

WEIL-McLAIN

**ULTRA
PLUS**

Indirect-fired
water heaters

an ISO 9001 Certified Company

Ultra
PLUS

Indirect-Fired Water Heaters



- More domestic hot water when you need it.
- High efficiency — for low operating cost.
- Weil-McLain quality and sales support.
- Less maintenance.
- Fast, easy installation.

The perfect match for an *Ultra* Boiler



Ratings

Ultra PLUS with Ultra Boiler

Boiler	Water heater	1st Hour rating GPH		Boiler-to-heater piping		Rec. Taco circulator
		115°F	140°F	GPM	Rec. size	
Ultra-80	Ultra PLUS-40	160	124	6.6	1"	007
	Ultra PLUS-60	168	132			
	Ultra PLUS-80	176	140			
Ultra-105	Ultra PLUS-40	203	141	6.4	1"	007
	Ultra PLUS-60	211	162			
	Ultra PLUS-80	219	170			
Ultra-155	Ultra PLUS-40	238	153	8.7	1"	0010
	Ultra PLUS-60	294	190	9.6	1½"	0010
	Ultra PLUS-80	302	230	10.8	1½"	0012
Ultra-230	Ultra PLUS-40	248	160	12.0	1½"	0012
	Ultra PLUS-60	330	196			
	Ultra PLUS-80	411	305			
Ultra-310	Ultra PLUS-40	254	164	15.0	1½"	0012
	Ultra PLUS-60	351	208	18.6	1½"	0011
	Ultra PLUS-80	579	373	22.0	1½"	0013

Ultra PLUS with other boilers

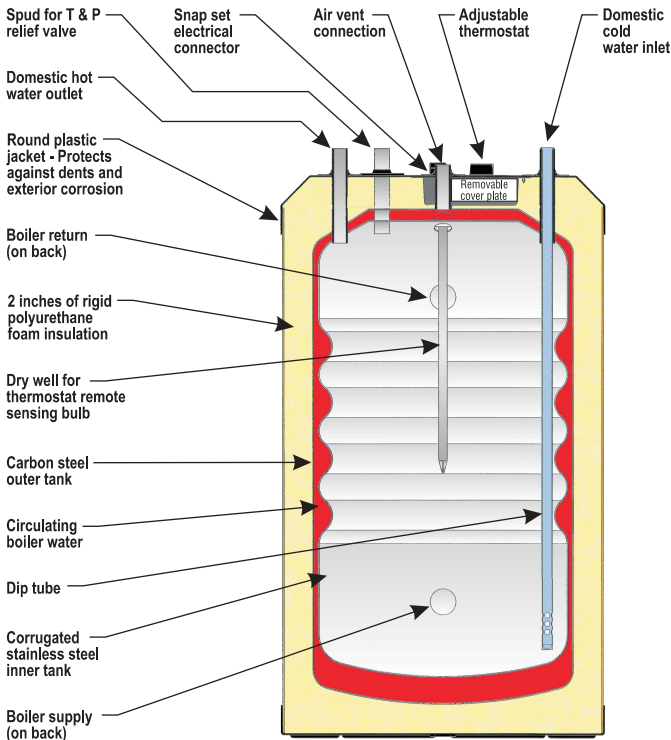
Boiler heating capacity (MBH)	Water heater model First hour ratings — GPH					
	Ultra PLUS-40		Ultra PLUS-60		Ultra PLUS-80	
	115°F	140°F	115°F	140°F	115°F	140°F
50	125	95	135	100	145	115
70	160	120	170	130	180	140
90	200	150	210	160	220	170
110	235	170	245	185	255	195
130	260	170	280	210	290	220
150	260	170	320	220	330	250
170	260	170	355	220	365	275
190	260	170	365	220	400	300
210	260	170	365	220	440	330
250	260	170	365	220	510	380
300	260	170	365	220	600	410
350	260	170	365	220	670	410
400	260	170	365	220	670	410
450	260	170	365	220	670	410
500	260	170	365	220	670	410
Circulator - GPM	9		13		20	

NOTES:

1. First hour rating is the maximum gallons of hot water available in one hour. This is the most common rating used to size water heaters.
2. First hour ratings are based on:
 - 115°F or 140°F domestic outlet and 50°F domestic inlet water temperatures.
 - 190°F boiler water supply temperature to the water heater for Ultra boilers (200°F for other boilers).

- Boilers other than Ultra — use circulator that will supply the flow rate shown in right table.
- Ultra Boilers — use circulator shown (or equivalent) for combined space heating/DHW application; use circulator supplied with boiler for dedicated DHW.
- 3. If the net BTU/hr rating of the boiler is close to the space heating load — or if there is an unusually large demand for domestic water — increased boiler capacity and/or domestic priority may be required.

Features



All water heaters furnished with ¾" NPT brass tee, drain valve and automatic air vent.

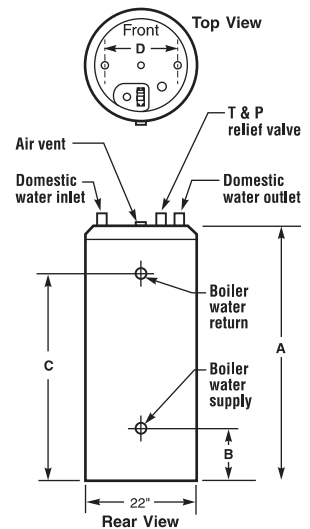
Specifications

Water heater model number	Capacities		Heating surface Square feet	Head loss boiler side Feet	Approx. shipping weight Pounds
	Domestic water Gallons	Boiler water Gallons			
Ultra PLUS-40	36	6	16	1	155
Ultra PLUS-60	46	8	20	1¼	180
Ultra PLUS-80	56	8	24	1½	200

Dimensions

ALL DIMENSIONS IN INCHES

Heater Model	Ultra PLUS-40	Ultra PLUS-60	Ultra PLUS-80
Dimensions (inches)			
A	46	57	66½
B	9	9	9
C	38	49	58
D	14¼	14¼	14¼
Piping connections (N.P.T.)			
Domestic water inlet/outlet	¾	¾	¾
Boiler water supply/return	1	1¼	1¼



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



Locate our Sales Offices by visiting our website:

www.weil-mclain.com

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