

ProMax® SL POWER DIRECT-VENT

PROMAX® SL POWER DIRECT-VENT FEATURES

SIDE-MOUNTED RECIRCULATING TAPS

For installation with combination space heating/potable water heating applications (with air handlers) or any system requiring a recirculating hot water loop.

POWER DIRECT-VENT DESIGN

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

NEW INTELLI-VENT GAS CONTROL

Equipped with nearly indestructible silicon nitride hot surface igniter, and advanced electronics for more precise control of water temperature and easy to understand system diagnostics.

6-YEAR LIMITED TANK AND PARTS WARRANTY

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

QUIET MODULAR BLOWER

With 110/120 Volt electrical system (rating 3 amps or less), with 7-foot cord, standard 3-prong male connector.

ENERGY-SAVING HOT SURFACE IGNITION

A.O. SMITH DYNACLEAN™ DIFFUSER DIP TUBE

Helps reduce 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.

DUAL ANODE RODS

For 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

THICK CFC-FREE FOAM INSULATION

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

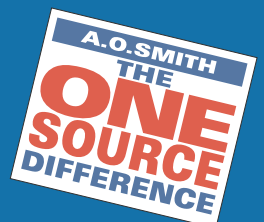
DESIGN-CERTIFIED BY CSA INTERNATIONAL

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



A.O. Smith Water Heaters

www.hotwater.com



ProMax[®] SL POWER DIRECT-VENT

MODEL NUMBER	FIRST HOUR RATING GALLONS	ENERGY FACTOR	GAL. CAP.	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	
GPDH-40L	73	.59	40	40,000 †	30,400 †	41	16	57	48-1/2	21	15	8	42	17	42	224
GPDT-50L	80	.58	50	65,000 †	47,450 †	64	16	69-1/2	61	21	15	8	54-1/2	17	54-1/2	232
GPDX-75L	123	.53	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

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.

OPTIONAL CIRCULATING LOOP CONNECTION ASSEMBLIES

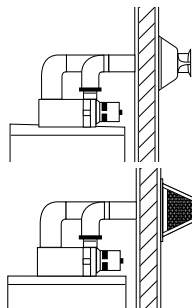
Sold separately. Kit Number 900152-2 includes two extended PEX lined nipples for side port connections. Kit Number 900260-4 is same as 900152-2, plus two di-electric unions and 2 brass isolation valves. For use with systems that have a check valve in the air handler or recirculating lines.

IMPORTANT:

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

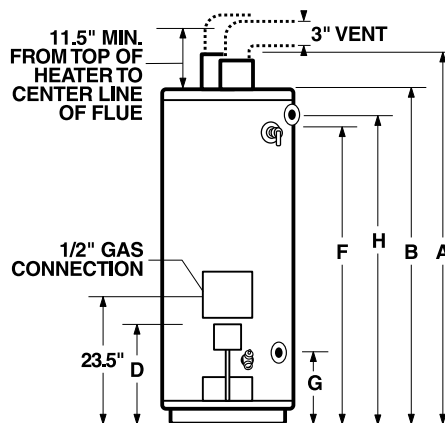
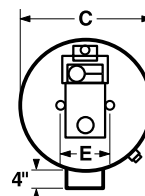
OPTIONAL (DELUXE) ROUND HORIZONTAL VENT TERMINATION KIT

Part Number 9002749



OPTIONAL (DELUXE) SQUARE HORIZONTAL VENT TERMINATION KIT

Part Number 9003329



Maximum hydrostatic working pressure: 150 psi

A.O. SMITH
WATER PRODUCTS
COMPANY

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For Technical Information and Automated Fax Service, call 800-527-1953.
A.O. Smith Corporation reserves the right to make product changes or improvements without prior notice.