

MODEL CACU

AIR COOLED CONDENSING UNIT CAPACITY FROM 80,000 TO 150,000 BTUH

FEATURES

- Compact size and easy installation
- Flexible air discharge configuration - Vertically(Standard) or Horizontally(On-side swopped)
- High efficiency hermetic scroll compressor
- Direct drive condenser fan
- High and low pressure switches for protection standard on all units
- R-410a(Standard), R-407c (Option) or R-22 (Option) refrigerant

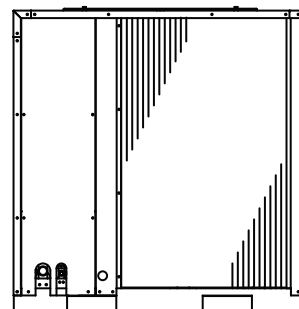
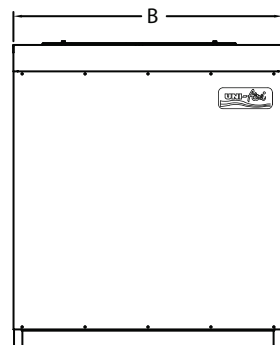
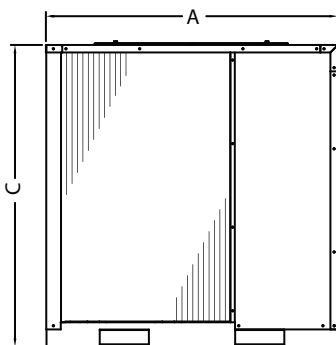


Vertical (Standard)



Horizontal

MODEL CACU 007-015



MODEL	LENGTH (A)	WIDTH (B)	HEIGHT (C)
CACU 007-010 (mm.)	920	900	925
CACU 012 (mm.)	1090	1050	1128
CACU 015 (mm.)	1188	1095	1228

SPECIFICATIONS AND STANDARD ACCESSORIES

UNIT CASING

- Flexible air discharge configuration - Vertically (Standard) or Horizontally
- Constructed of zinc coated heavy gauge, Galvanized steel
- Powder-coated for protection against rust

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 PART

- Service Valves for Suction and Liquid line (CACU 007-012)
- Ball Valve for Suction line (CACU-015)

COMPRESSOR

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

ELECTRICAL PART

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

PHYSICAL DATA

MODEL	CACU	007	009	010	012	015
NOMINAL CAPACITY *	MBH.	80	90	100	120	150
Power Supply	Volt / Phase / Hz	380 / 3 / 50				
Power Consumption	Kw	7.02	7.96	9.17	11.64	13.77
COMPRESSOR	Type	Hermetic (Scroll)				
Circuit		1				
CONDENSER COIL	Type	Aluminium Corrugated Fin With Inner Groove Copper Tube				
Rows...FPI		2...16		3...14	2...16	3...12
Tube Size	(Inch.)	3/8				
CONDENSER FAN & MOTOR	Type	Propeller Fan : Vertical or Horizontal Discharge : Direct Drive				
Number		1				
Motor	(HP.)	3/4			1	
RPM.		900				
REFRIGERANT **		R-410a (Option R-407c or R-22)				
Charge		Holding (Refrigerant)				
CONNECTIONS						
Suction	(Inch.)	1-1/8	1-1/8	1-3/8		
Liquid	(Inch.)	5/8				
DIMENSIONAL						
Length (A)	(mm.)	920			1090	1188
Width (B)	(mm.)	900			1050	1095
	(mm.)	925			1128	1228
WEIGHT	Operation (kgs)	124	131	137	175	198

* Nominal capacity based on 45F suction temp. and 95 F Ambient Temp (1 MBH. = 1,000 BTUH.)

** Unit supplied from factory only 2 kg. for pre - charged

ELECTRICAL DATA

MODEL	CACU	007	009	010	012	015
COMPRESSOR	Q'ty	1				
	V / PH / Hz	380 / 3 / 50				
	Power Input (Watt)	6,170	7,110	8,320	10,170	12,300
	FLA. (Amp.)	11.0	13.6	16.0	18.4	23.3
	LRA. (Amp.)	101	128	139	153	174
FAN MOTOR	Q'ty	1				
	Power Input (Watt)	850			1,470	
	V / PH / Hz	380 / 3 / 50				
	FLA. (Amp.)	1.20			1.23	

FLA = Full load Amp.

LRA = Locked Rotor Amp.

Specifications are subjected to change without notice for future improvement.



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