

# HDT THOR<sup>®</sup> 200

*The Most Advanced Flight  
Line Air Conditioner*



The HDT Thor 200 is a highly advanced, mobile ground support flight line air conditioner, that is proven to maintain aircraft cooling requirements in extreme environmental conditions. The Thor 200 provides the needed airflow and capacity to cool aircraft avionics and personnel during maintenance and preflight ground support operations.

All models are self-powered by an on-board diesel engine / generator set that operates on a variety of diesel, commercial aviation and military fuels, or they can be operated from shore power. The HDT Thor 200 acts as a single pass system.

An optional ducted return is available.



## KEY FEATURES

- Continuous ambient operating temperature range of -20°F to 125°F (-29°C to 51°C)
- Selectable delivered air temperatures of 40°F up to 80°F (5°C to 26°C)
- Operates in high temperature / high humidity conditions
- High altitude operation
- ASHRAE MERV13 filtration with standard size filter media and easy access
- User-friendly lighted operator control panel provides all of the required controls and displays during operation
- Heavy-duty pneumatic tires with hinged tow bar and lunette eye for maneuverability
- Tiedowns, top lift points, and forklift slots for loading / unloading
- Air transportable for use with USAF military cargo aircraft
- Weather resistant enclosure provides maximum protection from inclement weather
- Dimensions: 168 inches long, 94 inches wide, and 94 inches high (427 x 239 x 239 cm)

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## SPECIFICATIONS

### Ordering information

### Thor 200-HP (High Pressure)

HDT part number	MBA-32-51*
NSN	4120-01-630-7467**
On GSA Contract	MBA-32-51*

### Air flow rate

Maximum	130 lb/min	60 kg/min
Nominal	100 lb/min	45 kg/min

### Static pressure

0 to 5 psi	0 to 35 kPa
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### Delivered air temperature

40°F to 80°F	5°C to 26°C
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### Refrigerant

R-134a

### ASHRAE Std 52.2 Filtration

MERV 13

### Environmental

Operating temperatures	-20° to 131°F	-29° to 55°C
Relative humidity (up to)	100%	
Operating Altitude (up to)	7,000 feet	2,133 m
Storage	-40°F to 165°F	-40°C to 74°C
Fuel		

### Running Time (Nominal)

8 Hours

### Noise level

101 dBA

### Transportation

Chassis	Per SAE AS8090 Type II Group C	
Towing Speed (max)	25 mph	40 km/h
Air per MIL-HDBK	1791 C-5, C-17, C-130	

### Physical characteristics

L x W x H	168" x 94" x 94"	427 x 239 x 239 cm
Weight	10,000 lbs	4,536 kg

\* For CE compliant unit, add (-CE) to the part number

\*\* NSN is only available on non-CE compliant unit

Products, product specifications and data are subject to change without notice to improve reliability, function, and/or design. Please contact Customer Service at 800.969.8527 for the most up-to-date product information.

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NON-EXPORT CONTROLLED INFORMATION

Revision 30 08-24 01-05-02-0111