

SELECT® SL HOT SURFACE IGNITION POWER VENT RESIDENTIAL GAS WATER HEATERS



Side-Mounted Taps Designed for Potable Recirculating Systems

- Suitable for potable water heating and space heating

Hydronic Installations

- Power vent water heaters are designed for use with hydronic air handlers, radiant floor heating or other applications requiring a recirculating hot water loop

Power Vent Design

- No chimney required, vents through outside wall or roof
- Quiet modular blower for power venting up to 115' with 3" pipe and one elbow, vents up to 155' with 4" piping and one elbow

FVIR Compliant Design

- The 40 and 50-gallon models feature patented FVIR Compliant design and meet ANSI Z21.10.1-4.1 CSA standards for flammable vapor ignition resistance

*Intelli-Vent™ Gas Control

- Equipped with the energy-saving hot surface ignitor, and advanced electronics for more precise control of water temperature and easy-to-understand system diagnostics

110/120 Volt Electrical System

- Rating 3 amps or less, with 6-foot cord, standard 3-prong male connector

Dual Magnesium Anode Rods

- For extra protection against corrosion (models with 3/4" inlet and outlet)

Drain Valve

- Durable, Temper-Brass Drain Valve

UL Listed

Maximum Hydrostatic Working Pressure 150 PSI

CSA Certified and ASME Rated T&P Relief Valve, Factory-Installed

Green Choice® "Eco-Friendly" Gas Burner

- Patented design reduces NOx emissions by up to 33% compared to standard burners

Longer Lasting PEXAN™ Cold Water Tubes

- Cold water dip tubes are made from Everlast PEXAN™ a cross-linked PEX polymer that can withstand long-term exposure to water temperatures up to 400°F

6-Year Limited Tank and Parts Warranty



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

Code Compliance - All models meet the Federal Energy Efficiency Standards effective January 20, 2004, according to the National Appliance Energy Conservation Act (NAECA) of 1992 and the thermal efficiency and standby loss requirements of the U.S. Department of Energy and current edition of ASHRAE/IESNA 90.1. Also complies with the current editions of the B.O.C.A. National Codes, C.E.C., U.B.C., S.B.C.C., C.A.B.O. and the H.U.D. standards.



For more information on Select® SL contact:

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Ashland City, TN 37015
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SELECT® SL - HOT SURFACE IGNITION POWER VENT RESIDENTIAL GAS WATER HEATERS

MODEL NUMBER	GALLON CAPACITY	ENERGY FACTOR (EF)	BTU INPUT PER HOUR NATURAL	RECOVERY EFFICIENCY	BTU OUTPUT PER HOUR NATURAL	90°F RECOVERY RISE (GPH)	DIMENSIONS IN INCHES								APPROX. SHIPPING WEIGHT (LBS)
							A	B	C	D	E	F	G	H	
GS6 40 YRVIT L	38	.65	50,000	78%	39,000	51	63	55	20 1/2	13	8	49	14 1/2	49	170
GS6 50 YRVIT L	48	.65	50,000	79%	39,500	54	65	56 1/4	22	13	8	50 1/4	14 1/2	50 1/4	190
GS6 50 YRVIT L5	50	.65	62,500	79%	49,400	64	65	56 1/4	20	13	8	50 1/4	14 1/2	54	190
GS6 75 YRVIT L	74	N/A	80,000	80%	64,000	77	66	63	25 1/2	15	16	50 1/4	15 1/2	50 1/4	250

Recoveries are based on natural gas BTU rate and are rounded to nearest gallon
 All models have standard 2" foam except GS6 75 YRVIT L (this model has 1 1/2" foam)
 When ordering propane, change "Y" to "H" in the model number (Example: GS6 40 HRVIT L)
 Propane rate is 55,000 BTUH - Output is 43,500

Venting System Requirements

The Power Vent is designed to use Schedule 40 ABS, PVC or CPVC pipe installed with 0" clearance from combustible materials. This permits many venting options when the following requirements are observed. Venting requirements include:

- The water heater must have an independent vent system from the water heater to the exterior of the building
- Venting CANNOT be connected to existing vent piping or chimney.
- Venting MUST terminate horizontally through a side wall or vertically through the roof to the outdoors.
- USE ONLY ABS, PCV, or CPVC Schedule 40 pipe and fittings.

MODEL NUMBER	BTU INPUT	MAXIMUM VENT DISTANCE (Total Equivalent Feet)		
		2" PIPE	3" PIPE	4" PIPE
GS6 40 YRVIT L	50,000	40'	120'	160'
GS6 50 YRVIT L	50,000	40'	120'	160'
GS6 50 YRVIT L5	62,500	N/A	80'	120'
GS6 75 YRVIT L	80,000	N/A	30'	100'

40 and 50-gallon models are supplied with 2", 22-1/2" Termination Elbow, plus 2", 3" and 4" screens.
 74-gallon model is supplied with 3", 90° Termination Elbow, plus 3" screen.
 2" and 3" elbows are equal to 5' of vent pipe. 4" elbows are equal to 8' of vent pipe.
 Important: Read and follow requirements shown in the product manual for select Power-Vent gas clearances required to provide adequate combustion and proper ventilation.

Optional Circulating Loop Fittings Package, Part No. 9002604005

Circulating Loop Fittings Package includes assembled di-electric unions and full port shut-off valves. A standard hose-connect drain valve is included for field installation. Specially designed for use on side tap recirculating water heaters. Kit must be ordered through Service Parts Department by calling 1-800-821-8017.

Domestic Plumbing Connections

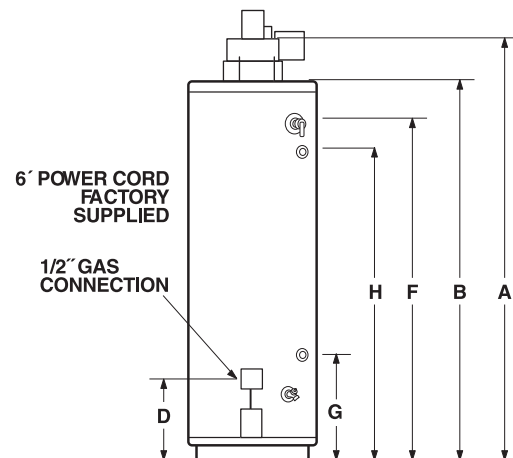
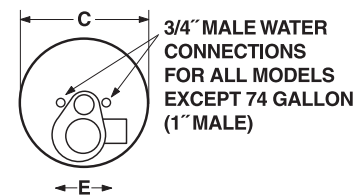
- 40 and 50-gallon - 3/4" Male, NPT
- 75-gallon - 1" Male, NPT

Electrical Requirements

- 120 Volt - Maximum AMP draw is 2 AMPS or less.

For complete information on limited warranties, consult written warranty or contact technical support at 1-800-365-0024.

State Industries, Inc., reserves the right to make product changes or improvements without prior notice.



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