



iPack condensing unit for commercial refrigeration



Inverter



Scroll
Compressor

Cooling solution for medium and large capacities

- Wide operating range with a single model – suitable for evaporating temperatures from -40°C to $+5^{\circ}\text{C}$
- An ideal choice for both refrigeration and deep-freezing needs under varying load conditions, offering excellent energy efficiency. Commonly applied in supermarkets, cold rooms, rapid cooling systems, and freezer applications

R448A-R449A iPack



Single



Single



Tandem

iPACK			iPack9	iPack13	iPack17	iPack21	iPack26	iPack33	iPack47
Refrigerating Capacity (Maximum)	Medium Temp.	kW	8,7	12,3	17,3	21,00	26,04	***	****
	Low Temp.	kW	3,3	4,7	6,8	8,7	10,83	-	-
Power Input	Medium Temp.	kW	4,8	5,6	7,5	9,7	11,6	-	-
	Low Temp.	kW	4,4	5,1	6,4	8,8	10,23	-	-
COP	Te -10°C		1,81	2,2	2,3	2,1	2,3	-	-
	Te -30°C		0,75	0,92	1,06	0,98	1,05	-	-
Dimensions	Height	mm	1887						
	Width	mm	810						
	Depth	mm	810						
Weight	kg		252	252	254	290	290	290+252	290+290
Heat Exchanger			Microchannel Condenser						
Compressor 1	Type		Inverter Scroll						
	Output	W	5900*	8300*	11700*	8300*	11736*	-	-
	Piston Displacement	cm ³ /rev	47	64	90	64	90	-	-
	Speed	rps	30-90	30-90	30-90	30-90	30-90	-	-
Starting Method		-	Direct on line (inverter driven)						
Compressor 2	Type		-	-	-	Fixed Scroll			
	Output	W	-	-	-	8700**	8700**	-	-
	Piston Displacement	m ³ /h	-	-	-	83	83	-	-
	Hz	-	-	-	-	50	50	-	-
Starting Method			Direct on line						
Fan	Type		Axial Fan						
	Quantity		1						
	Air Flow Rate	m ³ /h	7800	12,565					
	Diameter	Ø	500	630					
Fan Motor	Output	W	680	565					
	Drive		Direct on line (inverter driven)						
Sound Pressure Level	Nom.	dBA	67	67	67	67±10	67±10	67±10	67±10
Operation Range	Evaporation		-40~5°C						
Refrigerant	Type		R-448A						
	GWP		1.387						
	Charge	kg	8,2	11,71	16,47	18,6	23,42	-	-
Power Supply	Phase/Frequency/Voltage	Hz/V	3Ph~/50/380-415						

* At 60rps rotate speed

**At 50Hz rotate speed

***It is recommended to use the iPack 13 and iPack 21 models together for the iPack 33kw.

****It is recommended to use the iPack 21 and iPack 26 models together for the iPack 47kw.



/ibscoolingsystem

/ibssogutma



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