



Overview

The HT Series high temperature portable air conditioning systems were developed in response to needs for personnel cooling in environments such as steel mills, aluminum casting plants, copper plants, hot foundries and other manufacturing environments where ambient conditions are not suitable for the safety, health and well being of the employees.

Model **HT18BA** High Temperature Portable Air Conditioner

PERFORMANCE	
Cooling BTU/Hr @ 80°F dry bulb, 67°F wet bulb, 95°F ambient	18,600
Heating BTU/Hr	n/a
Operating Conditions (°F)	55 to 150
Operating Conditions with Low Ambient Control (°F)	n/a
Air Flow Rates (Evaporator Supply/Condenser Exhaust) (CFM)	600/1200
Sound Level (dBA)	63
ELECTRICAL	
Voltage (V)	208/230
Phase	1
Frequency (Hz)	60
Maximum Nominal Current - Cooling (A)	18.7
Maximum Nominal Current - Heating (A)	n/a
Maximum Nominal Power Consumption - Cooling (kW)	3.4
Electric Heat (kW)	n/a
NEMA Plug Configuration	5-20P
Breaker/Fuse Size (A)	20
Supply Power Wire Size (AWG)	12
PHYSICAL CHARACTERISTICS	
Dimensions (H x W x D) (in)	46 x 34 x 30
Weight, unit (lbs)	357
Weight, shipping (lbs)	421
Fan Type, Evaporator	Direct Drive
Fan Type, Condenser	Direct Drive
Caster Height (in)	3
Directional Supply Air Nozzles Qty	2
Directional Supply Air Nozzles Diameter (in)	5
REFRIGERANT	
Refrigerant Type	R-134a
Refrigerant Charge (oz)	54

FEATURES

- Heavy duty 18 ga precision sheet metal cabinet
- Adjustable directional air nozzles. Adjust 180° and tuck away for safe and easy transport.
- Programmable Thermostat (24Vac), unit- or wall-mounted. Can interface with building computer operation systems.
- Externally accessible servicing ports and sight glass
- Hinged condenser filter access door
- 5-gallon condensate recovery
- Heavy duty industrial casters (all swivel, 2 with brakes)
- Powder coat finish (durable, scratch-resistant)
- Independent evaporator and condenser motors (high static, high volume)
- Removable, permanent washable condenser and evaporator filters
- Vacuum-formed internal drain pan with two drain openings on opposite corners. Unit shuts off if clogged.
- High quality coils (enhanced lanced aluminum finish, rifled copper tubing)
- High efficiency compressor
- Built-in condenser air intake and exhaust plenums

NOTE: These specifications are subject to change without notice.