

# HDT NORDIC 2KR SERIES

Industrial Grade Window ECU Units

**HDT**<sup>®</sup>  
GLOBAL



## KEY FEATURES

- Scroll compressor
- Thermal expansion valve
- Strainer drier
- Liquid sight glass
- Military-rated selector switch
- Military-rated thermostat
- Service ports are accessible from the front of the unit
- Environmentally friendly R-407C
- Large diameter drain line with a deep drain pan
- 10 fins per inch evaporator and condenser coils reduces dirt build up, corrosion resistant coating reduces coil corrosion
- Slide out chassis for ease of service
- Corrosion resist coating on plumbing
- 2KR Series ECUs utilize a dry condenser coil, reducing damage caused from hardened dirt
- Completely enclosed blower/fan motor with stainless steel shaft for extended motor life
- Reverse incline blower for very quiet operation
- Standard high and low pressure safety switches
- Heavy duty, 18-gauge, G-90 Galvanized cabinet and chassis



## OPTIONAL FEATURES:

- 4 kW electrical heat
- External filter rack and filter
- All stainless steel construction
- Split configuration
- All aluminum construction
- Remote thermostat
- Roof mounted with remote mounted controls
- Water cooled condenser

When it is not possible to cut a hole through the wall to mount a window type unit the HDT Nordic Split Series solves the problem.

The rugged 2KRE evaporator is mounted on the wall or from the ceiling. It is connected to the 2KRC condenser with small copper tubing which passes through the wall.

The condenser is located in a convenient place outside the area to be cooled. All of the great features of the 2KR window unit are incorporated in this 2KR Split Series.

# HDT NORDIC 2KR SERIES

Industrial Grade Window ECU Units



SELF-CONTAINED	2KR 16B	2KR 22B	2KR 28B	2KR 16B4	2KR 22B4	2KR 28B4
Cooling Only or With Heat	CO	CO	CO	W/H	W/H	W/H
Cooling Capacity (BTU/H) Nominal	16,000	22,000	28,000	16,000	22,000	28,000
Volts/Phase/Hz	208-230/1/60 230/1/50	208-230/1/60 230/1/50	208-230/1/60 230/1/50	208-230/1/60 230/1/50	208-230/1/60 230/1/50	208-230/1/60 230/1/50
<b>Amperes</b>						
Cooling Operation 60Hz	9.7-10.1	15.6-12.8	19.1-16.0	9.7-10.1	15.6-12.8	19.1-16.0
Heating Operation 60Hz	N/A	N/A	N/A	18.2-19.9	18.2-19.9	18.2-19.9
Cooling Operation 50Hz	9.8	10.9	13.7	9.8	10.9	13.7
Heating Operation 50Hz	N/A	N/A	N/A	19.6	19.6	19.6
<b>CFM EVAP</b>						
Cooling Only (High/Low)	463/410	516/412	476/380	N/A	N/A	N/A
With Heat (High/Low)	N/A	N/A	N/A	474/420	529/422	489/390
Fan RPM-Cooling Only (High/Low)	1400/1244	1560/1244	1560/1244	N/A	N/A	N/A
Fan RPM-With Heat (High/Low)	N/A	N/A	N/A	1400/1244	1560/1244	1560/1244
Power Cord Plug Type SPT-3	NEMA 6-20	NEMA 6-20	NEMA 6-20	NEMA 6-30	NEMA 6-30	NEMA 6-30
Front to Louvers (Inches/CM)	14" / 35.6 cm	14" / 35.6 cm	14" / 35.6 cm	14" / 35.6 cm	14" / 35.6 cm	14" / 35.6 cm
Customer Fuse/Breaker Size (Time Delay)	15	20	25	30	30	30
Heating BTU (with Heat)	N/A	N/A	N/A	13,661	13,661	13,661
Standard Watts (with Heat)	N/A	N/A	N/A	4000	4000	4000
Net Weight (lbs/kg)	231 lbs / 104.8 kg	219 lbs / 99.3 kg	255 lbs / 115.7 kg	235 lbs / 106.6 kg	223 lbs / 101.2 kg	259 lbs / 117.5 kg
Ship Weight (lbs)	241 lbs / 109.3 kg	229 lbs / 103.9 kg	265 lbs / 120.2 kg	245 lbs / 111.1 kg	233 lbs / 105.7 kg	269 lbs / 122 kg

SPLIT UNIT - CONDENSOR ONLY	2KRC 16B	2KRC 22B	2KRC 28B
Cooling Capacity (BTU/H) Nominal	16,000	22,000	28,000
Volts/Phase/Hz	208-230/1/60 230/1/50	208-230/1/60 230/1/50	208-230/1/60 230/1/50
<b>Amperes</b>			
Cooling Operation 60Hz	9.0-9.3	14.9-12.0	18.4-15.2
Cooling Operation 50Hz	9.3	10.5	13.3
Customer Fuse/Breaker Size (Time Delay)	15	25	30
Net Weight (lbs)	121 lbs / 54.9 kg	118 lbs / 53.5 kg	130 lbs / 59 kg
Ship Weight (lbs)	131 lbs / 59.4 kg	128 lbs / 58.1 kg	140 lbs / 63.5 kg

SPLIT UNIT - EVAPORATOR	2KRE 16B	2KRE 22B	2KRE 28B	2KRE 16B4	2KRE 22B4	2KRE 28B4
Cooling Only or With Heat Option	CO	CO	CO	W/H	W/H	W/H
Cooling Capacity (BTU/H) Nominal	16,000	22,000	28,000	16,000	22,000	28,000
Volts/Phase/Hz	208-230/1/60 230/1/50	208-230/1/60 230/1/50	208-230/1/60 230/1/50	208-230/1/60 230/1/50	208-230/1/60 230/1/50	208-230/1/60 230/1/50
<b>Amperes</b>						
Cooling Operation 60Hz	1.3-1.3	1.3-1.3	1.3-1.3	1.3-1.3	1.3-1.3	1.3-1.3
Heating Operation 60Hz	-	-	-	17.0-18.7	17.0-18.7	17.0-18.7
Cooling Operation 50Hz	1.3	1.3	1.3	1.3	1.3	1.3
Heating Operation 50Hz	N/A	N/A	N/A	18.7	18.7	18.7
<b>CFM</b>						
Cooling Only (High speed, 0.0 ESP/0.5 ESP)	619/483	737/628	717/611	N/A	N/A	N/A
With Heat (High speed, 0.0 ESP/0.5 ESP)	N/A	N/A	N/A	629/493	747/639	727/621
Fan RPM (High/Low)	1450/800	1625/800	1625/800	1450/800	1625/800	1625/800
Heating BTU (with Heat)	N/A	N/A	N/A	13,661	13,661	13,661
Standard Watts (with Heat)	N/A	N/A	N/A	4000	4000	4000
Net Weight (lbs)	68 lbs / 30.8 kg	68 lbs / 30.8 kg	75 lbs / 34 kg	72 lbs / 32.7 kg	72 lbs / 32.7 kg	79 lbs / 35.8 kg
Ship Weight (lbs)	78 lbs / 35.4 kg	78 lbs / 35.4 kg	85 lbs / 38.6 kg	82 lbs / 37.2 kg	82 lbs / 37.2 kg	89 lbs / 40.4 kg

Note: All capacities and CFM Ratings are for 60Hz. To obtain 50Hz ratings, multiply values by 0.83  
 CO - Cooling Only, WH - With Heat. Minimum operating temperature: 65°F (18.3°C). Maximum operating temperature: 115°F (46.1°C).

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