

PRODUCT SPECIFICATIONS

PERFORMANCE	
Cooling BTU/Hr @ 80°F DB, 67°F WB, 95°F Ambient	38,000
Cooling BTU/Hr @ 80°F DB, 67°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
Air Flow Rates (Evaporator Supply / Condenser Exhaust) (CFM)	1200/3500
ELECTRICAL	
Voltage (VAC) ±10%	208-230
Phase	3
Frequency	60/50
Maximum Nominal Current - Cooling (A)	26.5
Maximum Nominal Current - Heating (A)	30.7
Maximum Nominal Power Consumption - Cooling (kW)	8.4
Electric Heat (kW)	10
Circuit Breaker/Fuses Size (A)	40
Power Supply Wire Size (AWG)	10
PHYSICAL CHARACTERISTICS	
Dimensions, H x W x D (in)	45.75 x 34 x 45
Weight, Unit (Lbs)	425
Fan Type, Evaporator	Direct Drive, Backward-Curved Impeller
Fan Type, Condenser	Direct Drive, Axial
Evaporator Supply Air Opening Duct Take-Off Dia. (in)	12
Evaporator Supply Air Opening Duct Take-Off Dia. (in)	n/a
REFRIGERANT	
Type	R-134a
Charge (oz)	See unit data plate.

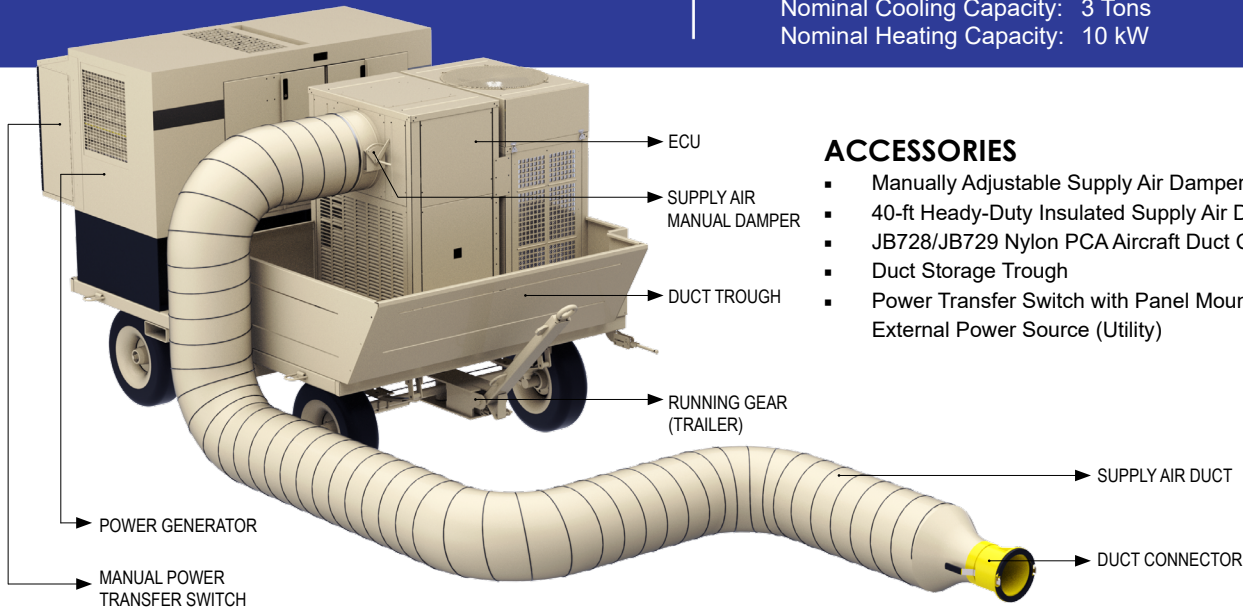
All specifications are subject to change without notice.



ECU KEY FEATURES

- 16ga Aluminum (Cabinet) & 14ga Steel (Skid Base)
- High-Efficiency, Tube-and-Fin Evaporator Coil
- High-Efficiency Micro-channel Condenser Coil
- Motorized, High-Efficiency Backward-Curved Evaporator Blower
- High-Efficiency Condenser Axial Fan
- Best-in-Class Copeland® Scroll Compressor
- Environment-Friendly Refrigerant R-134a
- Electronic Valves (Expansion, Hot Gas Bypass & Suction Control)
- Electronic Temperature Controls (Cooling & Heating)
- Single-Stage Electric Heat
- EMI/RFI Shielding for Electromagnetic Compatibility
- Mil. Circular Power and Control Connectors
- Designed for Continuous-Run Compressor Operation
- Designed for High Ambient Operation in Outdoor Conditions of up to 150°F
- Designed for Low Ambient Control for Operation in Outdoor Conditions of <50°F
- Externally Accessible Sight Glass and Servicing Ports
- Evaporator Supply Air Manually Adjustable Damper (16" Diam.)
- Sound Attenuating Insulation for Quiet Operation
- Permanent Washable Air Filters
- Stainless Steel Drain Pan
- Heavy-Duty Skid Base with Integrated --Fork Lift Pockets and Corner Quick Receivers (for Optional Wheel Kits, Lifting Rings and Leveling Stands)
- Durable Powder Coat Finish
- 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)

Operating Power: 208/230VAC±10%, 3-Phase, 60//50Hz
 Nominal Cooling Capacity: 3 Tons
 Nominal Heating Capacity: 10 kW



ACCESSORIES

- Manually Adjustable Supply Air Damper (16" Diam.)
- 40-ft Heady-Duty Insulated Supply Air Duct
- JB728/JB729 Nylon PCA Aircraft Duct Connector (8" Diam)
- Duct Storage Trough
- Power Transfer Switch with Panel Mount MIL-C Type Connector for External Power Source (Utility)

POWER GENERATOR

Prime Rating	20kW / 25kVA
Standby Rating	22kW / 27.5kVA
Generator RPM	1800
Voltage - 3Ph	208, 220, 240, 416, 440, 460, 480V Switchable
Voltage - 1Ph	120, 127, 139, 240, 254, 277V Switchable
Generator	Design Revolving field, Self-ventilated, Drip-proof, Single bearing
Voltage Regulation (No load to full Load)	±0.5 %
Power Factor	0.8
Max Amp @ 120V, 1Ph	55.6 Amps (4 wire)
Max Amp @ 240V, 1Ph	27.8 Amps (4 wire)
Max Amp @ 240V, 3Ph	60 Amps
Max Amp @ 480V, 3Ph	30 Amps
Main Line Circ. Breaker	60 Amps
Over Current Relay Trip Setpoint	30 Amps
Armature Connection	Star with Neutral/ Zig Zag
Excitation	Brushless with AVR
No. of Poles	4
Frequency	60 Hz
Frequency Regulation (Steady State Load)	±3-5 %
Sound Level	65 dB(A) at 23FT
Paint Top Coat	PHS8-10024-C50 (Denyo Desert Tan)
Fuel Type	Diesel or JP-8
Fuel Tank Capacity	41.7 gal
Weight (Dry/Wet)	1,797 / 2,138 Lbs

RUNNING GEAR (TRAILER)

Undercarriage Arrangement	4-wheel, 2-axle, Ackerman steering
Tire Size	6.00-9 NHS 6-Ply Load Range C
Tire Pressure	50 PSI min., 70 PSI max.
Tire Static Load Radius	10.00 inches, approx.
Load Capacity	5,000 lbs
Wheel Kit Weight	1130 lbs
Parking Brake Arrangement	4-wheel mechanical hand lever
Brake Assembly	7 x 1-3/4 inches
Turning Angle	40 degrees max.
Wheel Base	61.50 inches
Toe-in	0 to 1/8 inches
Track	60.00 inches
Axle Load Centers	31.19 inches
Ground Clearance	7-3/8 inches at the center pin
Drawbar Length	33.5 inches
Towing Speed	5 miles per hour max.
Paint Primer Coat	MIL-P-23377
Paint Top Coat	FS 33446 (Desert Tan)
Overall Length, tow bar up	122 inches, approx.
Overall Length, tow bar down	133 inches, approx.
Overall Width	72 inches, approx.
Overall Height (No Load), top to tire	27-7/16 inches, approx.