

Water-Cooled Rack-Mount



LB11WC
 4000 BTU/Hr.
 1172 Watt

Industry Standards

UL/cUL Listed; Type 12; File No. SA6453 UR/cUR Recognized
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UR/cUR Recognized on select models, reference performance data tables.

CE
 GOST

Application

- Industrial automation
- Package handling equipment
- Food and beverage
- Wastewater treatment
- Security and defense systems
- Pulp and paper
- And more

Features

- Robust reciprocating compressor
- R134a earth-friendly refrigerant
- Models for 115 and 230 VAC power input
- UL Listed or Recognized to save customers time and money with agency approvals
- Operating temperature range from 50 F/10 C to 125 F/52 C
- Reliable mechanical thermostat located behind the front panel of the unit
- Low-carbon mild-steel sheet-metal cover for rugged factory and outdoor environments

- Easy-mount flanges for simple installation
- Mounting hardware, gaskets and user manual furnished with the unit
- Every unit functionally tested before shipping
- Heat is removed from the system by means of the water cooling the refrigerant; no external air movers or condenser coils to get clogged
- Maximum water usage of 2 GPM at 90 F water intake temperature
- Standard Indoor Air Conditioner models also include:
 - Electro-Mechanical Thermostat
 - Surge Suppressor

Finish

- RAL 7042 gray, semi-gloss powder-coat paint standard
- Stainless steel Type 304 or 316 finishes available on Type 4X models
- Other colors and textures available

Options

- Thermostat Malfunction Package
- Special Voltage Package
- Active Condensate Evaporator Package
- Harsh Environment Package*
- Stainless Steel Package*
 - * Consult the factory for availability and catalog number.

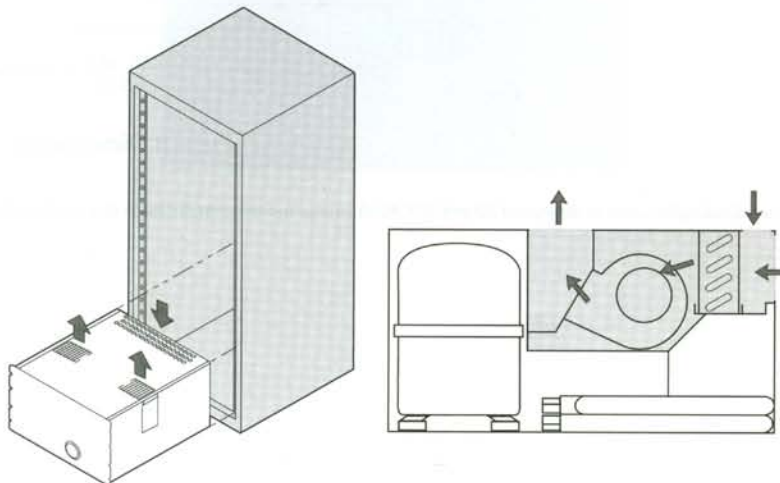
Notes

Visit www.McLeanCoolingTech.com to download 2D and 3D CAD drawings into the overall design of your electronic system.

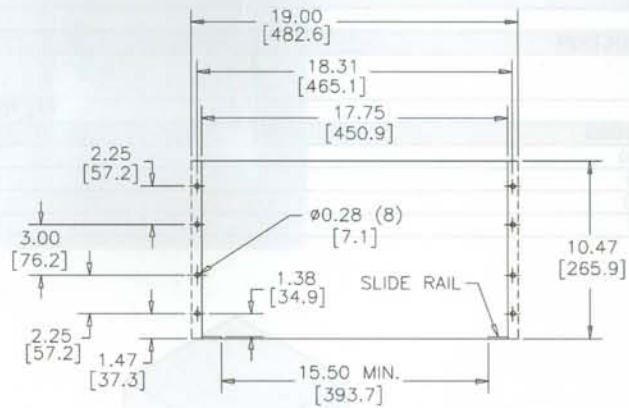
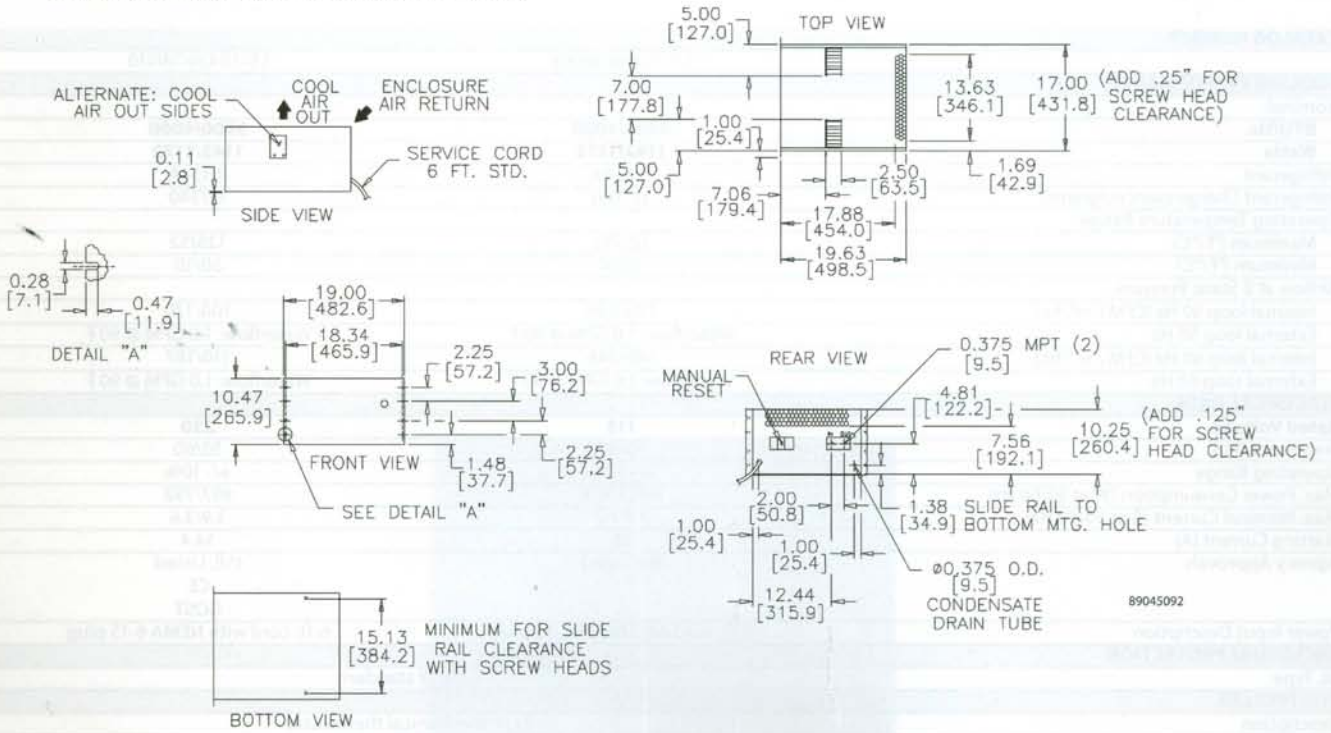
Air Conditioners

Performance Data **LB11WC Models 4000 BTU/Hr (1172 Watt)**

CATALOG NUMBER		
	LB110416GW008	LB110426GW010
COOLING PERFORMANCE		
Nominal:		
BTU/Hr.	3900/4000	3900/4000
Watts	1142/1172	1142/1172
Refrigerant	R-134A	R-134A
Refrigerant Charge (ounces/grams)	12/340	12/340
Operating Temperature Range:		
Maximum (°F/°C)	125/52	125/52
Minimum (°F/°C)	50/10	50/10
Airflow at 0 Static Pressure:		
Internal loop 50 Hz (CFM / m ³ /hr.)	135/229	100/170
External loop 50 Hz	Waterflow: 1.0 GPM @ 90 F	Waterflow: 1.0 GPM @ 90 F
Internal loop 60 Hz (CFM / m ³ /hr.)	145/246	110/187
External loop 60 Hz	Waterflow: 1.0 GPM @ 90 F	Waterflow: 1.0 GPM @ 90 F
ELECTRICAL DATA		
Rated Voltage	115	230
Frequency (Hz)	50/60	50/60
Operating Range	+/- 10%	+/- 10%
Max. Power Consumption (W at 50/60 Hz)	885.5/828	897/792
Max. Nominal Current (A at 50/60 Hz)	7.7/7.2	3.9/3.6
Starting Current (A)	28	14.4
Agency Approvals	Not listed	cUL Listed CE GOST
Power Input Description	6-ft. cord with NEMA 5-15 plug	6-ft. cord with NEMA 6-15 plug
ENCLOSURE PROTECTION		
UL Type	Type 12 standard	
CONTROLLER		
Description	Basic mechanical thermostat	
Thermostat Location	Behind front cover	
Factory Thermostat Setting (°F/°C)	80/27	
SOUND LEVEL		
At 1.5 Meters	61 dB(A)	
UNIT CONSTRUCTION		
Material	Mild steel sheet metal standard Stainless steel optional	
Finish	RAL 7042 gray, semi-gloss powder-coat paint standard	
UNIT DIMENSIONS		
Height (in./mm)	10.47/266	
Width (in./mm)	19/483	
Depth (in./mm)	19.63/499	
Weight (lb./kg)	110/50	



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Cutout Dimensions