

BOILER MODEL	INPUT MBH	D.O.E. HEATING CAPACITY	Net I=B=R WATER RATINGS MBH	DOE SEASONAL A.F.U.E. %	VENT DIAMETER INCHES	SHP WGT	PART NUMBER
ECO-70	70	65	57	95.2	2"/3"	117	383-800-000
ECO-110	110	101	88	95.0	2"/3"	117	383-800-001
ECO-155	155	143	124	95.1	3	130	383-800-002

Standard Equipment

BOILER
 Stainless Steel Heat Exchanger
 30 PSI ASME Relief Valve
 Drain Valve
 Stainless Steel Burner
 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
 Sentinel X100 Inhibitor and Test Kit

ADDITIONAL BOILER EQUIPMENT

ECO BOILER KITS	PART NUMBER
Composite Circulator UPS15-58RU 3 Speed, 115 Volt	111-GRF-001
1/2" Sweat Fitting for RU Circulator with Check Valve	111-GRF-002
3/4" Sweat Fitting for RU Circulator with Check Valve	111-GRF-003
Concentric Vent Kit PVC 2"	383-700-167
Concentric Vent Kit PVC 3"	383-500-350
L.W.C.O. Kit. 24 Volt Quick Connect	511-100-005
Condensate Neutralizer Kit	383-500-631
Sidewall Vent/Term. PVC	383-500-397
Sidewall Vent/Term. AL294C	382-200-430
Maintenance Kit ECO 70/110	383-700-165
Maintenance Kit ECO 155	383-700-200
ECO Boiler Stand Kit	383-800-101
Additional Extended Warranty: -31st Day to 5th Year Labor -2nd Year to 5th Year Parts. Contact Customer Service for Details or Visit www.weil-mclain.ca	111-WAR-000

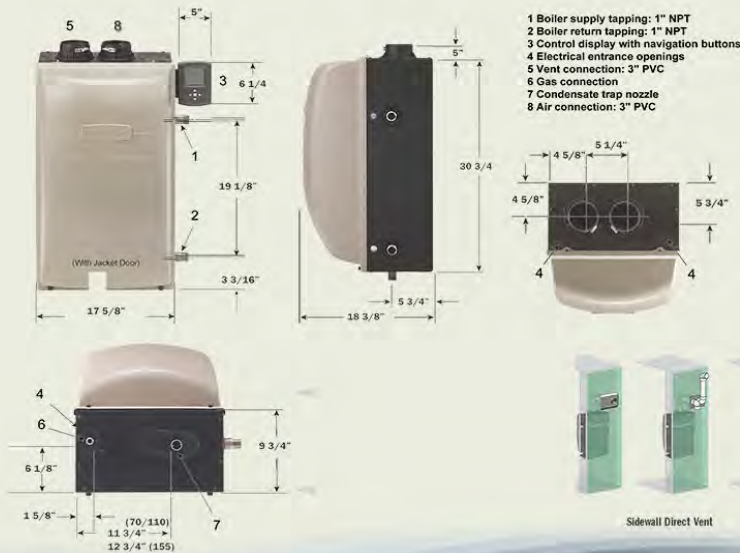


CONTROL MODULE

3.5" LCD Display
 Central Heat Circulator Control
 DHW Circulator Control w/ Priority
 Ignition Control
 High Limit & Modulating Temp. Control
 Outdoor Reset
 Freeze Protection
 Circulator Exercising

COMPLETE JACKET ASSEMBLY WITH

Fully Removable Jacket Front Door
 Mounting Bracket
 Condensate Trap
 Propane Conversion Orifice



In the interest of continual improvements in product and performance, Weil-McLain reserves the right to change specifications without notice.

GV90+

HIGH EFFICIENCY GAS BOILER



BOILER NUMBER (1)	C.S.A. INPUT B.T.U./HR	DOE HEATING CAPACITY B.T.U./HR	DOE A.F.U.E. %	VENT SIZE	MINIMUM BOILER LOOP PIPE SIZE	SHP WGT	PART NUMBER
GV90+ - 3	70,000	65,000	91.9%	3"	1"	313	382-200-610
GV90+ - 4	105,000	97,000	91.2%	3"	1"	353	382-200-611
GV90+ - 5	140,000	130,000	91.4%	3"	1 1/4"	423	382-200-612
GV90+ - 6	175,000	161,000	91.0%	3"	1 1/4"	464	382-200-613

(1) For elevations between 2,000 and 4,500 ft. above sea level, rating should be reduced by 10%.

Boilers may be vented with 3" Stainless Steel or 3" ULCS636 PVC Pipe

Meets Energy Star Guidelines

ADDITIONAL BOILER EQUIPMENT

DESCRIPTION	PART NUMBER
Vent Termination Kit. 3-Inch S.S. AL294C	382-200-430
PVC Concentric Vent Kit - 3 inch	383-500-350
Vent Termination Kit PVC	383-500-397
Adapter - 3 inch AL294C Z-Vent	560-907-723
Condensate Neutralizer Kit	383-500-631
Zone Interface Harness	381-356-585
Outdoor Reset Kit	381-356-586

Standard Equipment

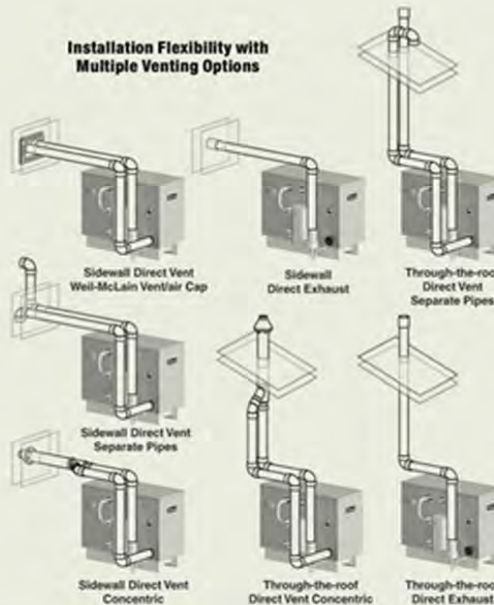
- Factory Tested
- Insulated Extended Steel Jacket
- Cast Iron Sections With Built-In Air Separator
- Stainless Steel Secondary Heat Exchanger With Air Separator
- Steel Base
- Control Module With Indicator Lights
- Blower Assembly with Observation Port
- Gas/Air Manifold Assembly
- Gas/Air Orifice Plate for Natural Gas (separate plate furnished for conversion to propane)
- 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 & Second 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 a zone circulator in multiple boiler systems.

**Includes Inside and Outside Plates, Vent Cap and Hardware.



Installation Flexibility with Multiple Venting Options



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FOR OTHER ADDITIONAL BOILER EQUIPMENT AND CONTROLS - SEE SECTION 5

REFER TO TERMS & CONDITIONS FORM ON PAGE 7-1

ALL TAXES EXTRA

Effective: July 2nd, 2014

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