

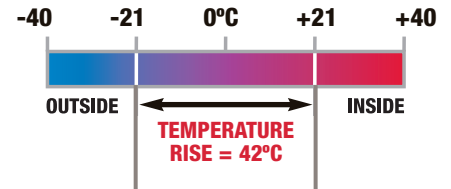
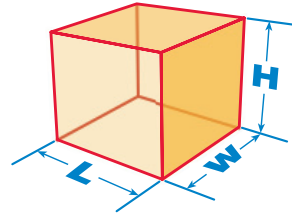
# HEATING PRODUCTS SELECTION GUIDE

## 1 How Much Heat Do You Need?

Estimated Heating Area information included on this guide assumes the area to be heated has a 10 ft ceiling.

If the area to be heated has a higher or lower ceiling, calculate the amount of BTU's required by using the following method:

1. Measure the space's dimensions to determine cubic feet. (Length x Width x Height = Cubic Feet)
2. Subtract the outside temperature from the desired inside temperature to determine the temperature rise.
3. Use the chart on the right to match the size of the heating area (cubic feet) with the desired temperature rise to find the amount of BTU's required to heat your space.



CUBIC FEET	BTU'S REQUIRED TO HEAT SPACE TO DESIRED TEMPERATURE					
25,000	60K	90K	120K	150K	180K	240K
20,000	48K	72K	96K	120K	144K	192K
15,000	36K	54K	72K	90K	108K	144K
10,000	24K	36K	48K	60K*	72K	96K
7,500	18K	27K	36K	45K	54K	72K
5,000	12K	18K	24K	30K	36K	48K
2,500	6K	9K	12K	15K	18K	24K
CELSIUS	10°C	15°C	20°C	25°C	30°C	40°C
FAHRENHEIT	18°F	27°F	36°F	45°F	54°F	72°F

CHOOSE THE DESIRED TEMPERATURE RISE

\*Example based on a temperature rise of 45°F / 25°C to heat approximately 10,000 cubic feet.

## 2 What Type Of Heater Should You Buy?

By answering the following questions and using this chart, you'll be able to determine which heater is best to meet your heating needs.

### 1. Where will the heater be used?

There are portable heaters specifically designed for safe indoor use as well as rugged heaters for outdoor work sites and other outdoor activities.

### 2. How much heat do you need?

Heat outputs range from 3,800 to 400,000 BTU's.

### 3. What fuel is available?

Mr. Heater makes heaters for propane, natural gas, and kerosene/diesel. Also notice that some heaters require electricity.

	INDOOR SAFE	LP GAS	NATURAL GAS	KEROSENE	CONSTRUCTION	GARAGE	HOME EMERGENCY	OPERATES WITHOUT ELECTRICITY	BTU/HR RATINGS
BUDDY SERIES	●	●				●	●	●	3,800-18,000
TANK TOPS		●			●			●	12,000-42,000
PORTABLE RADIANT		●			●			●	35,000-125,000
CONVECTION		●			●			●	30,000-200,000
FORCED AIR PROPANE		●			●				35,000-400,000
FORCED AIR KEROSENE				●	●				50,000-210,000
UNIT HEATERS	●	●	●			●			45,000-75,000



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### 3 Types Of Heaters

**RADIANT HEATERS:** Portable indoor safe radiant heaters feature an automatic low oxygen safety shut off (ODS). *Outdoor radiant heaters do not have an ODS and are for outdoor use only.*

**FORCED AIR HEATERS:** Forced air propane and kerosene heaters use a built-in electric high-velocity fan that pulls cool air into the rear of the heater and forces it through the heat chamber into the surrounding area as heated air.

**GARAGE/WORKSHOP UNIT HEATERS:** Garage/Workshop unit heaters use a built-in electric fan to pull cool air into the rear of the heater and over a heat exchanger, forcing hot air into the surrounding area. Heat exchanger keeps exhaust gas and heated air separate. *(Requires venting to the outside.)*

**WORKSITE CONVECTION HEATERS:** Convection propane heaters circulate warm air without electricity. Air is drawn in at the base of the unit as heated air exits 360° from the top.

#### INDOOR

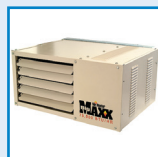
##### Buddy Series Indoor Safe Heaters

- Approved for indoor and outdoor use
- Low oxygen sensor shutoff
- 3,800 – 18,000 BTU/HR
- Heats 200 – 400 sq. ft.
- For cabins, tents, barns, workshops, RVs, home emergencies
- All units operate on 1 lb. propane cylinders
- Larger units also operate with 20 lb. propane cylinders
- Limited 1-year warranty



##### Garage/Shop Heaters

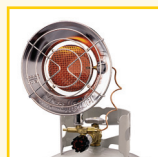
- Easy installation and minimal ceiling clearance
- 45,000 – 75,000 BTU/HR
- Heats 500 – 1,000 sq. ft.
- Propane or natural gas
- Limited 1-year warranty
- Optional thermostat available
- Exhaust ventilation required *(Optional vent kits available)*



#### OUTDOOR/WORKSITES

##### Original Series Outdoor Tank Tops

- Efficient, direct radiant heat
- Fast, quiet operation
- 12,000 – 42,000 BTU/HR
- For outdoor jobs, campsites, vehicle maintenance, loading docks, animal comfort
- Operates on 20 lb. propane cylinder
- Limited 1-year warranty



##### Contractor Series Convection & Radiant

- Efficient radiant heating heats objects, not air
- Uniform convection heating offers 360-degree directional heat
- 30,000 – 200,000 BTU/HR
- Heats 800 – 4,700 sq. ft.
- For construction sites, remodeling jobs, barns, sporting events
- 20 lb., 60 lb., or 100 lb. propane cylinder sizes depending on model
- Limited 1-year warranty



##### Contractor Series Forced Air Propane

- Maximum heat circulation with built-in fan
- 35,000 – 400,000 BTU/HR
- Heats 1,200 – 6,000 sq. ft.
- For construction sites, commercial workspaces, remodeling jobs, agricultural buildings, workshops
- 20 lb., 40 lb., or 100 lb. propane cylinder sizes depending on model
- Limited 1-year warranty



##### Contractor Series Forced Air Kerosene

- Maximum heat circulation with built-in fan
- 50,000 – 210,000 BTU/HR
- Heats 800 – 9,000 sq. ft.
- For construction sites, commercial workspaces, remodeling jobs, agricultural buildings
- Kerosene/Jp8/#1 and #2 Diesel/#1 and #2 Fuel Oil
- Limited 1-year warranty

