



TJERNLUND

*New Improved
Design -
Easier to Install*

VP-2F & VP-3F

Side Wall Gas Water Heater Vent Systems



*Your best choice
for electric-to-gas
conversions,
renovations, new
construction and
deteriorated
chimneys*



Minimum Installation Costs, Maximum Safety and Performance

Special Advantages:

- Vents any brand or type of millivolt gas water heater. (Use GPAK or HS Series for 24/115 VAC controls.)
- Outlasts most water heaters in hard water areas.
- Locate heater anywhere up to 75 equivalent feet from outside wall.
- No electrician needed for installation.
- Use in tandem with high efficiency, direct vent furnaces.

Exceptional Features:

- Quiet operation.
- Factory-wired for fast, safe installation.
- Safety controls shut off heater if vent system fails.
- Post-purge timer keeps Power Venter operating after burner cycle to purge system of residual gases.
- Kit includes everything for complete installation (except vent pipe).

VP-2F & VP-3F Side Wall Gas Water Heater Vent Systems



*Designed by the
Innovators of
Induced Draft Venting*

Basic Installation Steps

1. Install Side Wall Vent Hood at desired location.

2. Mount Power Venter using anti-vibration bracket. Connect Power Venter to vent hood and to water heater draft hood with standard vent pipe.



3. Attach Gas Pressure Switch to heater casing and connect to pressure tap on the heater gas valve. Attach Linear Limit Safety to draft hood and Thermocouple Junction Adapter. Route 2-wire control cable from Power Venter to Gas Pressure Switch. Plug power cord into 115 volt outlet.

Sequence of Operation

1. Water heater thermostat calls for heat.

2. Power Venter activates and burner fires simultaneously.

3. Burner shuts down when thermostat is satisfied.

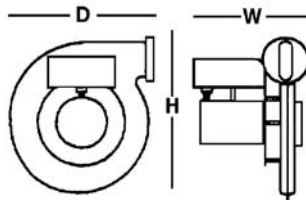
4. Power Venter continues operation for a non-adjustable time period of approximately 45 seconds.

5. If sustained flue gas spillage is detected by Linear Limit Safety, Thermocouple circuit is opened and gas valve is de-energized. Linear Limit must be reset and Pilot must be relit to re-establish burner operation.

Power Venter Specifications

Dimensions

Model	VP-2F	VP-3F
Height (H)	10 1/2"	7 7/8"
Width (W)	7 1/2"	10 1/4"
Depth (D)	10"	7"
Inlet/Outlet	3"	4"



Electrical

Motor	VP-2F	VP-3F
Volts	115	115
HZ	60	60
RPM	3,000	3,000
Watts	50	95
Amps	1	1.26

Safety Interlock Controls

Linear Limit

Opens at 185° F., manual reset

Gas Pressure Switch

Max. operating pressure: 1/2 PSI

Operating pressure: 2" ± .20" W.C.

Contact rating: 5 Amp resistant at 120 VAC

Application Table

Model	Burner Capacity	Maximum Venting Length	Vent Diameter
VP-2F	Up to 60,000 BTU/hr.	75 equivalent feet	3"
VP-3F	60,000 to 120,000 BTU/hr.	75 equivalent feet	4"

Available From:



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