

Radiant and Blue Flame Vent-Free Room Heaters



SR-18T



BF-30

- Total Comfort for Half the Cost of Electric Heat
- Safe Operation with Auto Shut-off Safety Controls
- Manual or Thermostatic Controls
- Matchless Piezo Igniter
- Mounts on Floor or Wall
- All Models Heat without Electricity
- Optional Manual and Automatic Blowers
- All Models Made In America

Surround Yourself with Comfort





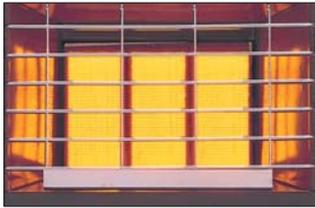
EMPIRE[®] Heating Systems

The Perfect Heaters for Any Environment

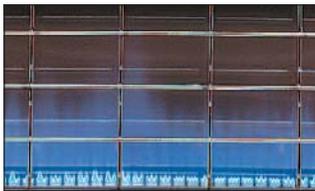
No matter what type of space you need to heat, Empire's American-made zone heaters will suit your needs perfectly.

Empire Vent-Free Heaters are virtually 100% fuel efficient. Because they don't require outside venting, no heat is lost. And best of all, Empire Vent-Free units do not require electricity to operate.

Radiant Orange or Atmospheric Blue to Suit Your Needs



Empire Radiant models produce an infrared "radiant" heat that instantly adds warmth to you and objects in the room just like the sun.



Our Blue-Flame heaters work by heating the air, which then surrounds people and objects with "atmospheric" warmth.

Radiant Heaters



SR-6 (6,000 Btu)
SR-10 (10,000 Btu)
SR-10T (10,000 Btu with thermostat)

Space-saving efficiency and convenient top-mounted controls make the SR-6 and SR-10 the outstanding heaters to add radiant heat to your smaller rooms. Where local codes permit, the SR-6 is ideal for bathrooms and, when allowed, the SR-10 for bedrooms.



SR-18 (18,000 Btu)
SR-18T (18,000 Btu with thermostat)

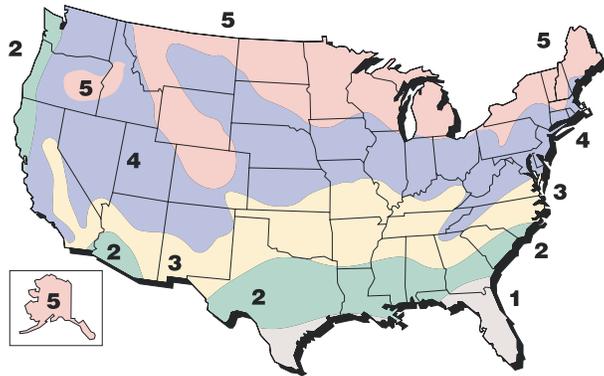
The trim design and generous heat output of the SR-18 enhances medium size rooms with cost-effective warmth. In addition, the thermostat on the SR-18T lets you easily maintain a convenient "hands-free" temperature all day and night.



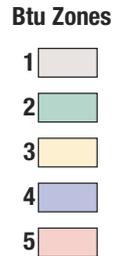
SR-30 (30,000 Btu)
SR-30T (30,000 Btu with thermostat)

The SR-30 and SR-30T quickly fill large rooms with 30,000 Btu of warmth at the touch of a button. The thermostat on the SR-30T offers you round-the-clock comfort and convenience.

Heaters shown on optional stand.



Use as a guide only. Consult your Installer/Dealer for final model/size determination.



To determine Btu needs for area:

1. Determine the square footage of space to be heated.
2. Select the type of heater control system (thermostat or manual).
3. Determine Btu zone from map.
4. Find the heater minimum input rate from the table based on heater control system and Btu zone.
5. Multiply minimum input rate times square footage times ceiling height. The result will provide minimum Btu to ensure comfort under a range of operating conditions.

Example:

Btu Zone = 1 Manual Model Input Rate = .9
 Square Feet = 4,098 Ceiling Height = 8
 4,098 x .9 x 8 = 29,505 Minimum Btu

Surround Yourself With Comfort

Blue Flame Heaters



BF-10 (10,000 Btu)
BF-20 (20,000 Btu)
Both are thermostatically controlled.

The BF-10 and BF-20 produce an inviting atmospheric warmth quickly and efficiently. The BF-10 is equipped with a hydraulic thermostat with a constant 10,000 Btu input, while the BF-20 is equipped with a hydraulic thermostat that modulates from 8,500 Btu to 20,000 Btu for continuous temperature control.



BF-30 (30,000 Btu)
Thermostatically controlled.

The BF-30 offers the visual warmth of an alluring blue flame with a hydraulic thermostat that modulates from 8,500 Btu to 30,000 Btu for continuous temperature control.

Heaters shown on optional stand.

Thermostats Offer Balanced Temperature Control

SR-10T, SR-18T, SR-30T, and the Blue-Flame BF-10 are thermostatically controlled from full input down to pilot. Turn the unit on and let the thermostat cycle the heat.

BF-20 and BF-30 Blue-Flame models contain modulating hydraulic thermostats which, upon reaching your preset comfort level, cycle the main burner flame from HI to LO and, when the thermostat is satisfied, to OFF while leaving the PILOT on; this reduces the large flame to a smaller flame while still emitting heat.



Quick Reference - Based on Ceiling Height of 8 Feet

		Btu Zone				
		1	2	3	4	5
		Minimum Input Rate Needed To Maintain Comfort				
Manually Controlled		0.90	1.45	1.95	2.45	3.15
Model	Btu/Hr Input/Output	Square Feet				
SR-30	30,000	4,167	2,586	1,923	1,531	1,190
SR-18	18,000	2,500	1,552	1,154	918	714
SR-10	10,000	1,389	862	641	510	397
SR-6	6,000	833	517	385	306	238
		Minimum Input Rate Needed To Maintain Comfort				
Thermostatically Controlled		1.85	2.20	2.60	3.15	3.85
Model	Btu/Hr Input/Output	Square Feet				
SR-30T	30,000	2,027	1,705	1,442	1,190	974
SR-18T	18,000	1,216	1,023	865	714	584
SR-10T	10,000	676	568	481	397	325
BF-30	30,000	2,027	1,705	1,442	1,190	974
BF-20	20,000	1,351	1,136	962	794	649
BF-10	10,000	676	568	481	397	325

Automatic Blowers and Floor Stands

Increase the effectiveness of your Empire Heater – SR-18, SR-30, BF-10, BF-20 and BF-30 models with a blower. Empire's state-of-the-art centralized blower design quietly circulates the warm air. In addition, optional floor stands allow the heaters to rest safely on the floor.



Designed with You in Mind

Empire Vent-Free Heaters offer convenient, easy to operate controls on the top of the unit. The push button igniter lights the pilot, eliminating the need for matches. Each unit is test-fired in the factory and contains an oxygen-depletion sensor that shuts off the unit if not enough fresh air is available. Empire Vent-Free heaters are whisper quiet and use a state-of-the-art powder coat process that produces a durable, scratch-resistant finish.

Of all heating sources available, clean, efficient gas heats an area for less than half the cost of electricity. And, in the event of a power outage, gas space heaters keep your house warm and cozy.

Radiant and Blue Flame Vent-Free Room Heaters

Specifications

Model	SR-6	SR-10 SR-10T	SR-18 SR-18T	SR-30 SR-30T	BF-10	BF-20	BF-30
T-Models are Thermostatically Controlled							
Color: Cabinet and Front Panel	Beige & Brown	Beige & Brown	Beige & Brown	Beige & Brown	Beige & Brown	Beige & Brown	Beige & Brown
Btu Input LP NAT	6,000	10,000	18,000	30,000	10,000	20,000 18,000	30,000
Overall Dimensions							
Width	11 7/8"	11 7/8"	18"	24 1/8"	18"	18"	24 1/8"
Cabinet Depth	6 1/2"	6 1/2"	6 1/2"	6 1/2"	6 1/2"	6 1/2"	6 1/2"
Height	22"	22"	22"	22"	22"	22"	22"
Shipping Weight, Lbs. (One Carton)	18	18	27	35	27	27	35
Temperature Control (Type)							
	Manual	Manual or Thermostat	Manual or Thermostat	Manual or Thermostat	Hydraulic Thermostat	Modulating Hydraulic Thermostat	Modulating Hydraulic Thermostat
Number of Heat Settings on Manual Units	1	1	3	3	N/A	N/A	N/A
Accessories (State on Order)							
Blower Package	N/A	N/A	SRB-18 (Manual) or SRB-18T (Auto)	SRB-30 (Manual) or SRB-30T (Auto)	SRB-18T (Auto)	SRB-18T (Auto)	SRB-30T (Auto)
Floor Installation Stand	SRS-10	SRS-10	SRS-18	SRS-30	SRS-18	SRS-18	SRS-30
Minimum Clearances to Combustibles from:							
Top	24"	24"	36"	36"	36"	36"	36"
Each Side	6"	6"	6"	8"	5"	5"	5"
Bottom to Floor (Wall Mounted)	2"	2"	2"	2"	2"	2"	2"
Bottom to Floor (Floor Mounted)	2"	2"	2"	2"	2"	2"	2"
Gas Inlet							
Type of Gas (State on Order)	Natural or LP	Natural or LP	Natural or LP	Natural or LP	Natural or LP	Natural or LP	Natural or LP
Iron Pipe Size (N.P.T.)	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"

Ignition System Standing Pilot/Piezo

Safety Control

Pilot Equipped with Automatic Shut-Off and Oxygen Depletion Sensor on All Models

Warranty

All parts carry a 5-year limited warranty with a 5-year limited labor warranty.

This appliance may be installed in an aftermarket manufactured (mobile) home, where not prohibited by state or local codes.

Vent-Free Products are intended to be used as a supplemental or secondary heat source. If window condensation problems are common in your home, installing a vent-free heater may not be a good option for you.

Note: Empire has a policy of constantly improving quality and performance of its appliances, therefore, materials and specifications are subject to change without notice.

For Your Safety

Read your Owner's Manual for complete installation and safety information.

Due to high temperatures, the appliance should be located out of traffic and away from furniture and draperies.

Children and adults should be alerted to the hazard of high surface temperature and should be kept away to avoid burns or clothing ignition.

Installation and repair should be done by a qualified service person.

When used without adequate combustion and ventilation air, heater may give off CARBON MONOXIDE, an odorless, poisonous gas.

These heaters have a pilot light safety system that turns the heater off if not enough fresh air is available. Do not tamper with this safety system. If the heater shuts off, do not re-light until you provide fresh air. If the heater keeps shutting off, have it serviced. Keep the burner and control compartment clean.

Carbon monoxide poisoning may lead to death. Early signs of carbon monoxide poisoning resemble the flu, with headache, dizziness, and/or nausea. If you have these signs, the heater may not be working properly. Get fresh air at once and have the heater serviced.

Some people—pregnant women, persons with heart or lung disease, anemia, those under the influence of alcohol, those at high altitudes—are more affected by carbon monoxide than others.

These heaters are design certified in accordance with American National Standards Institute Z21.11.2a by the Canadian Standards Association as Unvented Room Heaters.

The installation must conform to local codes. In the absence of local codes, the installation must conform with American National Standard (National Fuel Gas Code) known as NFPA 54 and ANSI Z223.1 (latest edition) available from the American National Standards Institute, Inc., 11 West 42nd St., New York, N.Y. 10036, or from the National Fire Protection Association, Batterymarch Park, Quincy, Massachusetts 02269.



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