

▶ VENTED PRODUCT GUIDE



SURROUND YOURSELF WITH COMFORT



DIRECT-VENT SYSTEMS

DV systems mount along an outside wall and have a vent-within-a-vent system to draw in outdoor air to support combustion and exhaust flue products to the outdoors. The vent cap usually installs on the outside wall of the home.

Because they do not draw your already-heated room air to support combustion, DV systems are among the most efficient of the vented heaters.

DV systems may be installed as the primary heating system.

B-VENT SYSTEMS

B-Vent systems use room air to support combustion and exhaust their flue products to the outdoors via a single pipe. B-Vent heaters can mount anywhere you have access to an existing flue or where you can install a vent run through the roof.

The ability to attach to an existing flue makes a B-Vent system an excellent replacement for an inefficient oil or wood stove.

Though less efficient than other technologies – because they draw the already-heated room air to support combustion – B-Vent systems may be installed as the primary heating system.



HIGH-EFFICIENT DIRECT-VENT *wall furnaces*

Advanced technology makes these heaters more than 80 percent efficient A.F.U.E. The 20,000 Btu DV20E is ideal for heating basements, family rooms or several small rooms. The DV40E and DV55E are perfect for heating large family rooms, offices, apartments or even entire homes. Built-in thermostat included.

DV20E (20,000 Btu)

DV40E (40,000 Btu)

DV55E (55,000 Btu)

DV40E ▲

This guide is intended to present an overview of the broad range of zone heating products we offer. For information about a particular product, talk to your dealer or download the spec sheet at www.empirecomfort.com.

Empire Heating Systems Residential Zone Heaters allow you to turn down the central furnace and heat just the rooms you use most. These systems also save your energy dollars by not suffering the heat-loss common in a long vent run from the central furnace. The heat that's produced in the room gets projected into the room.

Empire offers two varieties of gas-fired, vented heaters, employing two different technologies – Direct-Vent and B-Vent. Nearly all are available in propane and natural gas models. Some Empire heaters provide heat even when electric power fails.

The system you choose will depend on the amount of heat required, the efficiency you desire, the location of the heater, and local codes.



COUNTERFLOW DIRECT-VENT *wall furnaces*

Rated at 76 percent efficient A.F.U.E., our counterflow wall furnaces heat large areas and use minimum floor space. Warm air exits at floor level for more even distribution.

Choose standing pilot or electronic ignition. DVC35 may be recessed between standard wall studs, larger models surface mount. Options vary by model but include side or rear register outlets, automatic blowers, and control options.

DVC35 (35,000 Btu)

DVC55 (55,000 Btu)

DVC35 ▲



DV wall furnaces

Clean and cost-efficient comfort makes the DV210/215 wall furnaces ideal for smaller rooms, such as bedrooms or studies. The compact beige cabinet tucks out of the way on any outside wall. Thermostat not included.

DV210 (10,000 Btu)
 DV215 (15,000 Btu)



Heat larger areas economically with Empire's DV25/35 wall furnace. Delivering ample, room-filling warmth, each furnace is stylishly crafted and fits against an outside wall. Includes thermostat for automatic temperature control.

DV25 (25,000 Btu Natural Gas / 24,000 Btu Propane)
 DV35 (35,000 Btu)



CONSOLE room heaters

Our console heaters feature an open design for maximum heat dispersion and include a draft diverter to eliminate pilot outages.

Choose closed cabinet for heat only or visual-flame (with optional log set or ceramic radiant package) for a fireplace-like experience. Installs easily with standard vent pipe. An optional automatic blower enhances heat circulation (standard on RH50B/65B.)

RH25 (25,000 Btu)
 RH35 (35,000 Btu)
 RH50B, RH50C (50,000 Btu)
 RH65B, RH65C (65,000 Btu)



B-VENT COUNTERFLOW wall furnaces

Counterflow wall furnaces circulate warmth at floor level to provide comfort at a fraction of the cost of electric heat. The front panels remove easily for cleaning and servicing.

Choose standing pilot or electronic ignition. Optional side and rear registers help disperse heat to other areas. Thermostat not included.

FAW40 (40,000 Btu)
 FAW55 (55,000 Btu)





B-VENT GRAVITY *wall furnaces*

Our economical Gravity Vented Furnaces utilize state-of-the-art technology for the highest fuel efficiency. This furnace recesses into a wall or surface mounts with the optional kit. Heat two adjoining rooms with the GWT50W. Thermostat not included. (Note: As of 2016, Gravity Wall furnaces feature an attractive white powder coat.)

GWT25W (25,000 Btu)

GWT35W (35,000 Btu)

GWT50W (50,000 Btu Total; 25,000 Btu/Room)

◀ GWT35W

Heater Type	Btu Input	AFUE Efficiency %	Use as Primary Heat Source	Works Without Electricity
Direct-Vent DV Wall Furnaces	10,000 to 30,000	65-66	•	•
Direct-Vent High-Efficient Wall Furnaces	20,000 to 55,000	80+	•	
Direct-Vent Counterflow Wall Furnaces	35,000 to 55,000	75-76	•	
B-Vent Console Room Heaters	25,000 to 65,000	66-68	•	•
B-Vent Floor Furnace	32,500 to 65,000	57-58	•	•
B-Vent Gravity Wall Furnaces	25,000 to 50,000	65-67	•	•
B-Vent Counterflow Wall Furnaces	40,000 to 55,000	75-76	•	

Also available: *Floor Furnaces (for replacement only).*



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