The HDT Nordic Thor 600 is the industry’s most advanced mobile, ground support flight line air conditioner, providing customers with the unprecedented capability to maintain aircraft cooling and heating requirements in the world’s most extreme environmental conditions. The self-contained HDT Nordic Thor 600 delivers up to 650 lb/minute (294.8 kg/minute) air flow at static pressures up to 40 inches (101.6 cm) water column with sufficient cooling and heating capacity to support aircraft avionics and personal during maintenance and pre-flight ground support periods.

The HDT Nordic Thor 600 provides a wide range of airflows and delivered air temperatures that are selectively controlled via operator set-points from the main operator panel. The Thor 600 is powered by its own diesel engine / generator set that operates on a wide variety of diesel, commercial aviation, and military fuels. The HDT Nordic Thor 600 is capable of operating in a return air configuration or as a single pass system.

KEY FEATURES

- Continuous ambient operating temperature range of -40°F to 140°F (-40° to 60°C)
- Selectable 200 – 650 pounds per minute (PPM) (90 – 295 kg/min) of delivered air at static pressures up to 40 inches (101.6 cm) water column
- Selectable delivered air temperatures of 34°F up to 180°F (1.1°C to 82.2°C)
- Operates in high temperature/high humidity conditions
- High altitude operation
- ASHRAE MERV13 filtration with standard size filter media and easy access
- Standard three twelve-inch (30.5 cm) diameter outlets (other configuration options available)
- User-friendly lighted operator control panel provides all of the required controls and displays during operation
- Ancillary heating for low temperature operation
- Heavy-duty pneumatic tires with hinged tow bar and lunette eye for maneuverability
- Surge brakes for ground towing with a manually operated parking brake
- Tiedowns, top lift points, and forklift slots for loading/unloading
- Air transportability certified for use with USAF military cargo aircraft
- On-board fuel tank with a 250 gallon (946.4 liters) capacity
- Weather resistant enclosure provides maximum protection from inclement weather
- Dimensions: 318 inches long, 100 inches wide, and 96 inches high (807.7 x 254 x 243.8 cm)
## HDT NORDIC THOR® 600 SPECIFICATIONS

### Ordering information
- Part number: MBA-110-51
- NSN: X
- On GSA Contract: X

### Delivered air
- Maximum air flow rate: 650 lb/min (294.8 kg/min)
- Delivered air temperature: 34° – 180°F (1.1° – 82.2°C)
- ASHRAE Std 52.2 Filtration: MERV 13

### Environmental
- Operating temperatures: -40° – 140°F
- Relative humidities: Up to 100%
- Altitude: Up to 7000 ft (2133 m)

### Fuel
- Capacity: 250 gallons (946.3 liters)

### Physical characteristics
- L x W x H: 318” x 100” x 96” (807.7 x 254 x 243.8 cm)

### Transportation
- Ground (max): 20 mph (31.19 km/h)
- Air per MIL-HDBK 1791 Certified

---

This item and the technical data and defense services directly related to this item are subject to the International Traffic in Arms Regulations (ITAR), 22 CFR 120-130 and may not be exported to any foreign destination or any foreign entity or foreign national, inside or outside the United States, without prior approval by the U.S. Department of State.

Revision 4 09-12 01-05-02-0112