

**Unit Model:** XLPCR60CA-CBHF

**Application:** Temperature and Humidity Control of Spacecraft Processing Facilities

**Unit Type:** Portable Room Air Conditioner

**Key Features:**

- Heavy Duty Steel Cabinet
- Designed to Operate in High Ambient Temperatures of up to 125°F
- Designed to Operate with Environment-Friendly Refrigerant R-410a.
- High-Efficiency Lanced Aluminum, Rifled Copper Tubing Evaporator and Condenser Coils
- High-Efficiency Scroll Compressor
- Automatic Evaporator Bypass for Constant Run Compressor Operation
- High Static Pressure Blower with Variable Air Flow Control
- Six (6) Supply Air Duct Takeoffs with Manually Adjustable Dampers
- Electric Reheat for Humidity Control
- Electronic Expansion Valves
- Digital Phase Monitor (for Monitoring Phase Reversal, Phase Loss, Phase Imbalance, Over/Under Voltage Faults)
- Electronic Temperature and Humidity Controls
- Heavy Duty Watertight IEC Pin and Sleeve AC Power Inlet
- Emergency Stop/Reset Push-Button
- System Power Shutdown Relay for Fire Protection
- Visual and Audible Alarms for Air Flow Loss, Condensate Liquide Overflow and Low Supply Temperature Faults
- Evaporator Supply Air and Condenser Exhaust Air HEPA Filters
- AC Line EMI/RFI Noise Suppression Filter
- Permanent Washable Air Filters (Evaporator and Condenser Air Intake)
- Externally Accessible Servicing Ports and Refrigerant Sight Glass
- Heavy Duty Condenser Pump with 25-ft Condensate Drain Line
- Integrated Forklift Pockets
- Heavy Duty Casters (Two Fixed and Two Swivel with Brakes)
- Durable Powder Coat Finish

**Unit Specifications\*:**

<b>PERFORMANCE</b>	
Cooling Capacity (BTU/Hr)	60,800
Heating Capacity (BTU/Hr)	n/a
Operating Conditions (°F)	55 to 105
Evaporator Supply Air / Condenser Exhaust Air Flow Rates (CFM)	2800 / 3500
Compressor Operating Mode	Constant Run
<b>ELECTRICAL</b>	
Voltage (VAC) ±10%	208-230
Phase - Frequency (Hz)	3 - 60
Maximum Nominal Currents - Cooling / Reheat (A)	48 / 63.6
Maximum Nominal Power Consumption - Cooling / Reheat (kW)	15.3 / 20.2
Circuit Breaker/Fuses Size (A) / Supply Power Cable Size (AWG)	80 / 4
<b>PHYSICAL CHARACTERISTICS</b>	
Dimensions, H x W x D (in) / Weight (Lbs)	103.6 x 46 x 60.5 / 1298
Fan Type, Evaporator	Direct Drive, Reverse-Inclined Impeller
Fan Type, Condenser	Direct Drive, Forward-Inclined Centrifugal
Evaporator Supply Air Duct Takeoff Dia. (in)	6
Evaporator Return Air Duct Takeoff Dia. (in)	n/a
<b>REFRIGERANT</b>	
Type	R-410a

\*All specifications are subject to change without notice.