



# Portable Horizontal 150kW Heat Only

**Compact, Portable Heating for Commercial  
and Industrial Applications**



The 150 kW portable heater is designed for outdoor installation and can be used for comfort heating or industrial process applications. It is ruggedly designed with a welded frame and heavy gauge cabinet construction. The 150 kW portable heater has a premium painted finish able to withstand the harsh outdoor portable environment.

United CoolAir's 150 kW heater, as with all our portable equipment, is constructed for the tough portable market with features that simplify setup and operation. The ducted return and supply air is adjustable for air volume and external static pressure with the amount of heat automatically adjusted for the air flow being utilized.

## System Features

### Supply and Return Ducting

*20" supply/return duct collars provide high volume air flow and handle static pressure up to 3" and airflow up to 9,000 CFM*

### Forklift Lifting Pod

*Integral lifting pod allows four-way lifting for positioning the unit in most any environment*



### Simple Control Panel Design

Allows easy unit startup and management of air flow using a variable speed fan control



### Heavy-Gauge Lifting Lugs

Use for moving and firmly stacking units up to three high (for storage) without risk of movement



### Convenient Power-In Connections

Fast-Connect fittings allow quick and easy connection to power source and includes circuit breaker with lockable cover

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## UNIT INCLUDES

- Steel Cabinet
- Welded Construction
- Lifting Corner Brackets
- Nominal 20" Duct Collars (1 Supply / 1 Return)
- Slotted Vise Action Latches on Access Panels
- Color Coded Camlock Power In Connections
- Nominal 150 kW, 4-Stages
- On / Off Toggle Switch
- Internal Electromechanical Thermostat
- Time Delay Switches (Heat Staging)
- Air Proving Switch
- Discharge Air Safety Thermostat
- Phase Indication
- Belt Drive Blower (Backward Inclined, Non-Overloading)
- Painted Cabinet ("Wet White")
- Stackable
- 24 Volt Controls
- High Temperature Kluxons
- Permanent Cleanable Filter
- Main Power Circuit Breaker
- Variable Frequency Drive (VFD)
- Vibration Isolators Under VFD
- Manual POT for Speed Control
- 460-3-60 Operating Voltage
- Tubular Heaters
- Lifting Pod
- Insulated Cabinet

## TECHNICAL DATA

### PHH150G4

<b>Heating Capacity</b>	BTUH	512,000
<b>Electric Heat [1]</b>	Nominal kW	150 kW
<b>No. of Stages</b>		4
<b>Maximum Leaving Air Temp.</b>	°F	160
<b>Temp. Rise @ 9000 CFM</b>	°F	53
<b>Filter</b>	<b>Type</b>	Permanent Cleanable
	<b>Dimensions</b>	Inches
	<b>Quantity</b>	23 x 24 x 1
<b>Blower</b>		4
	CFM	9000
	ESP	3.0"
	Type	Backward Inclined, Non-Overloading
<b>Unit Dimensions</b>	HP	15
	Inches	49" W x 52" H x 90" L
<b>460-3-60</b>	Motor FLA	18
	Unit FLA	210
	Circuit Breaker	225
	kW	161.5
<b>Approximate Net Unit Weight</b>	Lbs.	1,290

[1] Electric heaters nominally rated at 460 volts.



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