

AIR COOLED CHILLER

CAPACITY 80-180 TONS



Controlled by PLC
(Programmable Logic Controller)



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PHYSICAL DATA & ELECTRICAL DATA

Model	SK/ACH-080	SK/ACH-100	SK/ACH-120	SK/ACH-140	SK/ACH-160	SK/ACH-180
Cooling Capacity BTU/H (Tons)	960000(80)	1200000(100)	1440000(120)	1680000(140)	1920000(160)	2160000(180)
COMPRESSOR	Scroll & Screw Compressor type					
Type	0/25/50/75/100					
Capacity Step %	2					
Qty./Unit	380/3/50					
V/PH/Hz	94/94					
RLA. (Amp)	125/125	147/147	147/147	94/171	203/203	203/230
LRA. (Amp)	802/802	888/888	888/888	607/861	1070/1070	1070/1434
REFRIGERANT	R-22/R-407					
Type/material	ALUMINIUM CORRUGATE FIN / PRECOATED WITH INNERGROOVED COPPER TUBE					
CONDESER	COIL ROW					
Type	3..15	3..15	3..15	3..15	3..15	3..15
Diameter (inch)	PROPELLAR FAN : VERTICAL DISCHARGE : DIRECT DRIVE					
Each Motor (HP.)	6..30"	8..30"	8..30"	10..30"	12..30"	14..30"
AIR FLOW cfm	2	2	2	2	2	2
V/PH/Hz	72000					
CONTROLLER	96000					
Qty./Unit	120000					
No.OF Circuits	380/3/50					
hilled Water Flow Rate (GPM(m3/h)	CONTROLLED BY PLC (PROGRAMMABLE LOGIC CONTROLLED)					
Temperature Control Range	1	1	1	1	1	1
hilled Water Pressure Drop (FT.WG)	2	2	2	2	2	2
Water Connection In/Out (inch)	189(42.9)	236(53.57)	283(64.24)	330(74.91)	401(91.02)	472(107.14)
W	7C-25C					
H	7.1	7.4	7.2	7.4	7.4	7.5
D	4.0"	4.0"	5.0"	5.0"	6.0"	6.0"
Operation (Kgs)	3312	4225	4225	5138	6051	6964
	2580	2580	2580	2580	2580	2580
	2882	2882	2882	2882	2882	2882
	48000	52000	55000	68000	72000	82000

NOTE:

**RLA=Rated Load Amp.

**LRA=Locked Rotor Amp.

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

**Specifications subject to change without notice