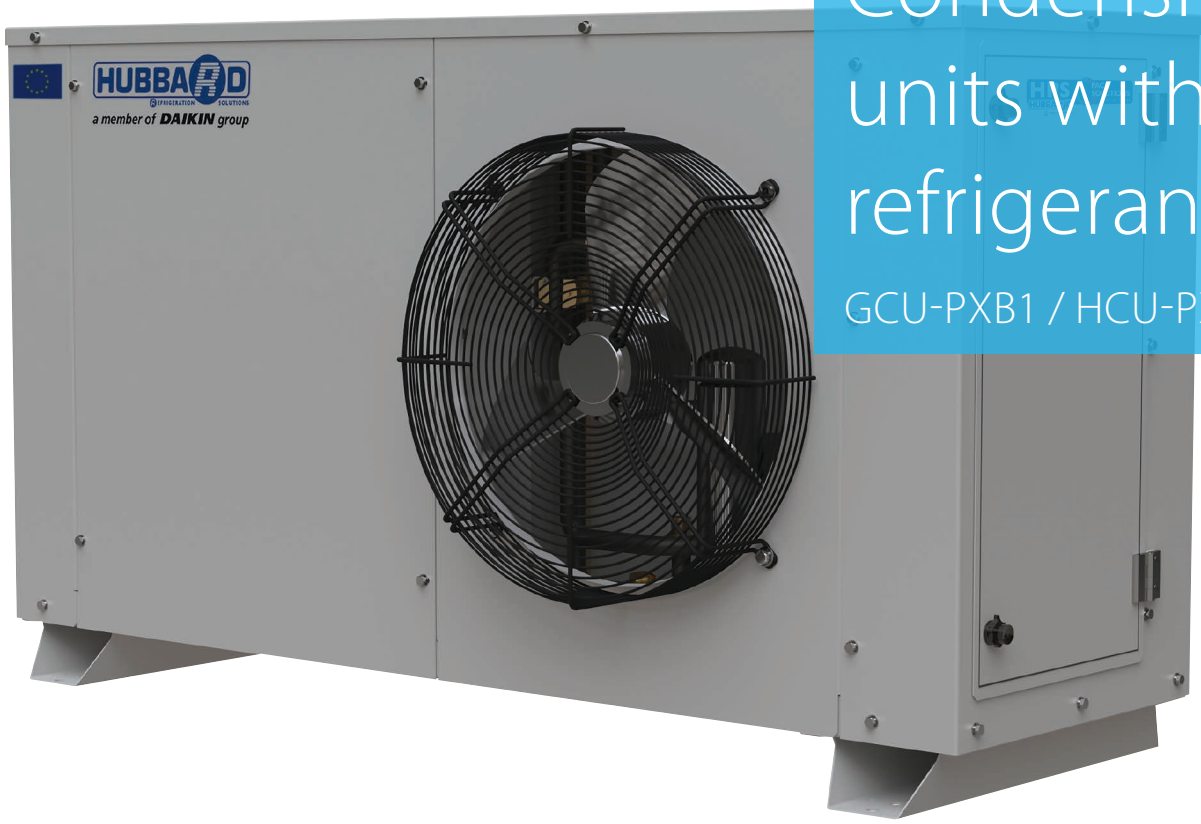
Hubbard Condensing units with CO2 refrigerant

GCU-PXB1 / HCU-PXB1



Hubbard CO2 condensing unit with Hermetic rotary compressor is an "off the shelf" solution specifically designed to meet refrigeration requirements of small capacity medium / low temperature applications

- Transcritical CO2 Commercial Condensing Units
- Wide range of capacities: 2 to 10HP MT
- Designed for quiet and energy-saving operation
- Inverter technology reduces energy consumption by up to 30%
- EC fans work efficiently and quietly
- Easy and flexible installation
- Designed as plug & play solutions
- Designed & developed with robust materials & components from recognised, reputable manufactures. Naturally, ensuring quality & reliability for your cooling solutions
- CO2 Condensing Units are highly reliable & efficient and offer a true peace-of-mind solution
- Two-stage compression rotary machines are designed to compress the refrigerant twice, significantly reducing load during operation compared to single stage machines

GCU-PXB1 / HCU-PXB1

2020_2040

				GCU/HCU	GCU2020PXB1	GCU2040PXB1	GCU4070PXB1	HCU2040PXB1	HCU4070PXB1
Connectable capacity	Minimum~Maximum			%	50 ~100				
Refrigerating capacity	Low temperature	Nom.		kW	-			3.03	6.56
	Medium temperature	Nom.		kW	3.39	6.50	12.54	-	
Power input	Low temperature	Nom.		kW	-			3.79	7.05
	Medium temperature	Nom.		kW	1.81	3.81	7.99	-	
COP	Medium temperature	Nom.			1.87	1.70	1.57	-	
	Low temperature	Nom.			-			0.80	0.93
Dimensions	Unit	HeightxWidthxDepth		mm	799 x574 x1,452		1,438 x773 x1,684	799 x574 x1,452	1,438 x773 x1,684
Weight	Unit			kg	151	155	285	161	300
Heat exchanger	Type				Standard Cu-Al.				
Compressor	Type				2 stage rotary				
	Output			W	1,600	3,000	7,500	3,000	7,500
	Piston displacement			m^3/h	4.50	8.00	20.80	8.00	20.80
	Speed			rpm	4,200	4,800	3,600	4,800	3,600
	Starting method				Inverter driven				
Fan	Type				Axial				
	Quantity				1		2	1	2
	Air flow rate	Cooling	Nom.	m^3/min	63		126	63	126
Fan motor	Output			W	115		230	115	230
	Drive				EC				
Fan motor 2	Output			W	115		230	115	230
Sound pressure level	Nom.			dBA	60	65	68	65	68
Piping connections	Liquid line connection			inch	3/8"		1/2"	3/8"	1/2"
	Suction line connection			inch	3/8"	1/2"			
	Liquid	OD		mm	9.525		12.7	9.525	12.7
	Gas	OD		mm	9.525	12.7			
Refrigerant	Type/GWP				R744 (CO2)/1	-/-			
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50 /400	-/-/-			

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