

STANDARD SPECIFICATION

PACKAGE WATER COOLED CHILLER

Model :	IN-PWCW	70	80	90	100	120	130	150	180-2C	200-2C	240-2C	260-2C	300-2C	
Nominal Cooling Capacity	Btu/h	66,875	78,476	88,712	104,407	117,714	129,656	153,881	177,424	208,814	235,428	259,312	307,762	
	Kw	19.6	23.0	26.0	30.6	34.5	38.0	45.1	52.0	61.2	69.0	76.0	90.2	
Power Consumption	KW	4.30	4.90	5.50	6.50	7.50	8.40	10.10	11.00	13.00	15.00	16.80	20.20	
	KW / TON	0.77	0.75	0.74	0.75	0.76	0.78	0.79	0.74	0.75	0.76	0.78	0.79	
	COP.	4.56	4.69	4.73	4.71	4.60	4.52	4.47	4.73	4.71	4.60	4.52	4.47	
	Max. Total Amp.	13.00	15.60	17.50	19.60	22.30	31.00	40.10	35.00	39.20	44.60	62.00	80.20	
Compressor	Type	Scroll												
	V. / PH. / Hz.	380 / 3 / 50												
	Kw. (Input)	4.3	4.9	5.5	6.5	7.5	8.4	10.1	11.0	13.0	15.0	16.8	20.2	
	RLA.	13.0	15.6	17.5	19.6	22.3	31.0	40.1	35.0	39.2	44.6	62.0	80.2	
	QTY.	1						2						
Condenser	Type	Shell & Tube												
	Water in/out temp. (°C)	32 / 37												
	Water flow rate (GPM.)	18.58	21.80	24.64	29.00	32.70	36.02	42.74	49.28	58.00	65.40	72.03	85.49	
	Water connection in/out (inch.)	1-1/2				2				2-1/2				
Evaporator	Type	Shell & Tube												
	Water in/out temp. (°C)	12 / 7												
	Water flow rate (GPM.)	14.86	17.44	19.71	23.20	26.16	28.81	34.20	39.43	46.40	52.32	57.62	68.39	
	Water connection in/out (inch.)	1-1/2				2				2-1/2				
Refrigerant	Type	R-22												
	Kgs.	5.0	5.9	6.7	7.8	8.8	9.7	11.5	13.3	15.7	17.7	19.4	23.1	
	Charge	Holding charged												
Dimension	Width	900		1000		1200		1300		1450		1550		
	Height	1270		1370				1400		1370		1480		1510
	Depth	310						360						
Operation Weight	Kgs.	270	285	335	340	375	410	415	520	525	565	655	660	

SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE FOR FURTHER IMPROVEMENT.

NOTE:-

- Nominal Cooling Capacity Based 38 °F Suction temp. and 104 °F Condensing temp.,

- Fouling Factor 0.0005 Ft² .h. °F/Btu