

Ultra

Series 3 CT
WALL MOUNT WATER BOILER



BOILER NUMBER	C.S.A. MAX INPUT B.T.U./HR	C.S.A. MIN INPUT B.T.U./HR	DOE HEATING CAP B.T.U./HR	DOE A.F.U.E. %	VENT SIZE	MINIMUM BOILER LOOP PIPE SIZE	SHP WGT	PART NUMBER
(1) 80 CT	80,000	16,000	71,000	93.5%	2"/3"	1"	199	383-500-720
105 CT	105,000	21,000	94,000	94.0%	2"/3"	1"	207	383-500-722
155 CT	155,000	31,000	139,000	94.0%	3"	1 1/4"	234	383-500-723
230 CT	230,000	46,000	207,000	94.1%	3"/4"	1 1/4"	246	383-500-724
299 CT	299,000	62,000	270,000	92.5%	4"	1 1/2"	297	383-500-725
(2) 310 CT	310,000	62,000	289,000*	92.5%	4"	1 1/2"	297	383-500-727
(2) 399 CT	399,000	80,000	365,000 *	91.7%	4"	1 1/2"	297	383-500-726

(1) Ultra 80 propane boiler must be ordered as 383-500-721.

(2) Ultra 310 & 399 ratings are gross output and combustion efficiency

Meets Energy Star Guidelines

DESCRIPTION	PART NUMBER
Ultra Cleaning Tool	591-706-200
Maintenance Kit Ultra 80-105	383-500-605
Maintenance Kit: 155-310	383-500-620
L.W.C.O 24 Volt Kit	511-100-005
Wall Mount Kit (All Sizes)	389-900-180
Easy-Up Manifold 1- 1/4"	383-500-649
Easy-Up Manifold 1- 1/2"	383-500-661
Antifreeze Inhibitor Only - 500 ml CHP	999-999-500
PVC Concentric Vent Kit (4" only)	111-AQU-029
PVC Concentric Vent Kit (3" only)	383-500-350
Ultra Neutralizer Kit (525 MBH)	383-500-631
Inhibitor Sentinel X-100 Tube	592-900-002
Antifreeze, Aluminum Safe Sentinel X-500 4L	592-900-004
Cleaner, Sentinel X-400 Tube	592-900-003
Test Kit Inhibitor	592-900-005

Standard Equipment

Limited 12 Year Heat Exchanger Warranty
Ultra Homeowner Protection Plan :
-5 Years Parts & Labor Ultra 80-399 (Residential)
Cast Aluminum Block
30 PSI ASME Relief Valve
Drain Valve
Stainless Steel Woven Steel Fiber Mesh Burner
Natural Gas Field Convertible to Propane
Condensate Drain Trap with Drain Tee Assembly
Inhibitor
Gas/Air Ratio Venure with Air Silencer
Full Modulation Firing with 5:1 Turndown Ratio
Outlet Water Temperature Sensor
Flue Gas Temperature Sensor
Outdoor Air Temperature Sensor
System Water Temperature Sensors
Combination Pressure-Temperature Gauge
Adjustable Boiler Legs
Vent/Air Termination Plate
Vent Termination Bird Screen
On/Off Power Switch
Line Voltage Service Receptacle

Control Module

3.5" LCD Display
Multiple Boiler Functionality with Alarm Control
High Limit & Modulating Temp Control
Low Water Protection
Outdoor Reset
Three Boiler Priorities with Multiple Pre-Sets
Three Pump Control Capability

Boiler Circulator

007 TACO with 1" Flanges (80, 105)
0014 TACO with 1" and 1 1/4" Flanges (155, 230)
0014 TACO with 1 1/4" and 1 1/2" Flanges (299, 310)
0013 TACO with 1 1/4" and 1 1/2" Flanges (399)



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

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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