

HeatPro[®] 100,000 BTU

Heat and Cool Heat Pump

HEATING AND COOLING WITH
 A COMPACT CIRCULAR DESIGN

WHEN IT COMES TO EFFICIENCY, THIS HEATER DOESN'T CUT CORNERS.

- » **Heat and cool capability** with active defrost for low ambient temperatures
- » **Multi-speed fan** automatically modulates speed for quiet, energy-efficient operation (6.4 COP)
- » **Compact footprint** requires only 6" rear clearance
- » **Durable components** like titanium heat exchanger and Gold Fin evaporator coil extend lifespan
- » **Standard plumbing unions** (2" socket x 2.5" spigot) align with previous generation



EXPERT LINE[™]
 ONLY FROM POOL PROS



AHRI certified and independently lab-tested to ensure the highest quality performance and value.



SPECIFICATIONS

HP31005T

BTU HEATING PERFORMANCE

80°F Ambient Air, 80°F Water, 80% Relative Humidity*	100,000
80°F Ambient Air, 80°F Water, 63% Relative Humidity*	94,000
50°F Ambient Air, 80°F Water, 63% Relative Humidity*	61,000
HEAT Operating Temperature °F	40

COEFFICIENT OF PERFORMANCE (COP)

80°F Ambient Air, 80°F Water, 80% Relative Humidity*	6.4
80°F Ambient Air, 80°F Water, 63% Relative Humidity*	6.2
50°F Ambient Air, 80°F Water, 63% Relative Humidity*	4.2
Electronic Temperature Control	Yes
kW Input	4.7
Voltage	208-230/60/1
Minimum Circuit Amps	42
Minimum Overload Protection	50
Maximum Overload Protection	60
Water Flow Rate (GPM) Recommended Minimum/Maximum	30/75
Plumbing Connection	2" x 2½" Unions
Refrigerant	R410A
Dimensions (inches)	31¼ DIA x 40 H
Net Weight (lbs.)	245
Shipping Weight (lbs.)	285

*BTU and COP Ratings in Accordance with AHRI 1160 Performance Test Standard