

RUGGEDIZED SKID-MOUNTED ECU

Model: RULCR36DA-10kW

Operating Power: 460VAC ±10%, 3-Phase, 60Hz
Nominal Cooling Capacity: 3 Tons
Nominal Heating Capacity: 10kW



ENVIRONMENTAL CONTROL UNITS

PRODUCT SPECIFICATIONS

PERFORMANCE

Cooling BTU/Hr @ 80°F DB, 67°F WB, 95°F Ambient	38,000
Cooling BTU/Hr @ 95°F DB, 75°F WB, 120°F Ambient	34,900
Heating BTU/Hr	34,130
Operating Conditions (°F)	50 to 150
Operating Conditions with Low Ambient Control (°F)	-30 to 150
Evaporator Supply Air Flow Rate (CFM)	1200
Condenser Exhaust Air Flow Rate (CFM)	3500
Compressor Operating Mode	Constant Run

ELECTRICAL

Voltage (VAC) ±10%	460
Phase	3
Frequency (Hz)	60
Maximum Nominal Current - Cooling (A)	12.4
Maximum Nominal Current - Heating (A)	13.5
Maximum Nominal Power Consumption - Cooling (kW)	7.9
Electric Heat (kW) @ 230VAC(*)	9.2
Circuit Breaker/Fuses Size (A)	16
Supply Power Cord Size (AWG)	12

PHYSICAL CHARACTERISTICS

Dimensions, H x W x D (in)	45.75 x 34 x 48
Weight, Unit (Lbs)	501
Fan Type, Evaporator	Direct Drive, Reverse-Inclined
Fan Type, Condenser	Direct Drive, Axial
Evaporator Supply Air Duct Takeoff Dia. (in)	16
Evaporator Return Air Duct Takeoff Dia. (in)	16

REFRIGERANT

Type	R-134a
Charge (oz)	See unit data plate.

(*) Heating elements are factory-rated 5kW at 240VAC and de-rated to 4.6kW when operating at 230VAC.

All specifications are subject to change without notice.



PRODUCT KEY FEATURES

- Aluminum Cabinet; Steel Skid Base
- High-Efficiency, Tube-and-Fin Evaporator Coil
- High-Efficiency Micro-channel Condenser Coil
- High-Efficiency Reversed-Inclined Evaporator Blower
- High-Efficiency Condenser Axial Fan
- Best-in-Class Copeland® Scroll Compressor
- Environment-Friendly Refrigerant R-134a
- Remote Control Box w/ Electronic Temperature Controls
- 20-Ft (Standard Length) Remote Control Cable
- Constant Run Compressor Operation
- Electric Heat
- Mil. Circular Power and Control Connectors
- Designed for High Ambient Operation in Outdoor Conditions of up to 150°F
- Externally Accessible Sight Glass and Servicing Ports
- Permanent Washable Air Filters
- Stainless Steel Drain Pan
- Skid Base with Corner Quick Receivers for Optional Wheel Kits, Lifting Rings and Leveling Stands
- Integrated Forklift Pockets
- Durable Powder Coat Finish (Gray, Desert Tan, Green or White)
- Ruggedized Build and Certified to MIL-STD-810F in Accordance with:
 - MIL-STD-810F, Method 514.5, Figure 514.5C-3, Table 514.5C-VII (Vibration)
 - MIL-STD-810F, Method 510.4, Procedure I & II (Sand and Dust)
 - MIL-STD-810F, Method 506.4, Procedure III (Dripping Rain)
 - MIL-STD-810F, Method 509.4 (Salt Fog)