

A. O. Smith

Residential Gas Water Heaters

ProMax® SL POWER DIRECT-VENT

PROMAX® SL POWER DIRECT-VENT FEATURES

POWER DIRECT-VENT DESIGN

ProMax SL Power Direct Vent residential gas models are equipped with FVIR technology to meet Phase III of the ANSI Z21.10.1 standards for the resistance to flammable vapor ignition and resistance to lint, dust and oil accumulation tests.

The Closed-combustion two-pipe system draws combustion air from outside and vents outside the home. The system uses PVC, CPVC or ABS pipe and vents up to 45 feet with 3" pipe, including one elbow.

SIDE-MOUNTED RECIRCULATING TAPS

For installation with combination space heating/potable water heating applications (such as the ProMax XL Heat Exchanger) or any system requiring a recirculating hot water loop.

INTELLI-VENT® GAS CONTROL

Equipped with silicon nitride hot surface igniter and advanced electronics for precise control of water temperature and simplified system diagnostics.

HEAT TRAP NIPPLES

Standard on all models.

QUIET MODULAR BLOWER

With 110/120 Volt electrical system (rating 3 amps or less), with 6-foot cord, standard 3-prong male connector.

A. O. SMITH DYNACLEAN™ DIFFUSER DIP TUBE

Reduces lime and sediment buildup, maximizes hot water output. Made from long-lasting PEX cross-link polymer.

GREEN CHOICE™ GAS BURNER

Patented "Eco-Friendly" design reduces NOx emissions by up to 33%, complies with Southern California and Texas requirements.

MAGNESIUM ANODE RODS

Provides long-lasting protection against tank corrosion.

DURABLE TAMPER-RESISTANT BRASS DRAIN VALVE

A. O. SMITH PERMAGLAS® GLASS COATING

Protects steel tank from rust.

FACTORY-INSTALLED TEMPERATURE & PRESSURE (T&P) RELIEF VALVE

CODE COMPLIANCE: U.B.C., S.B.C.C., C.A.B.O., H.U.D., B.O.C.A. NATIONAL CODES, ASHRAE/IES 90.1-1999 AND 2004 NAECA

DESIGN-CERTIFIED BY CSA INTERNATIONAL

According to ANS Z21.10.1 standards governing storage-type water heater.

6-YEAR LIMITED TANK AND PARTS WARRANTY

For complete information, consult written warranty or A. O. Smith Water Products Company.

* Intelli-Vent® is a registered trademark of the Emerson Electric Company

A.O. Smith Water Heaters

www.hotwater.com

Revised August 2007R



ARGSS00407

ProMax[®] SL POWER DIRECT-VENT

MODEL NUMBER	FIRST HOUR RATING GALLONS	ENERGY FACTOR	GALLON CAPACITY	BTU INPUT PER HOUR NATURAL	BTU OUTPUT PER HOUR NATURAL	RECOVERY 90°F RISE GALLONS PER HOUR	R VALUE	DIMENSIONS IN INCHES								APPROX. SHIPPING WEIGHT (LBS.)
								A	B	C	D	E	F	G	H	
GPD-40L	70	.60	40	40,000 †	30,000 †	41	16	57	48-1/2	21	15	8	42	17	42	224
GPD-50L	105	.58	50	65,000 †	47,500 †	64	16	69-1/2	61	21	15	8	54-1/2	17	54-1/2	232
GPD-75L	130	.58	75	70,000 †	53,200 †	72	16	71-1/2	61-1/2	26-1/4	15-1/2	8	54-1/2	17	54-1/2	352

GPD-50L is supplied with 5' of 3" ABS vent pipe and must be used for the first 5' of the exhaust outlet vent system.

GPD-75L is supplied with 5' of 3" CPVC vent pipe and must be used for the first 5' of the exhaust outlet vent system.

Recovery capacity based on actual performance tests.

Water Connections – 3/4" Male on all models.

† Propane Gas – 40-Gallon: 36,000 BTU input, 27,360 BTU output.

50-Gallon: 60,000 BTU input, 43,800 BTU output.

75-Gallon: 65,000 BTU input, 49,400 BTU output.

IMPORTANT: VENTING AND COMBUSTION AIR REQUIREMENTS

Read and follow requirements shown in the Installation Manual for ProMax[®] Power Direct-Vent Gas water heaters dealing with type, placement and length of vent pipe and vent termination, as well as clearances required to provide adequate combustion and proper ventilation.

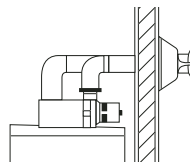
OPTIONAL CIRCULATING LOOP CONNECTION ASSEMBLIES

Sold separately. Kit Number 900152-2 includes two extended PEX lined nipples for side port connections. Kit Number 900260-4 is same as 900152-2, plus two di-electric unions and 2 brass isolation valves. For use with systems that have a check valve in the air handler or recirculating lines.

IMPORTANT: SEE INSTALLATION MANUAL FOR COMBUSTION AIR AND VENTING SYSTEM REQUIREMENTS FOR POWER DIRECT-VENT WATER HEATERS

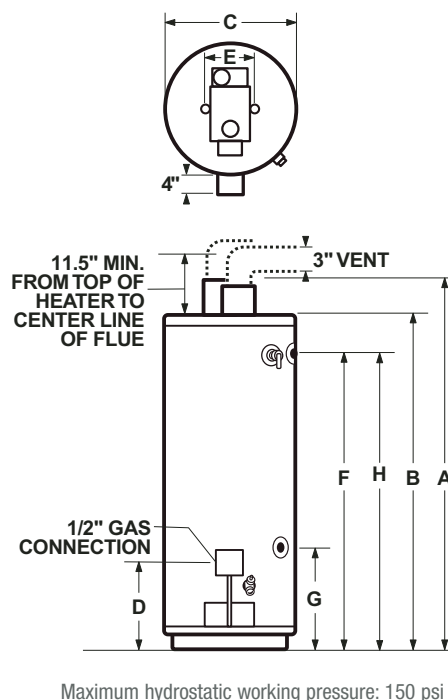
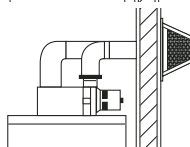
OPTIONAL (DELUXE) ROUND HORIZONTAL VENT TERMINATION KIT

Part Number 9002749



OPTIONAL (DELUXE) SQUARE HORIZONTAL VENT TERMINATION KIT

Part Number 9003328



A.O. Smith Water Heaters

500 Tennessee Waltz Parkway, Ashland City, TN 37015
www.hotwater.com