

# Product Guide

EMPIRE



GWT-35



Surround Yourself with Comfort

*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](http://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 a variety of gas-fired heaters, employing three different technologies – Direct-Vent, B-Vent, and Vent-Free. Nearly all are available in LP and natural gas models.

Unlike a conventional furnace, most 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.

## **Vent-Free Systems**

Vent-Free systems draw room air to support combustion in a clean burning blue-flame or radiant-plaque system. Rated at 99.9 percent efficient, vent-free heaters release nearly all of the available heat energy into the room.

To ensure safe operation, all vent-free systems include an Oxygen Depletion Sensor (ODS) to automatically turn off the heater if room oxygen level drops to an unsafe level.

Vent-free systems are designed to provide supplemental heat and may not be used as a primary heat source.

Check local codes for installation requirements and ask your dealer to recommend a trained installation technician.

## **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.

# Vent-Free Systems

## Vent-Free Systems

Total Comfort for Half the Cost of Electric Heat

- Radiant or Blue Flame Design
- 99.9 Percent Efficient
- Safe Operation with Auto Shut-off Safety Controls
- Manual or Hydraulic Thermostatic Controls
- Matchless Piezo Igniter
- LP or Natural Gas Models
- Mounts on Floor or Wall
- All Models Heat without Electricity
- Optional Manual and Automatic Blowers
- Three-year Limited Warranty on Parts and Labor
- Empire Models Made In America
- HearthRite Models Made in China



BF-30

## Blue Flame Heaters

Think warm tropical breeze! Our blue flame heaters warm the air, which rises to create natural circulation in the room. Ideal for any supplemental heat application.

### BF Blue-Flame Heaters

BF-10 (10,000 Btu)

BF-20 (20,000 Btu)

BF-30 (30,000 Btu)

## Radiant Heat

Think cat on a windowsill! Our radiant heaters project warmth into the room like sunlight through a window. Ideal for warming any cold spot in a room.

### SR Radiant Heaters

(Manual and Thermostat Models)

SR-6 (6,000 Btu)

SR-10 and SR-10T (10,000 Btu)

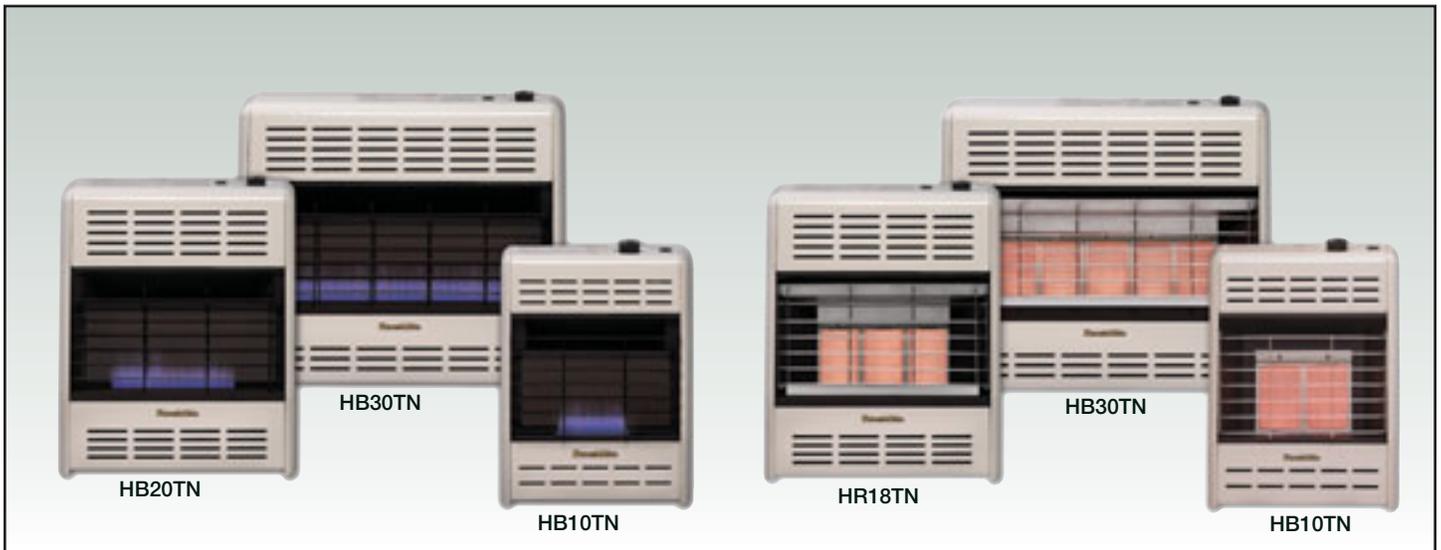
SR-18 and SR-18T (18,000 Btu)

SR-30 and SR-30T (30,000 Btu)



SR-18T

# Vent-Free Systems



HearthRite blue flame models are available in 6,000; 10,000; 20,000; and 30,000 Btu – manual and thermostat.

HearthRite radiant models are available in 6,000; 10,000; 15,000; and 25,000 Btu LP and in 6,000; 10,000; 18,000; and 30,000 Btu Natural Gas Manual and thermostat.

## HearthRite Touch Pad Heaters

- Radiant or Blue Flame Design
- Digital Thermostat Controls
- Programmable, with Child Lock-out Feature
- Cool-to-the-touch Case
- Manual Override to Operate in Power Outages



HB20EL and HB20EN (20,000 Btu)

HB30EL and HB30EN (30,000 Btu)

HR17EL and HR20EN  
(17,000 LP and 20,000 Btu Nat)

HR25EL and HR30EN  
(25,000 LP and 30,000 Btu Nat)



Touch Pad Controls

# Direct-Vent Systems

## Direct-Vent Systems

### MV Heaters

MV-120 (8,400 Btu)

MV-130 (14,000 Btu)

MV-145 (20,000 Btu)

Empire MV direct-vent heaters are slim and compact, complementing any room décor.

Built-in Thermostat, Safety Thermocouple, and Matchless Piezo Igniter.

### DV Wall Furnaces

DV-210 (10,000 Btu)

DV-215 (15,000 Btu)

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.

DV-25 (25,000 Btu)

DV-35 (35,000 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.



MV-120



MV-145



DV-210



DV-35

# Direct-Vent Systems

## High-Efficient Direct-Vent Wall Furnaces

- DV-20E (20,000 Btu)
- DV-40E (40,000 Btu)
- DV-55E (55,000 Btu)

Advanced technology makes these heaters more than 80 percent efficient A.F.U.E. The 20,000 Btu DV-20E is ideal for heating basements, family rooms or several small rooms. The DV-40E and DV-55E are perfect for heating large family rooms, offices, apartments or even entire homes.



DV-40E

## Counterflow Direct-Vent Wall Furnaces

- DVC-35 (35,000 Btu)
- DV-55 (55,000 Btu)

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. DVC-35 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 thermostats.



DVC-35

# B-Vent Systems

## B-Vent Systems

### Console Room Heaters

RH-25 (25,000 Btu)

RH-35 (35,000 Btu)

RH-50B, RH-50C (50,000 Btu)

RH-65B, RH-65C (65,000 Btu)

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 RH-50B/656B.)



RH-50B

### Floor Furnaces

3588 (32,500 Btu)

5088 (45,000 Btu)

7088 (65,000 Btu)

America's most popular floor furnace provides whole-house comfort for a fraction of the cost of electric heat and requires no electricity to operate.



5088

### B-Vent Gravity Wall Furnaces

GWT-25 (25,000 Btu)

GWT-35 (35,000 Btu)

GWT-50 (50,000 Btu Total; 25,000 Btu/Room)

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 GWT-50.

### B-Vent Counterflow Wall Furnaces

FAW-40 (40,000 Btu)

FAW-55 (55,000 Btu)

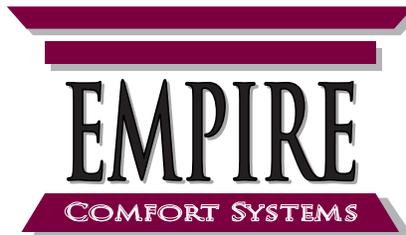
Counterflow wall furnaces circulate warmth at floor level to provide comfort at a fraction of the cost of electric heat. The front panels remove easily for cleaning and servicing.

Choose standing pilot or electronic ignition. Optional side and rear registers help disperse heat to other areas.



FAW-55

Heater Type	Btu Input	AFUE Efficiency %	Use as Primary Heat Source	Works Without Electricity
Vent-Free Blue Flame Heaters	6,000 to 30,000	99.9		•
Vent-Free Radiant Heaters	6,000 to 30,000	99.9		•
Direct-Vent MV Wall Furnaces	8,400 to 20,000	64-69	•	•
Direct-Vent DV Wall Furnaces	10,000 to 30,000	62-68	•	•
Direct-Vent High-Efficient Wall Furnaces	20,000 to 55,000	80+	•	
Direct-Vent Counterflow Wall Furnaces	35,000 to 55,000	76	•	
B-Vent Console Room Heaters	25,000 to 65,000	63-65	•	•
B-Vent Floor Furnace	32,500 to 65,000	57	•	•
B-Vent Gravity Wall Furnaces	25,000 to 50,000	66	•	•
B-Vent Counterflow Wall Furnaces	40,000 to 55,000	74	•	



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