

XP High Efficiency Condensing Circulating Water Heaters

XWH Models - Pump Supplied

Model Number	Const.	Btu/hr Input	Vent Size	Load %TL	Ship Wgt.	List Price w/Std Pump	List Price w/ Upsize Pump	List Price w/ No Pump
XWH-201	STD	201,000	3"	0.54	181	\$9,027	\$9,777	\$8,802
XWH-285	ASME	285,000	4"	0.57	236	\$13,083	\$13,833	\$12,683

Factory start-up not included or required. All models ship natural gas standard. LP conversion kit supplied.

The standard factory supplied pump is sized for 50 equivalent feet of piping between the boiler and the storage tank.

For applications where the storage tank will be installed at a distance that exceeds the capabilities of the factory supplied pump, order less pump, and contact your local A. O. Smith Sales Representative for assistance in sizing a custom pump to be field installed that meets your specific application. Add one week to standard lead times for any model without pump Available Pumps: 201-285 -Standard is 1/6HP, 115V Upsize - 3/4HP, 115V.

This product is considered specialty and does NOT qualify for the commercial program.

Standard Equipment - Factory Installed	Standard Equipment - In The Box
Adjustable High Limit w/Manual Reset	Pump Flanges
Alarm Contacts	Sensor Kit
ASME T & P Relief Valve - 150 PSI	Sidewall Vent Kit
5 Year Limited Warranty	Pipe Fittings

OPTIONAL EQUIPMENT		
Description	Kit Part Number	List Price
Concentric vent Kit 3"	100274637	165
Concentric vent Kit 4"	100274638	444
Room air kit 201	100274661	72
Room Air Kit 285	100274662	161
BACnet (MSTP) Field Kit 201-285*	100280223	254
Modbus Field Kit *	100280225	314

* Factory Installed

Description	Part Number	List Price
Stack Frame XWH 285	100163409	1170
Stack Frame XWH 201	100163364	568

SPECIALTY COMMERCIAL GAS

XP^{PLUS} High Efficiency Condensing Circulating Water Heaters

PWH Models

Model Number	Const.	Btu/hr Input	Vent Size	Load %TL	Ship Wgt.	List Price w/Std Pump	List Price w/ Upsize Pump	List Price w/ No Pump
PWH-0400NP	ASME	399,000	4"	1.19	326	18,337	N/A	17,937
PWH-0500NP	ASME	500,000	4"	1.19	333	21,028	21,528	20,628
PWH-0650NP	ASME	650,000	6"	1.19	424	29,454	29,954	28,754
PWH-0800NP	ASME	800,000	6"	1.19	433	36,834	38,334	36,134
PWH-1000NP	ASME	999,000	6"	1.19	494	44,234	45,734	43,534
PWH-1250NP	ASME	1,250,000	6" or 8"	8.50	1519	\$52,036	\$53,436	\$51,036
PWH-1500NP	ASME	1,500,000	6" or 8"	8.50	1672	56,354	\$57,754	\$55,354
PWH-2000NP	ASME	1,999,000	8"	8.50	1931	67,863	\$69,263	\$66,863
PWH-3000NP	ASME	3,000,000	10"	20	3147	99,451	N/A	98,051
PWH-4000NP	ASME	4,000,000	12"	20	3694	141,570	Consult Factory	140,170

Authorized start-up service included - required to activate warranty (U.S Only).

All models ship natural gas. Optional propane kit sold separately.

Note: All bronze pump (shipped loose). Pump provided based on 45 Feet of piping, 4 90° elbows and 2 fully-ported ball valves.

This product is considered specialty and does NOT qualify for the commercial program.

SPECIALTY COMMERCIAL GAS

Available Pumps:	Standard	Up Sized
PWH 0400	1/2 HP, 115V	1/2 HP, 115V
PWH 0500-0650	1/2 HP, 115V	3/4 HP, 115V
PWH 0800-1000	3/4 HP, 115V	3/4 HP, 115V (DIFF. PUMP)
PWH-1250NP	1 HP, 115V	2 HP, 115V
PWH-1500NP	1 HP, 115V	3 HP, 115V
PWH-2000NP	2 HP, 208V	3 HP, 208V
PWH-3000NP	5 HP, 208V	N/A
PWH-4000NP	5 HP, 408V	Call Factory

STANDARD EQUIPMENT (FACTORY INSTALLED)
Adjustable High Limit w/Manual Reset
Alarm Contacts
ASME T & P Relief Valve - 150 PSI
Recirculation pump relay
Pump relay w Freeze protection
Contacts on any failure
Inlet & Outlet temperature sensors
5 Year Limited Warranty

STANDARD EQUIPMENT (IN THE BOX)
All bronze circulating pump (shipped loose)
Pump Flanges - in the box
CPVC Vent Piece
Gas cock
Flow Switch
Sensor Kit

OPTIONAL EQUIPMENT		
Description	Kit Part Number	List Price
Alarm Bell	100301864	\$106
LP kit for PWH-1250 & 1500	100307295	42
LP kit for PWH-2000	100307294	42
LP kit for PWH-3000	100307293	42
LP kit for PWH-4000	100307292	42
Indoor to Outdoor Kit PWH 0400-1000	100330250	532
Outdoor Conversion Kit for PWH-1250	100307291	656
Outdoor Conversion Kit for PWH-1500	100307290	664
Outdoor Conversion Kit for PWH-2000	100307289	698
Outdoor Conversion Kit for PWH-3000	100307288	832
Outdoor Conversion Kit for PWH-4000	100307287	1,064
BACnet (MSTP) Field Kit	100301865	254
Modbus Field Kit	100301866	254
PVC Adapter Kit 8"	100313222	356
PVC Adapter Kit 10"	100314853	700
Contact Kit	100316001	176
Condensate Neutralization Kit PWH-0400 - 0800	100289340	133
Condensate Neutralization Kit PWH-1000 - 2000	100112383	282
Condensate Neutralization Kit PWH-3000 & 4000	100112384	482
Low water cut off Kit	100341693	292