

AIR COOLED CHILLER

CAPACITY 15-60 TONS



**MODEL SK/ACH-040-060
(40-60 TONS)**



**MODEL SK/ACH-015-030
(15-30 TONS)**



**Controlled by PLC
(Programmable Logic Controller)**



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PHYSICAL DATA & ELECTRICAL DATA

MODEL		SK/ACH-015	SK/ACH-020	SK/ACH-025	SK/ACH-030	SK/ACH-040	SK/ACH-050	SK/ACH-060
COOLING CAPACITY BTU/H(Tons)		200000 (15)	280000 (20)	320000 (25)	400000 (30)	550000 (40)	615000 (50)	720000 (60)
COMPRESSOR	Type	SEMI-HERMATIC						
	Capacity Step %	0/66/100	0/66/100	0/66/100	0/66/100	0/33/50/83/100	0/33/50/83/100	0/33/50/83/100
	Qty./ Unit	1			2			
	V / PH / Hz	380 / 3 / 50						
	RLA (Amp.)	37.3	48.9	53.4	78.2	2..48.9	2..53.4	2..78.2
LRA (Amp.)	104/173	104/223	152/253	175/345	2..134/223	2..152/253	2..175/345	
REFRIGERANT		R - 22 / R - 407						
CONDENSER	Type/material	ALUMINIUM CORRUGATE FIN / PRECOATED WITH INNERGROOVED COPPER TUBE						
	ROW_FIN/INCH	2..15	3..15	3..15	3..15	3..15	3..15	3..15
	FACE AREA	42.94	42.94	54.00	54.00	73.23	73.23	73.23
FAN MOTOR	Type	PROPELLER FAN : VERTICAL DISCHARGE : DIRECT DRIVE						
	Diameter (inch)	2..32	2..32	2..32	2..32	3..32	3..32	3..32
	Each Motor (HP)	2	2	2	2	2	2	2
	AIR FLOW cfm	20000	21200	23200	23200	33000	33000	33000
	V / PH / Hz	380 / 3 / 50						
CONTROLLER		CONTROLLED BY PLC (PROGRAMMABLE LOGIC CONTROLLER)						
WATER CHILLER								
Qty./Unit		1	1	1	1	1	1	1
No. OF Circuits		1	1	1	1	2	2	2
Chilled Water Flow Rate (GPM (m ³ /h))		38 (8.63)	49 (11.12)	59 (13.39)	78 (17.71)	92 (22.03)	117 (26.57)	134 (30.43)
Temperature Control Range		7°C - 25°C						
Chilled Water Pressure Drop (Ft.WG)		4.6	5.5	4.3	5.6	6.2	9	11.4
Water Connection In / Out (inch)		2	2	2 1/2	3	3	3	3
DIMENSION (mm)	W	2210	2210	2210	2210	3337	3337	3337
	H	1980	1980	1980	1980	1980	1980	1980
	D	1617	1617	1617	1617	1617	1617	1617
Weight	Operation (Kgs)	825	922	1060	1125	1515	1740	1860

Note:-

** RLA = Rated Load Amp. ** LRA = Locked Rotor Amp.

** Nominal cooling capacity condition : chilled water in 12°C, out 7°C, Ambient temperature 35°C

** Specifications subject to change without notice.