

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 swoped).
- High efficiency hermetic scroll compressor.
- Direct drive condenser fan.
- High and low pressure switches for protection of valuable equipment and standard on all units.
- Refrigerant are R-22(Standard), R-407c (Option) or R-410a (Option).

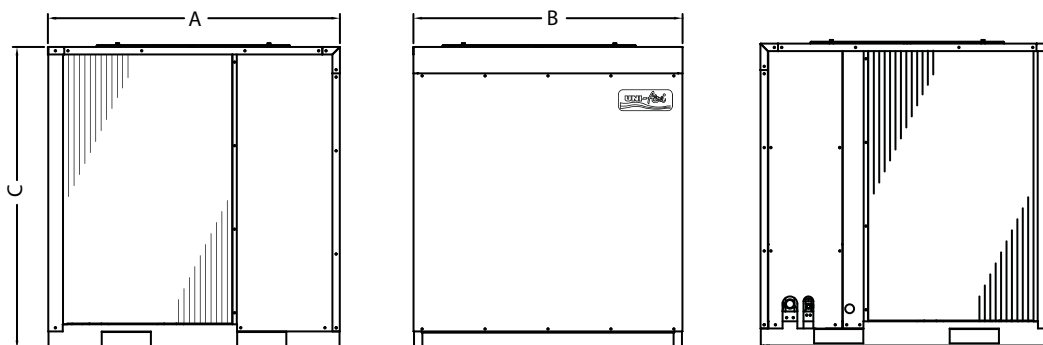


Vertical (Standard)



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

GUIDE SPECIFICATION

THE CACU IS AIR COOLED CONDENSING UNITS.

STANDARD ACCESSORIES

UNIT CASING

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

AIR COOLED CONDENSER

- Seamless copper tubes, Mechanically expanded into aluminum fins with full height collars.
- Leak tested at 350 psig from factory.
- Fan shall be dynamically and statically balanced, Direct drive.

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 PARTS

- Magnetic contactor for fan motor.
- Magnetic contactor for 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	7.39	8.67	9.81	12.27	15.10
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 - 22 (Option R-407c or R-410a)				
Charge		Holding(2 kg.)				
CONNECTIONS						
Suction	(Inch.)	1-1/8	1-3/8			1-5/8
Liquid	(Inch.)	5/8				
DIMENSIONAL						
Length (A)	(mm.)	920			1090	1188
Width (B)	(mm.)	900			1050	1095
	(mm.)	925			1128	1228
WEIGHT	Operation (kgs)	155	163	168	200	235

* 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)	6,542	7,821	8,957	10,800	13,622
	FLA. (Amp.)	12.1	14.3	20.7	22.9	27.3
	LRA. (Amp.)	98	130	130	145	175
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.



Manufactured by : UNITED TECHNOLOGY DEVELOPEMENT CO.,LTD.

Distributed by: UNI-AIRE CORPORATION CO., LTD.

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