



HDT Nordic 60K ECU

HDT Nordic Military ECUs withstand the most severe environments and conditions. With heavy duty, but lightweight aluminum construction, this ECU is designed for quick, easy transport and hook-up. The Mil-Spec and COTS units are designed for cooling and heating expeditionary shelters, hardwall shelters, vans and ISO containers.

Additional features:

- Internal storage compartment houses two 16" diameter x 10' long (40.6 cm diameter x 3 m long) insulated flexible ducts, a 50' (15.2 m) long power cable and a remote control with cable
- Canvas covers for transport or storage
- A liquid sight glass is visible from the outside of the enclosure so refrigerant level can be determined without opening up the ECU
- Refrigerant access ports for pressure readings and refrigeration charging. Externally located.
- Four lifting eyes
- Fined tube electric heating elements
- Hour meter for preventive maintenance
- Easily accessible circuit breakers for power and control voltage
- The ECU is mounted on a stackable skid base with fork lift tubes
- Corrosion resistant Electrofin coated evaporator and condenser coils
- Bolted frame and covers for easy removal/replacement
- Evaporator coil freeze protection
- Phase monitor
- Local and remote control with 50' (15.2 m) cable



**HDT Nordic
60K ECU,
Without Remote,
No Ducts**

**HDT Nordic
60K ECU,
With Remote,
With Ducts**

Ordering information

Available colors¹

Green

Part number	62-N0364073PHRGN	62-N0604073PHGN
Mfg part number	GL0583ZAADWYX1Z	GL0583ZAADWYX11
NSN	-	4120-01-581-2260
On GSA Contract		X

Specifications

Refrigerant	R-407C	R-407C
Charge	5.3 lbs 2.4 kg	5.3 lbs 2.4 kg
ECU Capacity		
Cooling ²	62,000 BTU/H 18.2 kW	62,000 BTU/H 18.2 kW
Heating	37,000 BTU/H 10.8 kW	37,000 BTU/H 10.8 kW
Power		
Voltage (V/Phase/Hz)	208/3/50-60VAC	208/3/50-60VAC
Control voltage	24/1/50-60VAC	24/1/50-60VAC
Max power		
Cooling ³	11,400 Watts	11,400 Watts
Heating	12,450 Watts	12,450 Watts
Compressor soft start capability	Single start, constant run	Single start, constant run
Main onboard power circuit breaker	50 Amp, 3 Pole	50 Amp, 3 Pole
Power cable length ⁴	50' 15.2 m	50' 15.2 m
Power cable connector	MS3102R32-17P (4 Pin, 3P-E)	
Air flow		
Evaporator	2,000 ACFM 3,450 m ³ /h	2,000 ACFM 3,450 m ³ /h
Condenser	3,600 ACFM 6,100 m ³ /h	3,600 ACFM 6,100 m ³ /h
Dimensions (L x W x H)	47" x 39" x 48" 119 x 99 x 122 cm	47" x 39" x 48" 119 x 99 x 122 cm
System weight	560 lbs 254 kg	560 lbs 254 kg
Operating environment		
Cooling	20° to 130°F -6.7° to 54.4°C	20° to 130°F -6.7° to 54.4°C
Heating	-40° to 70°F -40° to 21°C	-40° to 70°F -40° to 21°C
Storage temps	-60° to 160°F -51° to 71°C	-60° to 160°F -51° to 71°C
Noise	85 dbA	85 dbA

¹ Units also available in CARC paint, please ask your HDT representative

² Based on outside air entering the condenser @ 95°F (35°C) dry bulb and 80°F (26.6°C) dry bulb / 67°F (19.4°C) wet bulb indoor air entering the evaporator section

³ Based on a heat soaked shelter with outdoor-air and indoor-air entering the ECU @ 125°F (52.7°C) dry bulb

⁴ Detached, ships loose