

HORIZONTAL



AIR COOLED CONDENSING UNIT

VERTICAL (STANDARD)

Features/Benefits

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The PNSA-C-CU unit has a compact design that is up to 30% smaller than earlier air-cooled chillers. The compact footprint can yield substantial installation savings by requiring less structural steel, concrete, security fencing or architectural screening. The PNSA-C-CU unit is delivered as a complete package for easy installation. A quick start-up is assured once installation is complete, since each PNSA-C-CU unit is manufactured at an ISO 9002 listed manufacturing facility to ensure quality In addition, all units are factory run tested under full load to provide reliable start-up.



UNIT CASING

- Flexible air discharge configuration Vertically (Standard) or Horizontally
- Constructed of zinc coated heavy gauge, Galvanized steel.
- Power coating 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 or copper fins with full height collars.
- Leak tested at 350 psig from factory.
- Fan shall be dynamically and statically

			•	IIIJICAL						
MODEL: PNSA-C-CU			007	009	010	012	015			
Nominal Cooling Capacity		BTUH	80,000	90,700	100,000	120,000	150,000			
		Tons	6.67	7.56	9.58	10.38	12.83			
		кwн	23.4	26.6	33.7	36.5	45.1			
Power Input		KW	7.39	8.67	9.81	12.27	15.10			
Rated Voltage				380V / 3P / 50Hz - 440V / 3P / 60Hz						
Compressor Type			Hermetic Scroll x 1							
Condenser Coil	Type//	Material	Alumini	Aluminium / Copper Corrugated Fin With Inner Groove Copper Tube						
	RowsFins/In		2	16	314	216	16 312			
	Tube S	Size (in)			3/8					
Condenser Fan	Ту	/ре	Prop	Propeller Fan : Vertical / Horizontal Discharge : Direct drive						
	Rpm.		900							
	Qty./Unit				1					
	мото	R (H.P.)		3/4			1			
Refrigerant	Ту	/ре	R-22 (R-407C OR R-410A ON REQUEST ONLY)							
Kenngerant	Ch	arge	Holding (2 KG)							
Connections	(Ea	ach)								
Suction	(i	n.)	1-1/8		1-3/8		1-5/8			
Liquid	(i	n.)		1	5/8					
Weight Operation	(K	gs.)	155	163	168	200	235			

PHYSICAL DATA & ELECTRICAL DATA

Note:

Nominal capacity based on 7.2 deg. C section temperature and 35 deg. C ambient temperature

Unit supplied from factory only 2kg of pre charged

EDITION 11

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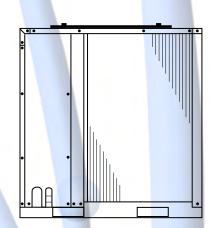
ELECTRICAL DATA

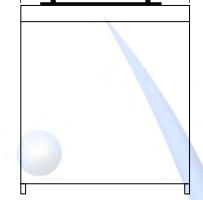
MODEL : PNSA-C-CU	007	009	010	012	015		
Compressor							
Voltage / Phase / Hz	380V / 3P / 50Hz - 440V / 3P / 60Hz						
Qty.			1				
Power Input (KW)	6,542	7,821	8,957	10,800	13,622		
FLA. (Amp.)	12.1	14.3	20.7	22.9	27.3		
LRA. (Amp.)	98	130 145		145	175		
Fan Motor (Each)		-					
Voltage / Phase / Hz	380V / 3P / 50Hz - 440V / 3P / 60Hz						
Qty.	1						
Power Input (KW)	850			1	,470		
FLA. (Amp.)	1.2				1.23		

DIMENSIONAL DATA

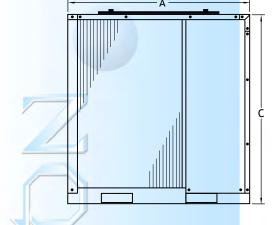
MODEL : PNSA-C-CU		007	009	010		012	015
Dimension (mm)							
Length	Α		920			1090	1188
Width	В		900			1050	1095
Heigth	С		925		A	1128	1228

DIMENSIONAL DRAWING





В



SPECIFICATIONS AND DESIGN ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE.