

MODEL CACU

AIR-COOLED CONDENSING UNIT

CAPACITY FROM 80,000 TO 150,000 BTUH

FEATURES

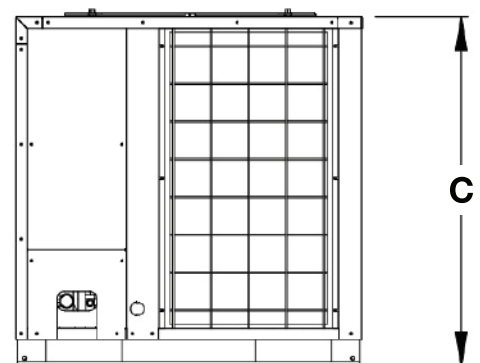
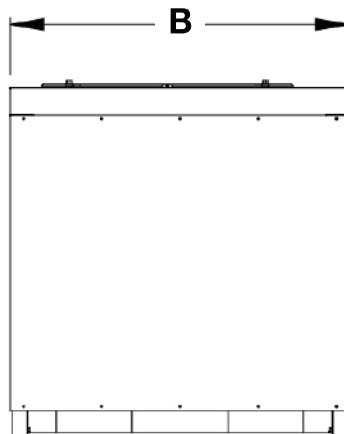
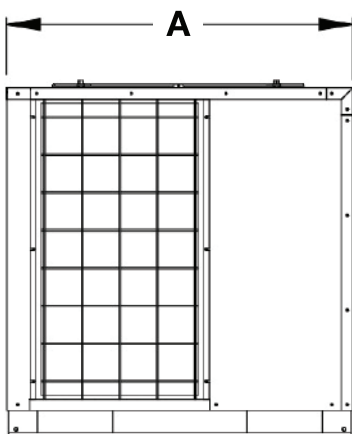
- Compact size and easy installation.
- Flexible air discharge configuration - Vertical (Standard) or Horizontal (On-site swoped).
- High efficiency hermetic scroll compressor.
- Direct drive condenser fan.
- High and low pressure switches for protection of valuable equipment
- R-410a Refrigerant



Vertical (Standard)



Horizontal



UNI-Aire[®]
Air Conditioning Experts

MODEL	DIMENSIONS		
	A	B	C
CACU-008A	920	900	925
CACU-009A	920	900	925
CACU-010A	920	900	925
CACU-012A	1,090	1,050	1,228
CACU-015A	1,188	1,095	1,228

SPECIFICATIONS

STANDARD ACCESSORIES

UNIT CASING

- Flexible air discharge configuration - Vertical (Standard) or Horizontal
- Constructed of zinc-coated heavy-gauge.

Galvanized steel.

- Powder coated for protection against rust.

COMPRESSOR

- Hermetic scroll compressor.
- All compressor are mounted on vibration isolators.

AIR COOLED CONDENSER

- Seamless copper tubes, mechanically expanded into aluminum fins with full height collars.
- Leak tested at 600 psig from factory.
- Dynamically and statically balanced, direct-drive fan

REFRIGERATION PARTS

- Ball valves for suction line and liquid line

ELECTRICAL PARTS

- Magnetic contactor for fan motor.
- Magnetic contactor for compressor.
- High-Low pressure switches

PHYSICAL DATA

SPECIFICATION MODEL : CACU

Condensing Unit	Model	CACU-008A	CACU-009A	CACU-010A	CACU-012A	CACU-015A
*Nominal Capacity	BTU/Hr	80,000	90,000	100,000	120,000	150,000
Power Consumption	kW	7.64	8.69	8.65	12.57	14.97
Rated Current	Amp.	13.6	15.5	17.8	22.1	28.6
Power Supply	V/Ph/Hz	380 / 3 /50				
Compressor	Type	Scroll				
Refrigerant	Type	R410A (Holding Charge)				
Condenser	Type	Plate Fin Coil				
	Material	Aluminium Corrugated Fin with Inner Grooved Copper Tube				
Fan	Type	Propeller (Horizontal Air Flow / Vertical Air Flow)				
Pipe Connection	Suction Line	Inch (OD)	1-1/8		1-3/8	
	Liquid Line	Inch (OD)	5/8			
Dimension	Width	mm.	920		1,090	1,188
	Hight	mm.	925		1,128	1,228
	Depth	mm.	900		1,050	1,095
Weight	Kg.	124	131	137	175	198

*Nominal capacity based on 45° F suction temp. and 95° F ambient temp.

ELECTRICAL DATA

Condensing Unit Model	CACU-008A	CACU-009A	CACU-010A	CACU-012A	CACU-015A	
COMPRESSOR	Q'Ty	1				
	V / Ph / Hz	380 / 3 / 50				
	Power Input (Watt)	6,790	7,840	7,800	11,097	13,497
	FLA. (Amp.)	12.40	14.30	16.60	20.87	27.37
	LRA. (Amp.)	101	128	139	153	174
FAN MOTOR	Q'Ty	1				
	V / Ph / Hz	380 / 3 / 50				
	Power Input (Watt)	850			1,470	
	FLA. (Amp.)	1.20			1.23	

FLA = Full Load Amp.

LRA = Locked Rotor Amp



ISO 9001
ISO 14001
ISO 45001
ISO 14064-1



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