

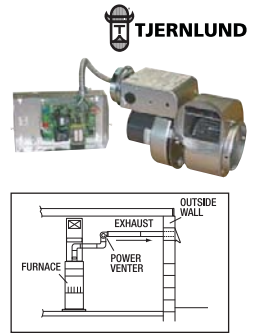
1-800-GRAINGER (472-4643)

High-Temperature Sidewall Power Venters

115V. Mechanically vent Category 1 heaters through a wall, eliminating the need for a traditional chimney. Include UC1 heater interlock control and fan proving switch. Interlock with any 24/120VAC burner circuit. Feature adjustable pre/post purge, LED status indicators, and fault code memory. Vent hood 4C845 is recommended for power venters 4KA72 and 4KA73.

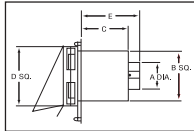
Ideal for sidewall vent furnaces, boilers, water heaters, pool heaters, and unit heaters. Use for electric to gas conversions, heating equipment upgrades, new construction, and replacing chimneys.

Vent Pipe Dia. (in.)	BTU/Hr. Input (000's)	Max. Pipe Length at Stack Temp. 300°F 400°F 500°F	Amps	H (in.)	W (in.)	D (in.)	Inlet and Outlet Dia. (in.)	Mfr. Model	Item No.
4	25-100	100 100 100	1.26	7 7/8 in	10 1/4 in	7 in	4	HSJ	4KA72
4	150-200	100 87 57 35	1.26	7 7/8 in	11 in	7 in	4	HS1	4KA73
6	250-400	100 100 100	1.51	9 1/4 in	11 1/2 in	8 1/2 in	6	HS2	4KA74
8	350-450	100 100 100	2.60	12 1/2 in	13 in	12 in	8	HS3	4KA75



High-Temperature Vent Hoods

Designed to efficiently terminate horizontal vent runs handling flue gases from furnaces, unit heaters, and boilers. Made of 18-ga. corrosion-resistant aluminum alloy. 4C845 has built-in heat shield which provides clearance from combustible material contained in walls. Can be used with sidewall power venters, this page.



A. Dia. (in.)	B. Sq. (in.)	C (in.)	D. Sq. (in.)	E (in.)	Mfr. Model	Item No.
3 in	6 1/4 in	8 1/4 in	10 in	10 in	VH1-3	14U196
4 in	7 1/2 in	7 1/2 in	9 in	8 1/2 in	VH1-4	4C845
6 in	8 1/2 in	7 1/2 in	12 in	9 1/2 in	VH1-6	6KXZ2
8 in	16 in	7 3/4 in	18 3/8 in	20 in	VH1-8	6KXZ3
10 in	16 in	7 3/4 in	18 3/8 in	20 in	VH1-10	6KXZ4

Water Heater Vent Packages

Used to vent millivolt gas water heaters up to 75 ft. away from a sidewall. Upgrade water heaters from electric to gas in renovations or new construction where no chimney exists. Wired with 25-ft. control cable. Linear limit spill switch connects to thermo-couple junction adapter to lock out heater if draft is insufficient. Inlet and outlet are 3" on 5C083, 4" on 2FRU6. Post-purge timer keeps unit operating at end of burner cycle. Gas diaphragm switch with aluminum tube connection turns unit on and off with gas flow to water heater. Heavy-duty vent hood and 6-ft. power cord. CSA Certified.



Description	Mfr. Model	Item No.
Compatible w/Gas Water Heater from 60,000 to 120,000 Btu; 115V, 1.26-Amp Motor	VP-3F	2FRU6
Compatible w/Gas Water Heaters Up to 60,000 Btu; 115V, 1-Amp Motor	VP-2F	5C083

Rooftop Inducers

- Powder-coated clamshell housing allows easy installation, inspection, and service
- Stainless steel blower wheel

Ideal solution for inaccessible and short-length vent connectors and chimneys, and for noise-sensitive locations. Optional rooftop stand supports weight of the inducer for metal chimney installations. Rooftop mounting maintains negative pressure throughout the entire vent system. ETL Listed to UL 378, UL 705, and CAN/CSA B255-M81.

Gas/Oil Applications, 5PWD8 and 5PWD9—Use to exhaust clothes dryer vents and exhaust chases serving multiple floors/sources. Pair with Controller 35UP43 for demand-based automatic speed control (sold separately on Grainger.com®). Also rated for use with non-condensing oil and gas heating equipment when installed with either 4KA76 (sold separately on Grainger.com®) or Interlock Controls 5PWE2 (sold separately, this page).

Solid Fuel Applications, Nos. 5PWE0 and 5PWE1—Use to increase fire-place draft to help eliminate fire starting and smoky backup problems. Included mounting kit attaches to both tile-lined and metal flues. Also includes wall-mount speed control.

Inlet and Outlet Dia. (in.)	Voltage	Amps	HP	H (in.)	W (in.)	D (in.)	Mfr. Model	Item No.
8	120	1.2	1/12 hp	18 in	16 in	16 in	RT750	5PWD8
12	120	5.8	1/2 hp	24 in	18 1/2 in	18 1/2 in	RT1500	5PWD9

Solid Fuel Applications, Incl. Wall-Mount Speed Control								
8	120	1.2	1/12 hp	18 in	16 in	16 in	RT750H	5PWE0
12	120	5.8	1/2 hp	24 in	18 1/2 in	18 1/2 in	RT1500H	5PWE1

Accessories								
Universal Control Board, For Use With 5PWD8 and 5PWD9							UCRT	5PWE2
Rooftop Stand, For Use With 5PWD8 and 5PWE0							RTS8	5PWE3
Rooftop Stand, For Use With 5PWD9 and 5PWE1							RTS12	5PWE4



Selection Guide

Item No.	Min. Chimney Inside Dia.*	BTU/Hr. Input, Gas with Draft Hood/Diverter	BTU/Hr. Input, Gas/Oil with Barometric Control	Max. Equivalent** Vent Length (ft.) @ 400°F
5PWD8	8"	400,000-700,000	500,000-900,000	100
		700,000-900,000	900,000-1,200,000	50
	10"	700,000-1,000,000	900,000-1,200,000	100
5PWD9	10"	1,000,000-1,200,000	1,200,000-1,500,000	50
		1,000,000-2,000,000	1,200,000-2,700,000	100
	12"	2,000,000-2,400,000	2,700,000-3,200,000	50
		2,000,000-2,500,000	2,700,000-3,500,000	100
14"	2,500,000-2,700,000	3,500,000-3,700,000	50	

*Select inducer based on the BTU/hr. input of appliance rather than diameter of appliance vent outlet or chimney. **To determine equivalent ft., add the total length of straight vent pipe plus 10 ft. for each 90° elbow and 5 ft. for each 45° elbow.

Item No.	Max. Face Area of Fireplace†
5PWE0	14 sq. ft.
5PWE1	28 sq. ft.

† Determine vertical and horizontal face opening of hearth in sq. ft. (If open on sides or back, total all openings.)



In-Line Centrifugal Fan Duct Booster

- Max. operating air temp.: 200°F; not for use with combustion exhaust
- Motor shaft should remain horizontal to the floor; mount on bottom of horizontal or side of vertical duct

Booster fits in round, square, or flat ducts as shallow as 3 1/4" deep. One 4" x 7" cutout is required. Unit attaches to ductwork with 4 sheet metal screws. May be actuated by 5C968 pressure switch. Steel housing and wheel. 1/70 HP, 1550 rpm, 115V, 60 Hz permanently lubricated motor is positioned out of the air stream. UL Listed.

Note: cfm rating is for 8" dia. pipe. Air flow will decrease slightly with smaller pipe.

CFM @ 0.000" SP	Max. Amps	Mfr. Model	Item No.
275	0.51 A	DB-2	4C724

