

**Unit Model:** SL60CA-P

**Application:** Precision Temperature and Humidity Control of Process Enclosures

**Unit Type:** Portable Room Air Conditioner

**Key Features:**

- Heavy Duty Steel Cabinet
- Designed to Operate in Ambient Temperatures of up to 125°F
- Low Ambient Control for Operations in Ambient Temperatures lower than 50°F
- Designed to Operate with Environment-Friendly Refrigerant R-407c.
- High-Efficiency Lanced Aluminum, Rifled Copper Tubing Evaporator and Condenser Coils
- High-Efficiency Scroll Compressor
- Automatic Evaporator Bypass for Constant Run Compressor Operation
- High Efficiency Blower with Variable Air Flow Control
- Specialized Supply Air Mixing Plenum (to Achieve Reheat for Humidity Control)
- Electronically Actuated Condenser Exhaust Air Damper
- Electronic Expansion Valves
- Electronic Temperature and Humidity Controls
- Provisions for Connecting External Control System and Temperature Sensors
- AC Line EMI/RFI Noise Suppression Filters
- Permanent Washable Air Filters (Evaporator and Condenser Air Intake)
- Externally Accessible Servicing Ports and Refrigerant Sight Glass
- Heavy Duty Condenser Pump
- Heavy Duty Casters
- Durable Powder Coat Finish

**Unit Specifications\*:**

<b>PERFORMANCE</b>	
Cooling Capacity (BTU/Hr)	68,000
Heating Capacity (BTU/Hr)	n/a
Operating Conditions (°F)	55 to 120
Evaporator Supply Air / Condenser Exhaust Air Flow Rates (CFM)	2200 / 3300
Compressor Operating Mode	Constant Run
<b>ELECTRICAL</b>	
Voltage (VAC) ±10%	230
Phase - Frequency (Hz)	3 - 60
Maximum Nominal Currents - Cooling (A)	33.9
Maximum Nominal Power Consumption - Cooling	10.8
Circuit Breaker/Fuses Size (A) / Supply Power Cable Size (AWG)	63 / 6
<b>PHYSICAL CHARACTERISTICS</b>	
Dimensions, H x W x D (in) / Weight (Lbs)	94.50 x 46.5 x 36 / 980
Fan Type, Evaporator	Direct Drive, Reverse-Inclined Impeller
Fan Type, Condenser	Belt Drive, Forward-Inclined Centrifugal
Evaporator Supply Air Duct Takeoff Dia. (in)	16
Evaporator Return Air Duct Takeoff Dia. (in)	n/a
Condenser Exhaust Air Duct Takeoff Dia. (in)	16
<b>REFRIGERANT</b>	
Type	R-407c

\*All specifications are subject to change without notice.