

ProMax® SL POWER DIRECT VENT

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 vents up to 45 feet (using one 90° elbow) with 3" PVC, CPVC, or ABS pipe. Canadian installations require ULC S636 listed PVC or CPVC pipe for venting.

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 circulating 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.

DYNACLEAN™ DIFFUSER DIP TUBE

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

GREEN CHOICE® GAS BURNER

- Patented "Eco-Friendly" design reduces NOx emissions by up to 33% and complies with requirements of less than 40 ng/j for low NOx.

MAGNESIUM ANODE RODS

- Provides long-lasting protection against tank corrosion.

DURABLE TAMPER-RESISTANT BRASS DRAIN VALVE

PERMAGLAS® GLASS COATING

CSA CERTIFIED AND ASME RATED T&P RELIEF

CODE COMPLIANCE

- UBC, SBCC, CABO, HUD, BOCA National codes, Current edition of ASHRAE/IESNA 90.1 and 2004 NAECA

DESIGN-CERTIFIED BY CSA INTERNATIONAL

- According to ANSI Z21.10.1 - CSA 4.1 Standards governing storage-type water heater.

6-YEAR LIMITED TANK AND PARTS WARRANTY

- For complete information, consult written warranty.

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





Residential Gas Water Heaters

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.

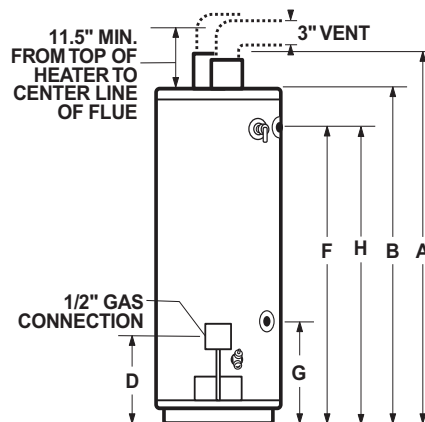
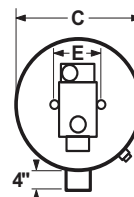
IMPORTANT: VENTING AND COMBUSTION AIR REQUIREMENTS

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

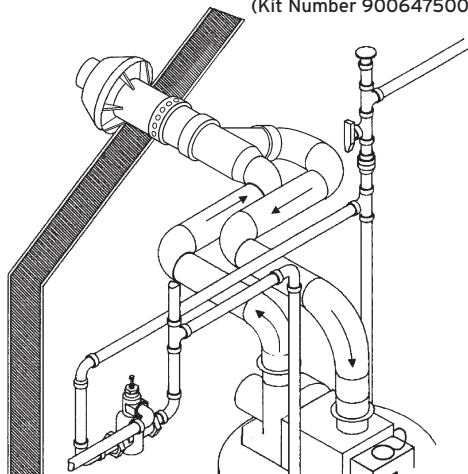
Sold separately. Kit Number 9001522 includes two extended PEX lined nipples for side port connections. Kit Number 9002604 is same as 9001522, plus two di-electric unions and 2 brass isolation valves. For use with systems that have a check valve in the air handler or recirculating lines.

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

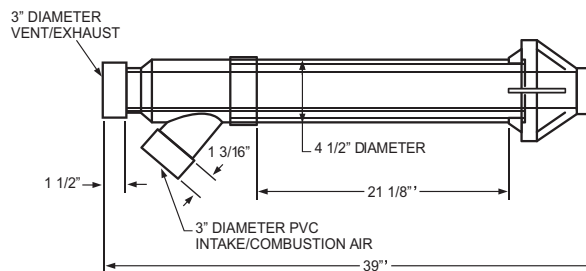


Maximum hydrostatic working pressure: 150 psi

OPTIONAL 3" PVC HORIZONTAL VENT KIT
(Kit Number 9006475005)



INSTALL IN ACCORDANCE WITH LOCAL CODES.



OPTIONAL CONCENTRIC VENT KIT

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.