10 3/8	14 1/4
C Dimension (inches)	24	26	29 7/8	33 1/4	41 3/8
D Dimension (inches)	21 7/8	21 7/8	21 7/8	26	30
E Dimension (inches)	7 3/8	7 3/8	7 3/8	8 7/8	9 7/8
F Dimension (inches)	17 5/8	21 1/4	28 1/8	31 1/2	29 5/8
G Dimension (inches)	28	37 7/8	51 3/8	50 3/8	48 5/8



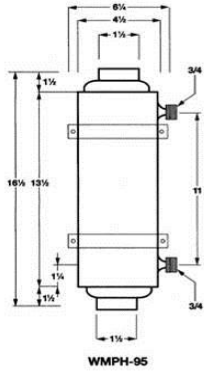
Standard features:

- AHRI Certified®- The Trusted Mark of Performance Assurance
- Factory pressure tested
- 316L welded stainless steel tank
- 304 stainless steel coil over 1inch in diameter
- Exclusive replaceable anode
- Dedicated recirculation tapping
- 2"-thick CFC-free foam insulation
- Large inspection port for easy cleaning and service
- 150 PSI pressure relief valve included
- Lifetime warranty

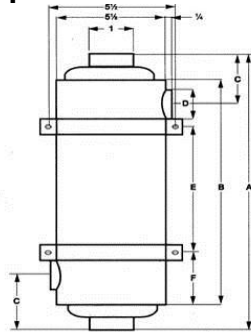


Maxi-Flo

Pool Heat Exchangers 95 - 400 MBH Output Series 1



WMPH-95



WMPH-135
200, 260 & 400

Maxi-Flo Pool Heat Exchangers

Part No.	Description	Trade
636-000-030	WMPH-95 Pool Htr	\$ 479
636-000-031	WMPH-135 Pool Htr	\$ 765
636-000-032	WMPH-200 Pool Htr	\$ 969
636-000-033	WMPH-260 Pool Htr	\$ 1,176
636-000-034	WMPH-400 Pool Htr	\$ 1,665
389-900-115	Pool Htr Nipple Kit 1-1/2"x10"	\$ 120
389-900-120	Pool Htr Nipple Kit 2"x10"	\$ 141

RATINGS	WMPH-95	WMPH-135	WMPH-200	WMPH-260	WMPH-400
Output	95 MBH	135 MBH	200 MBH	260 MBH	400 MBH

DATA

Max. Working Pressure	140 psig				
Max. Working Temp.	230°F				
Approx. Ship. Weight	6 lbs.	8 lbs.	11 lbs.	14 lbs.	24 lbs.

DIMENSIONS

Boiler Piping Connection	3/4 in. NPT		1 in. Female NPT		
Pool Piping Connection	1-1/2 in. Female NPT		2 in. NPT		
"A" Dimension	16-1/2 in.	13-1/2 in.	18-3/4 in.	23-3/4 in.	41-3/4 in.
"B" Dimension	13-1/2 in.	11 in.	16 in.	21-1/4 in.	39-3/8 in.
"C" Dimension	2-3/4 in.	3 in.		3-1/2 in.	
"D" Dimension	3/4 in.	1-1/2 in.	2 in.		
"E" Dimension	N.A.	4 in.	9 in.	14 in.	31-1/2 in.
"F" Dimension	N.A.	3-1/2 in.		4 in.	

WMBP Brazed Plate Heat Exchangers

Part No.	Description	Trade
636-000-001	WMBP1-14E BrzPlt Heat Exch	\$ 227
636-000-002	WMBP1-20E BrzPlt Heat Exch	\$ 285
636-000-003	WMBP1-30E BrzPlt Heat Exch	\$ 369
636-000-004	WMBP3-14 BrzPlt Heat Exch	\$ 564
636-000-005	WMBP3-20 BrzPlt Heat Exch	\$ 665
636-000-006	WMBP3-40 BrzPlt Heat Exch	\$ 989
636-000-007	WMBP4-10 BrzPlt Heat Exch	\$ 670
636-000-008	WMBP4-14 BrzPlt Heat Exch	\$ 788
636-000-009	WMBP4-24 BrzPlt Heat Exch	\$ 1,022
636-000-010	WMBP4-30 BrzPlt Heat Exch	\$ 1,140
636-000-011	WMBP4-50 BrzPlt Heat Exch	\$ 1,592
636-000-012	WMBP7-20 BrzPlt Heat Exch	\$ 2,635
636-000-013	WMBP7-24 BrzPlt Heat Exch	\$ 2,906
636-000-014	WMBP7-30 BrzPlt Heat Exch	\$ 3,312
636-000-015	WMBP7-40 BrzPlt Heat Exch	\$ 4,062
636-000-016	WMBP7-50 BrzPlt Heat Exch	\$ 4,817
636-000-017	WMBP7-60 BrzPlt Heat Exch	\$ 5,576

Model No.	Part No.	Threaded NPT	Weight	Height	Width	Depth		
WMBP1-14E	636-000-001	3/4 in.	3 lbs.	8 in.	2-7/8 in.	1-5/8 in.		
WMBP1-20E	636-000-002		4 lbs.			2 in.		
WMBP1-30E	636-000-003		5 lbs.			3 in.		
WMBP3-14	636-000-004	1 in.	5 lbs.	6-1/2 in.	4-5/8 in.	1-5/8 in.		
WMBP3-20	636-000-005		6 lbs.			2 in.		
WMBP3-40	636-000-006		8 lbs.			4 in.		
WMBP4-10	636-000-007		7 lbs.			12-7/8 in.	1-1/4 in.	
WMBP4-14	636-000-008		8 lbs.					1-5/8 in.
WMBP4-24	636-000-009		10 lbs.					2-1/2 in.
WMBP4-30	636-000-010		12 lbs.					3 in.
WMBP4-50	636-000-011	17 lbs.	4-7/8 in.					
WMBP7-20	636-000-012	2 in.	39 lbs.	20-5/8 in.	10-3/8 in.	2-1/8 in.		
WMBP7-24	636-000-013		44 lbs.			2-1/2 in.		
WMBP7-30	636-000-014		52 lbs.			3 in.		
WMBP7-40	636-000-015		65 lbs.			3-7/8 in.		
WMBP7-50	636-000-016		78 lbs.			4-7/8 in.		
WMBP7-60	636-000-017		82 lbs.			5-3/4 in.		

Notes: Plates & connections are 316 Stainless Steel - Brazing material is 99.9% copper
Maximum working pressure is 450 psig - Maximum working temperature is 365°F

WMB Forced Air Heat Exchangers Coil Output 58-124 MBH

Part No.	Description	Trade
382-930-300	WMB-3 Forced Air Heat Exch	\$ 643
382-930-301	WMB-4 Forced Air Heat Exch	\$ 742
382-930-302	WMB-5 Forced Air Heat Exch	\$ 963
382-930-303	WMB-6 Forced Air Heat Exch	\$ 1,033



For use in a plenum or duct

WMB-3	WMB-4	WMB-5	WMB-6
Part No.	Part No.	Part No.	Part No.

RATING / DESIGN CONDITIONS

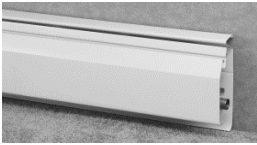
Boiler Input	60 MBH	83 MBH	107 MBH	128 MBH
Heat Exchanger Output	58 MBH	82 MBH	104 MBH	124 MBH
Pump Flow	6 GPM			
Entering Water Temp.	185°F			
Leaving Water Temp.	165°F	157°F	149°F	142°F
Water Pressure Drop	0.6 ft. water		0.5 ft. water	
Air Flow	750 CFM	1100 CFM	1490 CFM	1870 CFM
Entering Air Temp.	70°F			
Leaving Air Temp.	140°F	138°F	134°F	131°F
Air Friction	0.08 inches W.C.			

DIMENSIONS

Supply Tapping	1 in.			
Return Tapping	1 in.			
Length	18 in.	25 in.	29 in.	31 in.
Width	21 in.	21 in.	23 in.	27 in.
Height	3 3/8 in.			

EFFECT OF DESIGN CONDITION VARIANCES

Heat Exchanger Model No.	Air Flow	Entering Water Temperature					
		165°F		175°F		185°F	
		Coil Output	Leaving Air Temp.	Coil Output	Leaving Air Temp.	Coil Output	Leaving Air Temp.
WMB-3	500 CFM	39 MBH	152°F	43 MBH	160°F	47 MBH	158°F
	600 CFM	43 MBH	150°F	48 MBH	159°F	53 MBH	167°F
	700 CFM	47 MBH	149°F	52 MBH	157°F	56 MBH	165°F
WMB-4	700 CFM	54 MBH	147°F	60 MBH	154°F	66 MBH	162°F
	900 CFM	63 MBH	144°F	70 MBH	151°F	76 MBH	159°F
	1000 CFM	66 MBH	142°F	74 MBH	150°F	80 MBH	157°F
WMB-5	1100 CFM	77 MBH	139°F	85 MBH	146°F	94 MBH	153°F
	1300 CFM	84 MBH	137°F	93 MBH	143°F	102 MBH	150°F
	1500 CFM	90 MBH	135°F	99 MBH	141°F	104 MBH	149°F
WMB-6	1500 CFM	97 MBH	132°F	108 MBH	138°F	118 MBH	145°F
	1700 CFM	102 MBH	130°F	114 MBH	136°F	124 MBH	142°F
	1900 CFM	108 MBH	129°F	120 MBH	134°F	124 MBH	142°F



Therma Trim Fin-Tube Baseboard

7-13/32" High (3/4" Copper Tube with Aluminum Fins)

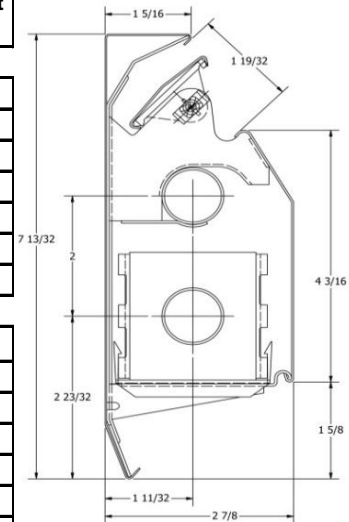
Series 2

Therma Trim Assemblies

Part No.	Description (Quantity per Part No.)	Trade	Ship Wt	Pallet Qty*
TT Complete Units with 3/4" Element				
611-111-005	2' Length of 3/4" TT - Complete Assembly (1)	\$ 26.49	5 lbs	N.A.
611-111-010	3' Length of 3/4" TT - Complete Assembly (1)	\$ 39.74	8 lbs	N.A.
611-111-015	4' Length of 3/4" TT - Complete Assembly (1)	\$ 52.98	10 lbs	28
611-111-020	5' Length of 3/4" TT - Complete Assembly (1)	\$ 66.23	12 lbs	28
611-111-025	6' Length of 3/4" TT - Complete Assembly (1)	\$ 79.48	14 lbs	28
611-111-030	7' Length of 3/4" TT - Complete Assembly (1)	\$ 92.72	17 lbs	28
611-111-035	8' Length of 3/4" TT - Complete Assembly (1)	\$ 105.97	19 lbs	28
TT Enclosures Only (without Heating Elements)				
611-311-075	2' Length of 3/4" TT - Enclosure Only (1)	\$ 16.36	4 lbs	N.A.
611-311-080	3' Length of 3/4" TT - Enclosure Only (1)	\$ 24.54	6 lbs	N.A.
611-311-085	4' Length of 3/4" TT - Enclosure Only (1)	\$ 32.71	8 lbs	40
611-311-090	5' Length of 3/4" TT - Enclosure Only (1)	\$ 40.89	10 lbs	40
611-311-095	6' Length of 3/4" TT - Enclosure Only (1)	\$ 49.07	12 lbs	40
611-311-100	7' Length of 3/4" TT - Enclosure Only (1)	\$ 57.25	14 lbs	40
611-311-105	8' Length of 3/4" TT - Enclosure Only (1)	\$ 65.43	15 lbs	40
TT 3/4" Heating Elements Only				
611-211-040	2' Length of 3/4" TT - Heating Element Only (1)	\$ 13.08	1 lb	N.A.
611-211-045	3' Length of 3/4" TT - Heating Element Only (1)	\$ 19.62	2 lbs	N.A.
611-211-050	4' Length of 3/4" TT - Heating Element Only (1)	\$ 26.16	2 lbs	N.A.
611-211-055	5' Length of 3/4" TT - Heating Element Only (1)	\$ 32.70	3 lbs	N.A.
611-211-060	6' Length of 3/4" TT - Heating Element Only (1)	\$ 39.24	3 lbs	N.A.
611-211-065	7' Length of 3/4" TT - Heating Element Only (1)	\$ 45.78	4 lbs	N.A.
611-211-070	8' Length of 3/4" TT - Heating Element Only (1)	\$ 52.32	4 lbs	N.A.

* Order full pallet quantities where available.

Dimensions



GPM	110°F	120°F	130°F	140°F
1	150*	200*	250*	300*
4	160*	220*	280*	340*

GPM	150°F	160°F	170°F	180°F
7	360	420	490	565
10	400	440	520	590

GPM	190°F	200°F	210°F	220°F
13	630	690	750	820
16	660	730	790	860

*Ratings at 140°F and lower temperatures determined by multiplying 150°F rating by the applicable factor specified in Table E in the I=B=R Testing and Standard for Baseboard radiation.

Therma Trim Baseboard Accessories

Part No.	Description (Quantity per Part No.)	Trade
611-411-145	TT 4" Left Hand End Cap with Hinge (2)	\$ 26.00
611-411-150	TT 4" Right Hand End Cap with Hinge (2)	\$ 26.00
611-411-155	TT 2" Left Hand End Cap Non-Hinge (2)	\$ 14.43
611-411-160	TT 2" Right Hand End Cap Non-Hinge (2)	\$ 14.43
611-411-170	TT 7" Filler Sleeve (1)	\$ 13.00
611-411-175	TT 14" Filler Sleeve (1)	\$ 15.90
611-411-185	TT 2" Slice Plate (1)	\$ 5.60
611-411-190	TT 90° Inside Corner (2)	\$ 19.76
611-411-195	TT 90° Outside Corner (6)	\$ 127.17
611-411-205	TT 135° Inside Bay Corner (2)	\$ 22.35
611-411-210	TT 135° Outside Bay Corner (6)	\$ 133.48
611-411-215	TT Damper Pivot Only (1)	\$ 1.30
611-411-220	TT Plastic Expansion Cradle (1)	\$ 2.70
611-411-225	TT Support Bracket with Pivot (1)	\$ 6.13
601-111-323	TT Return Bend Fitting (10)	\$ 92.96
611-410-801	Floor Grommet (10)	\$ 21.52
611-410-630	Flex Riser Connector without Coupling (1)	\$ 30.73
611-410-640	Flex Riser Connector with Coupling (1)	\$ 30.73
611-410-803	Flex Corner Connector (1)	\$ 22.15
611-420-670	Flex Riser Connector (1") (1)	\$ 41.08
592-000-002	Nu-WhiteTouch-Up Spray Paint (1)	\$ 11.33



HT

High Trim Fin-Tube Baseboard

9-1/4" High (3/4" Copper Tube with Aluminum Fins)

Series 2

High Trim Assemblies

Part No.	Description (Quantity per Part No.)	Trade	Ship Wt	Pallet Qty*
HT Complete Units with 3/4" Element				
612-111-005	2' Length of 3/4" HT - Complete Assembly (1)	\$ 44.68	5 lbs	N.A.
612-111-010	3' Length of 3/4" HT - Complete Assembly (1)	\$ 67.02	8 lbs	N.A.
612-111-015	4' Length of 3/4" HT - Complete Assembly (1)	\$ 89.36	10 lbs	21
612-111-020	5' Length of 3/4" HT - Complete Assembly (1)	\$ 111.70	12 lbs	21
612-111-025	6' Length of 3/4" HT - Complete Assembly (1)	\$ 134.04	14 lbs	21
612-111-030	7' Length of 3/4" HT - Complete Assembly (1)	\$ 156.39	17 lbs	21
612-111-035	8' Length of 3/4" HT - Complete Assembly (1)	\$ 178.73	19 lbs	21

HT Enclosures Only (without Heating Elements)

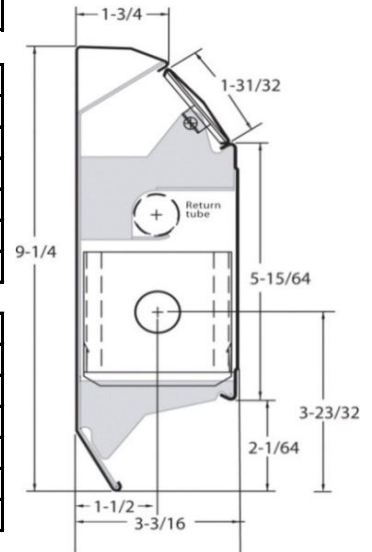
612-311-080	2' Length of 3/4" HT - Enclosure Only (1)	\$ 24.39	4 lbs	N.A.
612-311-085	3' Length of 3/4" HT - Enclosure Only (1)	\$ 36.59	6 lbs	N.A.
612-311-090	4' Length of 3/4" HT - Enclosure Only (1)	\$ 48.78	8 lbs	27
612-311-095	5' Length of 3/4" HT - Enclosure Only (1)	\$ 60.98	10 lbs	27
612-311-100	6' Length of 3/4" HT - Enclosure Only (1)	\$ 73.17	12 lbs	27
612-311-105	7' Length of 3/4" HT - Enclosure Only (1)	\$ 85.37	14 lbs	27
612-311-110	8' Length of 3/4" HT - Enclosure Only (1)	\$ 97.56	15 lbs	27

HT 3/4" Heating Elements Only

612-211-040	2' Length of 3/4" HT - Heating Element Only (1)	\$ 25.96	1 lb	N.A.
612-211-045	3' Length of 3/4" HT - Heating Element Only (1)	\$ 38.93	2 lbs	N.A.
612-211-050	4' Length of 3/4" HT - Heating Element Only (1)	\$ 51.91	2 lbs	N.A.
612-211-055	5' Length of 3/4" HT - Heating Element Only -1	\$ 64.89	3 lbs	N.A.
612-211-060	6' Length of 3/4" HT - Heating Element Only (1)	\$ 77.87	3 lbs	N.A.
612-211-065	7' Length of 3/4" HT - Heating Element Only (1)	\$ 90.85	4 lbs	N.A.
612-211-070	8' Length of 3/4" HT - Heating Element Only (1)	\$ 103.82	4 lbs	N.A.

* Order full pallet quantities where available.

Dimensions



High Trim Model HT

Capacities in BTU/Hr. per Linear Foot with 65°F Entering Air

Single Element High Trim - Model HT 3/4"

GPM	lbs/hr	110°F	120°F	130°F	140°F
1	47	195*	260*	330*	400*
4	525	210*	280*	350*	430*

GPM	lbs/hr	150°F	160°F	170°F	180°F
7	1003	480	560	640	720
10	1481	510	590	680	760

GPM	lbs/hr	190°F	200°F	210°F	220°F
13	1959	800	880	960	1040
16	2437	9850	930	1020	1100

*Ratings at 140°F and lower temperatures determined by multiplying 150°F rating by the applicable factor specified in Table E in the I=B=R Testing and Standard for Baseboard radiation.

High Trim Baseboard Accessories

Part No.	Description (Quantity per Part No.)	Trade
612-411-150	HT 4" Left Hand End Cap with Hinge (2)	\$ 38.89
612-411-155	HT 4" Right Hand End Cap with Hinge (2)	\$ 38.89
612-411-160	HT 2" Left Hand End Cap Non-Hinge (2)	\$ 28.73
612-411-165	HT 2" Right Hand End Cap Non-Hinge (2)	\$ 28.73
612-411-170	HT 90° Inside Corner (2)	\$ 26.63
612-411-175	HT 90° Outside Corner (6)	\$ 183.51
612-411-186	HT 2" Splice Plate (1)	\$ 19.58
612-411-185	HT 135° Inside Bay Corner (2)	\$ 62.57
612-411-187	HT 135° Outside Bay Corner (6)	\$ 212.10
612-411-190	HT 7" Filler Sleeve (1)	\$ 19.27
612-411-195	HT 14" Filler Sleeve (1)	\$ 25.23
612-411-215	HT Damper Pivot Only (1)	\$ 0.60
612-411-220	HT Plastic Expansion Cradle (1)	\$ 1.26
612-411-225	HT Support Bracket with Pivot (1)	\$ 7.46
611-410-801	Floor Grommet (10)	\$ 21.52
611-410-630	Flex Riser Connector without Coupling (1)	\$ 30.73
611-410-640	Flex Riser Connector with Coupling (1)	\$ 30.73
611-410-803	Flex Corner Connector (1)	\$ 22.15
611-420-670	Flex Riser Connector (1") (1)	\$ 41.08
592-000-002	Nu-WhiteTouch-Up Spray Paint (1)	\$ 11.33

Complete Units Cast Iron Baseboard

Individual listings of CIBB show the actual ship level part numbers and quantities along with total trade price for each complete length of baseboard

Complete CIBB 1 to 6 Ft.

Part No.	Description	Trade
190-100-000	1 Ft. Complete CIBB #9	\$ 48.61
622-900-100	1 Ft. Complete CIBB (1)	\$ 48.61
624-900-200	Acc Pkg 1-6 Ft. CIBB (1)	no charge
625-100-110	Air Seals (in rolls) 12" high (2)	no charge
190-100-002	1-1/2 Ft. Complete CIBB #9	\$ 72.88
622-900-103	1-1/2 Ft. Complete CIBB (1)	\$ 72.88
624-900-200	Acc Pkg 1-6 Ft. CIBB (1)	no charge
625-100-110	Air Seals (in rolls) 12" high (3)	no charge
190-100-004	2 Ft. Complete CIBB #9	\$ 97.19
622-900-106	2 Ft. Complete CIBB (1)	\$ 97.19
624-900-200	Acc Pkg 1-6 Ft. CIBB (1)	no charge
625-100-110	Air Seals (in rolls) 12" high (3)	no charge
190-100-006	2-1/2 Ft. Complete CIBB #9	\$ 121.49
622-900-109	2-1/2 Ft. Complete CIBB (1)	\$ 121.49
624-900-200	Acc Pkg 1-6 Ft. CIBB (1)	no charge
625-100-110	Air Seals (in rolls) 12" high (4)	no charge
190-100-008	3 Ft. Complete CIBB #9	\$ 145.80
622-900-112	3 Ft. Complete CIBB (1)	\$ 145.80
624-900-200	Acc Pkg 1-6 Ft. CIBB (1)	no charge
625-100-110	Air Seals (in rolls) 12" high (4)	no charge
190-100-010	3-1/2 Ft. Complete CIBB #9	\$ 170.09
622-900-115	3-1/2 Ft. Complete CIBB (1)	\$ 170.09
624-900-200	Acc Pkg 1-6 Ft. CIBB (1)	no charge
625-100-110	Air Seals (in rolls) 12" high (5)	no charge
190-100-012	4 Ft. Complete CIBB #9	\$ 194.35
622-900-118	4 Ft. Complete CIBB (1)	\$ 194.35
624-900-200	Acc Pkg 1-6 Ft. CIBB (1)	no charge
625-100-110	Air Seals (in rolls) 12" high (5)	no charge
190-100-014	4-1/2 Ft. Complete CIBB #9	\$ 218.67
622-900-121	4-1/2 Ft. Complete CIBB (1)	\$ 218.67
624-900-200	Acc Pkg 1-6 Ft. CIBB (1)	no charge
625-100-110	Air Seals (in rolls) 12" high (6)	no charge
190-100-016	5 Ft. Complete CIBB #9	\$ 242.96
622-900-124	5 Ft. Complete CIBB (1)	\$ 242.96
624-900-200	Acc Pkg 1-6 Ft. CIBB (1)	no charge
625-100-110	Air Seals (in rolls) 12" high (6)	no charge
190-100-018	5-1/2 Ft. Complete CIBB #9	\$ 267.28
622-900-127	5-1/2 Ft. Complete CIBB (1)	\$ 267.28
624-900-200	Acc Pkg 1-6 Ft. CIBB (1)	no charge
625-100-110	Air Seals (in rolls) 12" high (7)	no charge
190-100-020	6 Ft. Complete CIBB #9	\$ 291.55
622-900-130	6 Ft. Complete CIBB (1)	\$ 291.55
624-900-200	Acc Pkg 1-6 Ft. CIBB (1)	no charge
625-100-110	Air Seals (in rolls) 12" high (7)	no charge

Complete CIBB 6-1/2 to 12 Ft.

Part No.	Description	Trade
190-100-022	6-1/2 Ft. Complete CIBB #9	\$ 315.88
623-900-106	5-1/2 Ft. LH CIBB Sub Assy (1)	\$ 267.28
623-900-120	1 Ft. RH CIBB Sub Assy (1)	\$ 48.61
624-900-210	Acc Pkg 6-1/2-12 Ft. CIBB (1)	no charge
625-100-110	Air Seals (in rolls) 12" high (8)	no charge
190-100-024	7 Ft. Complete CIBB #9	\$ 340.16
623-900-109	6 Ft. LH CIBB Sub Assy (1)	\$ 291.55
623-900-120	1 Ft. RH CIBB Sub Assy (1)	\$ 48.61
624-900-210	Acc Pkg 6-1/2-12 Ft. CIBB (1)	no charge
625-100-110	Air Seals (in rolls) 12" high (8)	no charge
190-100-026	7-1/2 Ft. Complete CIBB #9	\$ 364.47
623-900-106	5-1/2 Ft. LH CIBB Sub Assy (1)	\$ 267.28
623-900-123	2 Ft. RH CIBB Sub Assy (1)	\$ 97.19
624-900-210	Acc Pkg 6-1/2-12 Ft. CIBB (1)	no charge
625-100-110	Air Seals (in rolls) 12" high (9)	no charge
190-100-028	8 Ft. Complete CIBB #9	\$ 388.74
623-900-109	6 Ft. LH CIBB Sub Assy (1)	\$ 291.55
623-900-123	2 Ft. RH CIBB Sub Assy (1)	\$ 97.19
624-900-210	Acc Pkg 6-1/2-12 Ft. CIBB (1)	no charge
625-100-110	Air Seals (in rolls) 12" high (9)	no charge
190-100-030	8-1/2 Ft. Complete CIBB #9	\$ 413.07
623-900-106	5-1/2 Ft. LH CIBB Sub Assy (1)	\$ 267.28
623-900-126	3 Ft. RH CIBB Sub Assy (1)	\$ 145.80
624-900-210	Acc Pkg 6-1/2-12 Ft. CIBB (1)	no charge
625-100-110	Air Seals (in rolls) 12" high (10)	no charge
190-100-032	9 Ft. Complete CIBB #9	\$ 437.35
623-900-109	6 Ft. LH CIBB Sub Assy (1)	\$ 291.55
623-900-126	3 Ft. RH CIBB Sub Assy (1)	\$ 145.80
624-900-210	Acc Pkg 6-1/2-12 Ft. CIBB (1)	no charge
625-100-110	Air Seals (in rolls) 12" high (10)	no charge
190-100-034	9-1/2 Ft. Complete CIBB #9	\$ 461.63
623-900-106	5-1/2 Ft. LH CIBB Sub Assy (1)	\$ 267.28
623-900-129	4 Ft. RH CIBB Sub Assy (1)	\$ 194.35
624-900-210	Acc Pkg 6-1/2-12 Ft. CIBB (1)	no charge
625-100-110	Air Seals (in rolls) 12" high (11)	no charge
190-100-036	10 Ft. Complete CIBB #9	\$ 485.90
623-900-109	6 Ft. LH CIBB Sub Assy (1)	\$ 291.55
623-900-129	4 Ft. RH CIBB Sub Assy (1)	\$ 194.35
624-900-210	Acc Pkg 6-1/2-12 Ft. CIBB (1)	no charge
625-100-110	Air Seals (in rolls) 12" high (11)	no charge
190-100-038	10-1/2 Ft. Complete CIBB #9	\$ 510.23
623-900-106	5-1/2 Ft. LH CIBB Sub Assy (1)	\$ 267.28
623-900-131	5 Ft. RH CIBB Sub Assy (1)	\$ 242.96
624-900-210	Acc Pkg 6-1/2-12 Ft. CIBB (1)	no charge
625-100-110	Air Seals (in rolls) 12" high (12)	no charge
190-100-040	11 Ft. Complete CIBB #9	\$ 534.51
623-900-109	6 Ft. LH CIBB Sub Assy (1)	\$ 291.55
623-900-131	5 Ft. RH CIBB Sub Assy (1)	\$ 242.96
624-900-210	Acc Pkg 6-1/2-12 Ft. CIBB (1)	no charge
625-100-110	Air Seals (in rolls) 12" high (12)	no charge
190-100-042	11-1/2 Ft. Complete CIBB #9	\$ 558.83
623-900-106	5-1/2 Ft. LH CIBB Sub Assy (1)	\$ 267.28
623-900-133	6 Ft. RH CIBB Sub Assy (1)	\$ 291.55
624-900-210	Acc Pkg 6-1/2-12 Ft. CIBB (1)	no charge
625-100-110	Air Seals (in rolls) 12" high (13)	no charge
190-100-044	12 Ft. Complete CIBB #9	\$ 583.10
623-900-109	6 Ft. LH CIBB Sub Assy (1)	\$ 291.55
623-900-133	6 Ft. RH CIBB Sub Assy (1)	\$ 291.55
624-900-210	Acc Pkg 6-1/2-12 Ft. CIBB (1)	no charge
625-100-110	Air Seals (in rolls) 12" high (13)	no charge



CIBB

Cast Iron Baseboard

9-3/4" High

Snug No. 9

CIBB Complete & Sub Assemblies

Length	Part No.	Trade
CIBB Complete Assemblies*		
1 ft.	190-100-000	\$ 48.61
1-1/2 ft.	190-100-002	\$ 72.88
2 ft.	190-100-004	\$ 97.19
2-1/2 ft.	190-100-006	\$ 121.49
3 ft.	190-100-008	\$ 145.80
3-1/2 ft.	190-100-010	\$ 170.09
4 ft.	190-100-012	\$ 194.35
4-1/2 ft.	190-100-014	\$ 218.67
5 ft.	190-100-016	\$ 242.96
5-1/2 ft.	190-100-018	\$ 267.28
6 ft.	190-100-020	\$ 291.55

Length	Part No.	Trade
CIBB Left Sub Assemblies		
1-1/2 ft.	623-900-100	\$ 72.88
2 ft.	623-900-103	\$ 97.19
5-1/2 ft.	623-900-106	\$ 267.28
6 ft.	623-900-109	\$ 291.55

Length	Part No.	Trade
CIBB Center Sub Assemblies		
2 ft.	623-900-150	\$ 97.19
6 ft.	623-900-155	\$ 291.55

Length	Part No.	Trade
CIBB Right Sub Assemblies		
1 ft.	623-900-120	\$ 48.61
2 ft.	623-900-123	\$ 97.19
3 ft.	623-900-126	\$ 145.80
4 ft.	623-900-129	\$ 194.35
5 ft.	623-900-131	\$ 242.96
6 ft.	623-900-133	\$ 291.55

*Acc Pkg and Air Seals included

CIBB Accessories

Part No.	Description (Quantity per Part No.)	Trade
624-900-100	Valve Enclosure (End Cover Not Included) (1)	\$ 16.74
624-900-105	5½" Plain Enclosure (End Cover Not Included) (1)	\$ 7.68
624-900-110	10" Plain Enclosure (End Cover Not Included) (1)	\$ 9.00
624-900-115	Left Hand End Cover (1)	\$ 7.35
624-900-120	Right Hand End Cover (1)	\$ 7.35
624-900-125	4" Inside Cover (1)	\$ 12.12
624-900-130	10" Inside Corner Cover (1)	\$ 21.55
624-900-135	Outside Corner Cover (1)	\$ 17.33
624-900-140	Metal Extension - Plain 3' Length (1)	\$ 31.14
624-900-145	Metal Extension - Matched 6' Length Set (1-6 ft. Matched Metal Extension, 3-Hangers, 2-Transition Pieces, 6-#8 Screws, 4-#6 Screws) (1)	\$ 83.92
624-900-150	Transition Piece, Left Hand (1)	\$ 5.11
624-900-155	Transition Piece, Right Hand (1)	\$ 5.11
624-900-160	Hanger - Metal Extension (1)	\$ 5.86
624-900-165	Splice Piece (1)	\$ 5.67
624-900-170	Assembly Clamp - Lever Type (1)	\$ 148.22
624-900-175	Easy Angle Connectors - 4" Inside Corner (1)	\$ 33.51
624-900-180	Easy Angle Connectors - 10" Outside Corner (1)	\$ 40.59
624-900-200	Acc Pkg 1-6 ft. CIBB *Does not include Push Nipples (1)	\$ 7.57
624-900-210	Acc Pkg 1-1/2-12 ft. CIBB (1)	\$ 12.56
624-900-220	Acc Pkg 12-1/2-18 ft. CIBB (1)	\$ 18.85
624-900-230	Acc Pkg 18-1/2-24 ft. CIBB (1)	\$ 25.15
624-900-235	CIBB Stock Box (22 push nipples, screws & bolts) (1)	\$ 69.72
625-100-100	Holding Clip Casting (1)	\$ 1.11
561-704-357	Tie Bolts - 5/16" x 1" (two required) (1)	\$ 0.64
625-100-110	Air Seals - 12" high rolls (Price per linear ft.) (1)	\$ 0.57
625-100-115	Push Nipples (1)	\$ 1.90
561-431-482	1/8" Air Vent Plug (1)	\$ 0.06
562-135-746	Center Support (1)	\$ 0.47
510-148-565	1/8" Coin Air Vent Valve (1)	\$ 2.47

CIBB Buildups

Snug Base-Board Lengths	Sub Assemblies		
	Left	Center	Right
1 ft.	complete assembly		
1-1/2 ft.	complete assembly		
2 ft.	complete assembly		
2-1/2 ft.	1-1/2 ft.		1 ft.
3 ft.	2 ft.		1 ft.
3-1/2 ft.	1-1/2 ft.		2 ft.
4 ft.	2 ft.		2 ft.
4-1/2 ft.	1-1/2 ft.	2 ft.	1 ft.
5 ft.	2 ft.	2 ft.	1 ft.
5-1/2 ft.	1-1/2 ft.	2 ft.	2 ft.
6 ft.	2 ft.	2 ft.	2 ft.
6-1/2 ft.	5-1/2 ft.		1 ft.
7 ft.	6 ft.		1 ft.
7-1/2 ft.	5-1/2 ft.		2 ft.
8 ft.	6 ft.		2 ft.
8-1/2 ft.	5-1/2 ft.		3 ft.
9 ft.	6 ft.		3 ft.
9-1/2 ft.	5-1/2 ft.		4 ft.
10 ft.	6 ft.		4 ft.
10-1/2 ft.	5-1/2 ft.		5 ft.
11 ft.	6 ft.		5 ft.
11-1/2 ft.	5-1/2 ft.		6 ft.
12 ft.	6 ft.		6 ft.
12-1/2 ft.	5-1/2 ft.	6 ft.	1 ft.
13 ft.	6 ft.	6 ft.	1 ft.
13-1/2 ft.	5-1/2 ft.	6 ft.	2 ft.
14 ft.	6 ft.	6 ft.	2 ft.
14-1/2 ft.	5-1/2 ft.	6 ft.	3 ft.
15 ft.	6 ft.	6 ft.	3 ft.
15-1/2 ft.	5-1/2 ft.	6 ft.	4 ft.
16 ft.	6 ft.	6 ft.	4 ft.
16-1/2 ft.	5-1/2 ft.	6 ft.	5 ft.
17 ft.	6 ft.	6 ft.	5 ft.
17-1/2 ft.	5-1/2 ft.	6 ft.	6 ft.
18 ft.	6 ft.	6 ft.	6 ft.
18-1/2 ft.	5-1/2 ft.	2 - 6 ft.	1 ft.
19 ft.	6 ft.	2 - 6 ft.	1 ft.
19-1/2 ft.	5-1/2 ft.	2 - 6 ft.	2 ft.
20 ft.	6 ft.	2 - 6 ft.	2 ft.
20-1/2 ft.	5-1/2 ft.	2 - 6 ft.	3 ft.
21 ft.	6 ft.	2 - 6 ft.	3 ft.
21-1/2 ft.	5-1/2 ft.	2 - 6 ft.	4 ft.
22 ft.	6 ft.	2 - 6 ft.	4 ft.
22-1/2 ft.	5-1/2 ft.	2 - 6 ft.	5 ft.
23 ft.	6 ft.	2 - 6 ft.	5 ft.
23-1/2 ft.	5-1/2 ft.	2 - 6 ft.	6 ft.
24 ft.	6 ft.	2 - 6 ft.	6 ft.

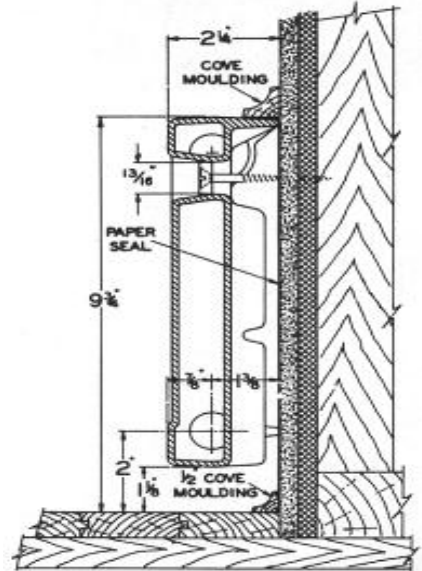
Cast Iron Baseboard (CIBB)

Hot Water Ratings in BTU/Hr *

Based on 65°F Entering Air Temperature

500 Lbs. Per Hour Flow Rate

Panel Length Linear Feet	Average Water Temperature Between Inlet & Outlet						
	150°F	160°F	170°F	180°F	190°F	200°F	215°F
1/2 ft. **	195	225	255	285	320	350	400
1 ft.	390	450	510	570	640	700	800
2 ft.	780	900	1020	1140	1280	1400	1600
3 ft.	1170	1350	1530	1710	1920	2100	2400
4 ft.	1560	1800	2040	2280	2560	2800	3200
5 ft.	1950	2250	2550	2850	3200	3500	4000
6 ft.	2340	2700	3060	3420	3840	4200	4800
7 ft.	2730	3150	3570	3990	4480	4900	5600
8 ft.	3120	3600	4080	4560	5120	5600	6400
9 ft.	3510	4050	4590	5130	5760	6300	7200
10 ft.	3900	4500	5100	5700	6400	7000	8000
11 ft.	4290	4950	5610	6270	7040	7700	8800
12 ft.	4680	5400	6120	6840	7680	8400	9600
13 ft.	5070	5850	6630	7410	8320	9100	10400
14 ft.	5460	6300	7140	7980	8960	9800	11200
15 ft.	5850	6750	7650	8550	9600	10500	12000
16 ft.	6240	7200	8160	9120	10240	11200	12800
17 ft.	6630	7650	8670	9690	10880	11900	13600
18 ft.	7020	8100	9180	10260	11520	12600	14400
19 ft.	7410	8550	9690	10830	12160	13300	15200
20 ft.	7800	9000	10200	11400	12800	14000	16000
21 ft.	8190	9450	10710	11970	13440	14700	16800
22 ft.	8580	9900	11220	12540	14080	15400	17600
23 ft.	8970	10350	11730	13110	14720	16100	18400
24 ft.	9360	10800	12240	13680	15360	16800	19200
25 ft.	9750	11250	12750	14250	16000	17500	20000



Notes:

* Ratings are assigned based on tests conducted in accordance with the I=B=R testing and Rating Code for Baseboard Radiation and include the 15% allowance permitted by the Code. Ratings are based on active length which is the same as the total length.

** Cast Iron Baseboard is available in 6-inch increments. The capacity of 6-inch lengths can be calculated by adding 1/2 ft. rating to the even foot panel rating. Example: At 190°F average water temperature, a 15-1/2 ft. CIBB panel rating is 9600 + 320 = 9920 BTU/Hr.

Cast Iron Baseboard Capacity Factors & Pressure Drop

Data for Performance at Various Flow Rates

(Including pressure drop data for 3/4" steel pipe)

Flow Rate		Cw***	Pressure Drops (Milinches H ₂ O)		
Lbs./Hr.	G.P.M.		Per ft. of 3/4" Pipe	Entrance & Exit	Additional per Ft.
500	1.0	1.000	40	65	15.5
750	1.5	1.016	87	140	32.0
1000	2.0	1.028	148	245	52.5
1250	2.5	1.038	224	375	79.5
1500	3.0	1.045	315	500	109.5
1750	3.5	1.051	415	680	148.0
2000	4.0	1.057	535	870	188.0
2250	4.5	1.062	670	1090	233.0
2500	5.0	1.067	810	1300	288.0
3000	6.0	1.074	1120	1825	395.0

*** On a completely designed system where the flow rate is known, the capacity at that flow rate may be obtained by multiplying the corresponding "Cw" factor times the capacity at the standard 500 Lbs./Hr. flow rate. Otherwise, use the 500 Lbs./Hr. rating.

Pressure drop of CIBB panels may be obtained at any of the flow rates listed in the "CIBB Flow Rates" table by adding the entrance and exit drop to the panel length in feet times the additional drop per foot.

Example for "Capacity Factors & Pressure Drop" Chart

A 24 ft. CIBB panel will be operating with 190°F average water temperature at 2500 lbs./hr. flow rate. What will the capacity and the pressure drop be?

$$\begin{aligned} \text{Capacity} &= 15,360 \times 1.067 = 16,389 \text{ BTU/Hr.} \\ \text{Pressure Drop} &= 1300 + (24 \times 288) \\ &= 1300 + 6912 \\ &= 8212 \text{ milinches H}_2\text{O} \end{aligned}$$

-or- 8212 divided by 12000 = 0.684 ft. H₂O



Multiple Boiler System Accessories
and Zone Controllers for All Systems



Multiple Boiler Systems & Zone Controllers

Boiler Control Panels

Part No.	Description	Trade
389-900-220	BCP-3 Control Panel	\$ 715
389-900-221	BCP-8 Water Control Panel	\$ 1,515
389-900-222	BCP-8 Steam Control Panel	\$ 1,858
389-900-223	BCP-8X Extension Module	\$ 1,343
389-900-224	BMC Modulating Control	\$ 1,670

Sensor Kits for Boiler Control Panels

Part No.	Description	Trade
389-900-225	BMC 6X Extension Module	\$ 1,893
389-900-226	BMC 4-2- ma Input Module	\$ 482
389-900-219	BSC Multiple Water/Steam Sequencing/Modulating Control *	\$ 5,462
389-900-228	Sequencing/Modulating Control with BacNET	\$ 8,604
389-900-231	BSC 8X Expansion Module	\$ 3,277
389-900-232	BSC 0-10v Output Card	\$ 232
389-900-233	BSC 0-135ohm Output Card	\$ 232

*Need 1 output card for every two boilers

Accessories (sensors are included with every model except BSC and BSCNET)

Part No.	Description	Type	Trade
389-900-229	Universal 3-in-1 Temperature Outdoor Sensor Kit (1sensor included)	Water/Outdoor	\$ 120
389-900-230	Brass Tube Sebsir w/8" of wire- indoor system sensor	Water/Indoor	\$ 51
511-624-643	Pressure Sensor Assembly (less siphon)	Steam/Indoor	\$ 531

Zone Controllers

Part No.	Description	Trade
389-900-200	WMR-21 - DPSI Relay	\$ 75
389-900-201	WMR-22 - DPDT Relay	\$ 70
389-900-202	WMCR-2 - 2 Zone Circ Cntrl	\$ 153
389-900-203	WMCR-3 - 3 Zone Circ Cntrl	\$ 200
389-900-204	WMCR-4 - 4 Zone Circ Cntrl	\$ 295
389-900-205	WMCR-6 - 6 Zone Circ Cntrl	\$ 318
389-900-206	WMZV-4 - 4 Zone Valve Cntrl	\$ 158
389-900-207	WMZV-6 - 6 Zone Valve Cntrl	\$ 196
389-900-208	WMCR-1E - 1 Zone Exp Module	\$ 83
389-900-209	WMCR-4E - 4 Zone Exp Module	\$ 243



Easy-Fit® NOTES:

1. Two manifolds required with systems with 2-4 boilers.
2. Four manifolds required with systems with 5-8 boilers.
3. Refer to individual multiple boiler installation manual to select proper size.

Easy-Fit® Manifolds

Part No.	Description	Trade
591-126-579	Manifold Copper - 2"x 1"	\$ 67
591-126-586	Manifold Iron - 2"x 1-1/4"	\$ 40
591-126-577	Manifold Iron - 4"x 2"	\$ 126

Water Level Controls and Low Water Cut-Offs

Part No.	Mfr. No.	Product	Max. Pressure	Description	Trade for Field Installation	Trade for Packaged LGB, 80, 88 & 94		
						Packaged Adder	In Lieu of Standard Equipment	
							Water	Steam
511-114-530	PS-852-M-24	Probe Type LWCO Manual Reset	150 P.S.I.	For use on EGH CSD-1 water boilers	\$ 298	N.A.	N.A.	N.A.
511-114-517	PS-802-M-24		150 P.S.I.	For use on EGH CSD-1 steam boilers	\$ 287	N.A.	N.A.	N.A.
511-114-529	PS-851-120-M		15 P.S.I. (Steam) 160 P.S.I. (Water)	Manual Reset with Test Lamp	\$ 299	\$ 135	\$ 126	\$ 24
511-724-282	45-500	Probe LWCO Man Reset & Test Button	15 P.S.I. (Steam) 160 P.S.I. (Water)	Complies with CSD-1, 24V For use on EGH boilers	\$ 279	N.A.	N.A.	N.A.
511-100-003	45-1101	Probe Type LWCO	50 P.S.I.	LWCO, 24V Probe LWCO without Molex plug	\$ 121	N.A.	N.A.	N.A.
511-100-004	45-1102		50 P.S.I.	LWCO, 24V Probe LWCO with Molex plug	\$ 121	N.A.	N.A.	N.A.
511-114-516	PS-802-24		15 P.S.I.	If feeder required, use 24V McDonnell&Miller #WF2-U-24. For use on EG & EGH steam boilers.	\$ 231	N.A.	N.A.	N.A.
511-114-515	45-400		15 P.S.I.	If feeder is required, use Hydrolevel 24V Model VXT-24. For use on EG & EGH steam boilers.	\$ 243	N.A.	N.A.	N.A.
511-724-281	45-550		15 P.S.I. (Steam) 160 P.S.I. (Water)	Complies with CSD-1 (120VAC) Manual Reset with Test Button & Indirect Light	\$ 279	\$ 183	\$ 159	\$ 54
511-115-016	750P-MT-120		160 P.S.I. (Water)	Standard on Packaged LGB, 80, 88 & 94 Water Boilers	\$ 259	\$ 135	N.A.	\$ (16)
511-114-528	PS-851-120		160 P.S.I. (Water)	Standard on Packaged LGB, 80, 88 & 94 Water Boilers	\$ 259	\$ 135	N.A.	\$ (16)
511-114-474	61		Float Type LWCO	20 P.S.I.	Standard For LGB steam boilers and Packaged 80, 88, & 94 Steam Boilers. Not for Water Boilers.	\$ 301	\$ 194	N.A.
511-114-475	63	50 P.S.I.		For 1 Inch Pipe Connection	\$ 387	\$ 183	\$ 264	\$ 162
511-114-479	63M	50 P.S.I.		With manual reset	\$ 373	\$ 183	\$ 254	\$ 149
511-114-473	64	50 P.S.I.		For 1 Inch Pipe Connection	\$ 384	\$ 183	\$ 260	N.A.
511-114-494	67W-1	15 P.S.I.		For use on EG & EGH steam boilers	\$ 291	N.A.	N.A.	N.A.
511-114-495	67W-2-120			For use on SGO boilers	\$ 291	N.A.	N.A.	N.A.
511-114-510	247-2	15 P.S.I.		For use on CE steam boilers	\$ 485	N.A.	N.A.	N.A.
511-114-532	150S-M	150 P.S.I.		For 88 Water that requires float with manual reset	\$ 585	\$ 149	\$ 319	N.A.
511-114-520	51-2	Comb. LWCO & Feeder	35 P.S.I.	Capacity depends on pressure difference between water supply & boiler. For use with 88/94 boilers up to sizes 1588 & 1594. Note: Model 51-2M (511-100-001) has manual reset.	\$ 884	\$ 166	\$ 762	\$ 660
511-100-001	51-2M		35 P.S.I.		\$ 884	\$ 166	\$ 762	\$ 660
511-114-521	51-S-2		35 P.S.I.		\$ 1,004	\$ 166	\$ 883	\$ 780
511-100-002	53-2		75 P.S.I.		\$ 1,011	\$ 166	\$ 889	\$ 784
511-114-531	42-A	LWCO & Pump Control	50 P.S.I.	For use on EGH CSD-1 steam boilers	\$ 740	N.A.	N.A.	N.A.
511-114-477	93		150 P.S.I.	2 Switches, 2 Level Operation	\$ 930	\$ 166	\$ 810	\$ 707
511-114-526	150S-MD		150 P.S.I.	Not recommended for 94 steam boilers	\$ 585	\$ 166	\$ 465	\$ 361
511-114-527	157S-MD		150 P.S.I.	Not recommended for 94 steam boilers. Includes cast iron water column.	\$ 789	\$ 166	\$ 668	\$ 565
511-114-506	193		150 P.S.I.	Includes cast-iron water column	\$ 1,052	\$ 166	\$ 927	\$ 827
511-114-615	TC-4		Test-N-Check Valves	150 P.S.I.	Set of 2 Valves	\$ 358	\$ 166	N.A.

Temperature / Pressure Controls

Temperature / Pressure Controls				Trade for Field Installation	Packaged Adder for Comm. Boilers
Part No.	Mfr. No.	Product	Description		
510-312-041	L4006E1000	Water High Temperature Limit Control	130° – 270°F Range, SPST, Manual Reset, ½" N.P.T. Well, 3" Insert Length	\$120	\$75
510-312-085	L6006A1004		100° – 240°F Range, SPDT, Auto Recycle, ½" N.P.T., 3" Insert Length, Reverse Acting, with Alarm Function or Low Limit Circulator Control	\$176	\$75
510-311-026	L4006E1117		100° – 240°F Range, SPST, Manual Reset with well, ¾" N.P.T.	\$121	\$75
510-312-090	90000CEL		Combination Operating Limit and Manual Reset High Limit	\$181	\$73
510-312-043	L4006A1017	Water Temperature Control	High Limit Temp. Control, Firing Rate Operating Control, Tankless Heater Operating Control, 100°-240°F Range, 5°-30°F Adj. Diff., SPST, Auto Recycle, ½" N.P.T. Well, 3" Insert Length	\$100	\$75
510-312-091	99000C		Combination Control (from above) with Low - High - Low Control	\$278	\$69
510-312-206	T991A1061	Water Temperature Modulating Control	Water Temp. Modulation Firing Rate Controller. Proportional, 135 Ohm Potentiometer, 160°-260°F, 3°-30°F Adj. Diff. Requires 592-300-020 (112622AA) well.	\$222	\$164
510-312-092	99000E		Combination Control (from above) with 135 Ohm Full Modulation Control	\$393	\$149
510-300-007	T991F1009	Water Temp Control (Indoor-Outdoor Reset)	Indoor-Outdoor Reset Control with adjustable reset ratio, 11°F Throttling Range, 10 ft. Indoor Capillary, 30 ft. Outdoor Capillary. For use with Full Modulation Systems Only.	\$491	N.A.
510-300-008	34886A	Shield	Heat shield for capillary bulb for use with 510-300-007 (T991F1009) Water Temp Control	\$62	N.A.
592-300-020	112622	Well	Well for capillary tube required for 510-300-007 (T991F1009) & 510-312-206 (T991A1061) Water Temp. Controls, ½" N.P.T.	\$39	N.A.
510-312-062	L404C1162	Water Pressure Control	Water Pressure High Limit Control, 10–150 PSIG Range, SPST, Manual Reset, ¼" N.P.T.	\$230	\$150
511-624-621	1050-1	Indoor-Outdoor Operating Control	10°F Fixed Diff., Adjustable Reset Ratio, SPST, 15 ft. Indoor Capillary, 30 ft. Outdoor Capillary. (Use with On/Off or Low/High/Off Systems Only.)	\$307	N.A.
511-624-622	T475A1008		6° – 20°F Adjustable Diff., 1:1 Reset Ratio, SPST, 10 ft. Indoor Capillary, 30 ft. Outdoor Capillary. (For On/Off or Low/High/Off Systems Only.)	\$327	N.A.
511-624-617	T675A1003	Outdoor Air Temperature Control	0 – 100° F. Range, 3° – 10°F Adjustable Differential, SPDT, 5 ft. Capillary	\$112	N.A.
510-312-060	L4079B-1033	Steam Pressure Control	Steam Pressure High Limit Control, 2–15 PSIG Range, SPST, Manual Reset, ¼" N.P.T.	\$196	\$137
510-312-135	PA404A1009		Steam Pressure High Limit Control, Firing Rate Operating Control, 0.5-9.0 PSIG Range, 1-5 PSIG Adj. Add. Diff., SPDT, Mercury Switch, Auto Recycle, ¼" N.P.T.	\$106	\$50
510-312-059	L404A1354		Steam Pressure High Limit Control, Firing Rate Operating Control, 2-15 PSIG Range, 1-6 PSIG Adj. Sub. Diff., SPST, Auto Recycle, ¼" N.P.T.	\$179	\$50
510-312-037	L604A1169	Steam Pressure Control (w/ Alarm Contacts)	Steam Pressure High Limit Control, Firing Rate Operating Control, 2-15 PSIG Range, 1-6 PSIG Adj. Sub. Diff., SPST, Alarm Contacts, Auto Recycle, ¼" N.P.T.	\$179	\$50
510-712-121	L91B1035	Steam Pressure Modulating Control	Steam Pressure Modulating Firing Rate control, Proportional, 135 OHM Potentiometer, 0-15 PSIG, 1-12 PSIG Adj. Diff., ¼" N.P.T.	\$343	\$50
510-312-065	L4081A1189	High And Low Limit Control	Dual Limit Control 110 ° - 220 ° and 130°- 240° Range	\$89	N.A.

Optional / Additional Components

Part No.	Mfr. No.	Product	Description	Trade for Field Installation	Pkg'd Adder for Comm. Boilers
510-241-760	5000R	Water Temp. Gauge	50° – 300°F, 5" Dial, 4" Stem	\$185	\$85
510-241-755	3000R	Stack Temp. Gauge	Flue Gas Temp. Gauge, 200°-1,000°F, 3 ¹ / ₈ " Dial, 9" Stem	\$120	N.A.
510-218-087	1010A	Steam Pressure Gauge	Steam Pressure Gauge, 30" Hg. x 30 PSIG, 6" Dial, 1/4" N.P.T.	\$398	\$312
510-218-128	1010A		Steam Pressure Gauge, 30" Hg. x 30 PSIG, 8 ¹ / ₂ " Dial, 1/4" N.P.T.	\$577	\$651
510-218-147	83K	Gas Pressure Gauge	Gas Pressure Gauge, 0-35" W.C., 2 ¹ / ₂ " Dial, 1/4" N.P.T.	\$102	\$26
511-624-550	C6097A1012	Gas Pressure Switch	Low Gas Pressure Switch w/ Bracket, 3-21" W.C., Manual Reset, 1/4" N.P.T.	\$115	\$92
511-624-555	C6097B1028		High Gas Pressure Switch w/ Bracket, 3-21" W.C., Manual Reset, 1/4" N.P.T.	\$115	\$92
510-300-012	DC01170006	Spill Switch	Barometric, SPST, Normally Closed, Opens at 180°F, Manual Reset	\$70	N.A.
382-200-420	Fill-Trol #109	Expansion Tank Package	For use with GV 3-5: Diaphragm-type expansion tank, fill & check valve, automatic air vent & fittings	\$155	N.A.
382-200-425	Fill-Trol #110		For use with GV-6: Diaphragm-type expansion tank, fill & check valve, automatic air vent & fittings	\$167	N.A.
381-354-522	Fill-Trol #109		For use with CG2.5-5: Diaphragm-type expansion tank, fill & check valve, automatic air vent & fittings	\$153	N.A.
381-354-521	Fill-Trol #110		For use with CG6-8: Diaphragm-type expansion tank, fill & check valve, automatic air vent & fittings	\$165	N.A.
510-632-086	Fill-Trol #109		For use with AHE, PER, CER, CE: Diaphragm expansion tank, fill & check valve, automatic air vent & fittings	\$141	N.A.
510-632-090	Extrol #15	Expansion Tank	Diaphragm-type expansion tank	\$73	N.A.
510-632-095	Extrol #30		Diaphragm-type expansion tank	\$75	N.A.
511-405-115	B&G 100	Circulator	Only available when purchased with a packaged boiler without a circulator.	\$402	N.A.
511-546-923	N.A.	Relief Valve	50 P.S.I. Optional for GV, CG, EG, PFG & WGO	\$20	N.A.
510-241-775	81C30	Water Thermometer	9" Mercury Column, 30° – 300°F, Adjustable Angle, 2 ¹ / ₂ " Stem, 2 ¹ / ₂ " Ext. Neck	\$262	N.A.
510-350-350	1227	Manometer	Manometer, Dual Range, U-Tube, Air Flow Differentials	\$89	N.A.
511-802-620	9214	Transformer	Transformer, 120/6 Volt: Must be ordered with 511-802-621	\$47	N.A.
511-802-621	504	Alarm Bell	Alarm Bell, 6 Volt, Remote mounting; used with 511-802-620	\$59	N.A.
590-216-405	GF-65	Pilot Filter	Pilot Filter; Install In Pilot Line of Atmospheric Gas Boiler, 1/8" N.P.T.	\$20	\$4
510-300-003	L4006E-1125	Aquastat	100° – 200°F Range, Manual Reset, SPST, requires well 510-300-010 3 inch insertion	\$115	N.A.
510-350-435	S7800	Display	Display module for Honeywell 7800 Series Flame Safeguards	\$779	N.A.
510-300-004	L4006A-2148	Aquastat	100° – 200°F Range, 5-30°F Adjustable differential, SPST, requires well 510-300-010 3 inch insertion	\$106	N.A.
510-300-010	121371A/U	Limit Well	1/2" NPT well for 510-300-003 and 510-300-004	\$23	N.A.
386-500-050	N.A.	Close Clearance Kit	Manual reset temperature switch for use on GOLD Oil boilers	\$49	N.A.
510-350-435	S7800A1142	Module Display	For Honeywell S7800AL42 Controls	\$779	N.A.
381-356-575	N.A.	Muffler	Cgi Z-Vent Exhaust Muffler Kit	\$273	N.A.
381-356-576	N.A.	Muffler	Cgi Fas-N-Seal Exhaust Muffler Kit	\$440	N.A.

Water Treatment

Part No.	Description	Trade	Typical # of Gallons of System Water Treated
592-900-002	Sentinel X100 Inhibitor Concentrate (275 ml. Tube)	\$28	25
592-900-025	Sentinel X100 Inhibitor (1 Gallon)	\$120	100
592-900-016	Sentinel X100 Inhibitor (5 Gallons)	\$550	500
592-900-017	Sentinel X100 Inhibitor (55 Gallons)	\$5,500	5,500
592-900-007	Sentinel X200 Noise Reducer Concentrate (275 ml. Tube)	\$35	25
592-900-026	Sentinel X200 Noise Reducer (1 Gallon)	\$80	100
592-900-018	Sentinel X200 Noise Reducer (5 Gallons)	\$370	500
592-900-027	Sentinel X300 New System Cleaner (1 Gallon)	\$110	100
592-900-020	Sentinel X300 New System Cleaner (5 Gallons)	\$490	500
592-900-021	Sentinel X300 New System Cleaner (55 Gallons)	\$5,000	5,500
592-900-003	Sentinel X400 System Restorer Concentrate (275 ml. Tube)	\$30	25
592-900-028	Sentinel X400 System Restorer (1 Gallon)	\$110	100
592-900-022	Sentinel X400 System Restorer (5 Gallons)	\$490	500
592-900-023	Sentinel X400 System Restorer (55 Gallons)	\$5,100	5,500
592-900-029	Sentinel X500 Aluminum Safe Antifreeze (1 Gallon)	\$54	Based upon desired level of protection 20-50%
592-900-006	Sentinel X500 Aluminum Safe Antifreeze (5 Gallons)	\$207	
592-900-024	Sentinel X500 Aluminum Safe Antifreeze (55 Gallons)	\$1,700	

Point of Sales Display Box

Part No.	Description	Trade
592-900-012	Sentinel X100 Inhibitor (Box of 12 Concentrate Tubes)	\$342
592-900-013	Sentinel X200 Noise Reducer (Box of 12 Concentrate Tubes)	\$342
592-900-014	Sentinel X400 System Restorer (Box of 12 Concentrate Tubes)	\$352



Test Kit

Part No.	Description	Trade
592-900-005	Sentinel X100 Inhibitor Quick Test Kit	\$5

Concentrate Injection Kit

Part No.	Description	Trade
383-600-082	Water Treatment Injection Kit (for Concentrate Tube)	\$5



System Flushing Equipment

Part No.	Description	Trade
592-900-030	JetFlush Survey Kit	\$370
592-900-031	JetFlush 40 (capable to flush 25 radiators, 2 to 3 story building max)	\$3,200
592-900-032	JetFlush 90 (capable to flush 40 radiators, 3 story building max)	\$3,600

Jetflush 40

Standard Equipment:
Hoses, handle, wheels
.45HP 110v electric motor
10.3 gallon tank
37.5 lbs., approx.15"x17"x27"



Jetflush 90

Standard Equipment:
Hoses, handle, wheels
.75HP 110v electric motor
15 gallon tank
50 lbs., approx.15"x23"x35"

Sentinel X100 Inhibitor

A general purpose treatment for total protection against scale, corrosion and bacteria growth.

Sentinel X200 Noise Reducer

Eliminates limescale, boiler noise including "kettling," and restores boiler efficiency. Safe for use in all types of hydronic heating systems.

Sentinel X300 Inhibitor

Flushes out corrosive flux residues and installation debris, for systems up to 6 months old.

Sentinel X400

System Restorer - a quick and easy way to eliminate sludge, noisy pumps and restore circulation to partially blocked systems.

Sentinel X500

Inhibited Antifreeze - all the benefits of X100, plus freeze protection.

TECHNICAL NOTES

C.S.A. Input — Firing rate in BTU/hr. for atmospheric gas boilers based on C.S.A. certification test procedures.

I=B=R Input — Firing rate in gallons per hour of oil or BTU/hr. of gas in accordance with Hydronics Institute test procedures.

DOE Heating Capacity — Heat output of the boiler based on standard test procedures prescribed by the U. S. Department of Energy.

C.S.A. Gross Output — Heat output of the boiler based on tests conducted at the C.S.A. Laboratory. Applies to atmospheric gas boilers

I=B=R Gross Output — Heat output of the boiler based on tests conducted in accordance with Hydronics Institute procedures. Applies

Net I=B=R Ratings — The DOE heating capacity, C.S.A. gross output, or I=B=R gross output **less** deductions for piping and pickup.

Certified Ratings — Ratings when boiler is fired with special burners and/or under conditions other than stipulated by I=B=R code

SELECTING THE BOILER

Boilers should be selected based on the Net I=B=R rating when piping and pickup factors are considered normal. Net I=B=R ratings are shown in BTU/hr. for water & steam and in square feet of steam.

To select residential boilers for gravity hot water systems, floor panel systems, hot water or steam systems with larger than normal piping and pickup factors, and replacement boilers on hot water or steam systems with old style radiation and large piping, the old I=B=R piping and pickup factors should be used. These older I=B=R factors will be approximated if the boiler size is increased about 15 percent. Weil-McLain shall have no liability for the selection of the appropriate boiler for the ultimate user.

ASME CONSTRUCTION

All Weil-McLain boiler sections meet the requirements of the ASME Boiler & Pressure Vessel Code, Section IV, Heating Boilers.

DOMESTIC HOT WATER LOAD

Weil-McLain boilers may be equipped to provide domestic hot water by using an indirect-fired water heater or tankless heater. The volume of domestic water produced depends upon the capacity of the heater and the firing rate of the boiler.

For Weil-McLain indirect-fired water heaters, use Weil-McLain indirect-fired water heater selection information for proper sizing.

For tankless water heaters used in small and medium sized residences, where the demand for hot water is normal, an additional allowance is generally not required for domestic water heating in selecting the boiler. Domestic water heater sizes and capacities are listed for each boiler, and directions are given for figuring additional allowance in larger homes with more than two bathrooms.

Weil-McLain Ratings for Tankless Heaters: Tankless heater ratings are determined from a series of tests in the respective boiler and based upon an intermittent draw schedule which allows a specific recovery period after each interval of a draw. The heater ratings in gallons per minute are expressed in average temperature rise of 100°F. and apply only to specific tankless heaters when used in specified boilers.

FUELS

Oil Firing: Weil-McLain boilers for oil firing are available for oil and for combination gas/oil. Oil fired ratings are based on boilers being fired at firing rates listed, burning oil with a heat content of 140,000 BTU's per gallon. (150,000 BTU's per gallon of heavy oil.)

Gas Firing: Weil-McLain boilers for gas firing are available for atmospheric gas, power gas and combination gas/oil. Net ratings of these boilers when fired with gas are the same as those shown for oil, providing the draft conditions on the installation are comparable to those used for oil firing.

RADIATION

Baseboard Ratings: All Weil-McLain baseboards have approved I=B=R ratings expressed in BTU's as shown in sales literature.

ELEVATIONS ABOVE 2,000 FEET

All ratings are based on elevations up to 2,000 feet. For atmospheric gas boilers at elevations above 2,000 feet, ratings should be reduced at the rate of 4 percent for each 1,000 feet above sea level. For oil or power gas heating units above 2,000 feet elevation, do not arbitrarily increase the boiler size; a larger burner may be required at additional cost.

50 CYCLE OPERATION

For heating units with burners operating on 50 cycle rather than 60 cycle current, the rating should be reduced 20 percent, or the published rating can be used and a larger burner may be required. Consult your Weil-McLain representative for specific information.



Now America's #1 name in cast iron boilers offers homeowners an optional, extended 5 or 10 year warranty that covers parts and labor on Weil-McLain boilers and indirect-fired water heaters.

What is the Plan?

An exclusive Weil-McLain program that provides coverage for labor and/or defective parts furnished by Weil-McLain for up to 10 full years from date of installation.

What does the Plan cover?

The plan may be used to cover any Weil-McLain boiler up to 600 MBH input or any indirect-fired water heater that is:

- o Less than one (1) year old
- o Used in a residential application

How the Plan works:

1. Installers need to sign up with the Plan administrator to participate
(Call toll-free 1-800-824-5090 to sign up).
2. Use the Plan to sell boilers & water heaters.
3. Install the product(s) and sign up the homeowner (within one year of installation).
4. Purchase the Plan contract.
5. Repair the covered product if a problem occurs
6. Submit your claim for parts and labor.
7. Receive your check...it's that easy!

NOTES

Lined writing area with multiple horizontal lines for notes.

Residential Gas Boilers



EG
Water or Steam
Natural Gas,
NATL or LP
MBH: 75-200
Avg. Efficiency: 97%

GV90+
Water
Sealed Combustion
or Direct Vent
NATL or LP
MBH: 75-175
Avg. Efficiency: 97%

WM97+
Water
Sealed Combustion
Wall Mount Only
NATL or LP
MBH: 75 & 110
Avg. Efficiency: 97%

ULTRA GAS
Water
Sealed Combustion
NATL or LP
MBH: 85-288
Avg. Efficiency: 95%

CGI
Water with
Tankless Heater
Indirect Draft
NATL or LP
MBH: 122
Efficiency: 97%

CGa
Water
Natural Draft
NATL or LP
MBH: 55-210
Avg. Efficiency: 95%

Residential Oil Boilers



300
Steam with Tankless
Heater Option
MBH: 114-282
Avg. Efficiency: 94%

ULTRA OIL
Water, Chimney and Direct Vent
MBH: 95-172
Avg. Efficiency: 96%

WGO
Water without
Tankless Heater
MBH: 85-210
Avg. Efficiency: 93%

WTGO
Water with
Tankless Heater
MBH: 115-210
Avg. Efficiency: 93%

Accessories



System Controls and
Zone Controllers

Finned-Tube and
Cast Iron Baseboard

MAX-FLO
Indirect-Fire Heat Exchangers
Forced Air Heat Exchangers

Indirect-Fired Water Heaters



High Capacity
Coil Design

AQUA Plus
3 Tank Sizes
30-100

Redefining Heating

WEIL-McLAIN
www.weil-mclain.com

Commercial Boilers



Ultra 556 & 700
Water
MBH: 100-750
Combustion: ER, 92-93%

EGR
Gas
Water or Steam
MBH: 240-330
Combustion: ER, 92%

PFG
Gas
Water
MBH: 244-427
Combustion: ER, 92%

88
Gas, Oil & Gas/Oil
Water or Steam
MBH: 500-2,000
Combustion: ER, 92-93%

LGB
Gas
Water or Steam
MBH: 400-2,500
Combustion: ER, 92%

94
Gas, Oil & Gas/Oil
Water or Steam
MBH: 2,540-8,500
Combustion: ER, 94%

80
Gas, Oil & Gas/Oil
Water or Steam
MBH: 345-3,014
Combustion: ER, 92%

Contact your local Weil-McLain Sales Office for more information

New England
100 Medway Road
Suite 303
Milton, MA 01757
T 978.478.6000
F 978.478.6099

Tri-State
200 River Front Blvd.
Elmwood Park, NJ 07407
T 201.787.8000
F 201.797.8552

Mid-Atlantic
17000 Commerce Parkway
Suite B
Mount Laurel, NJ 08054
T 856.866.7400
F 856.866.8628

Mideast
Penn Center West #2
Suite 305
Pittsburgh, PA 15270
T 412.788.9345
F 412.788.0177

Central and Western
999 McClintock Drive
Suite 200
Burr Ridge, Illinois 60527
T 800-854-5482
F 630-248-2777