

# AIR COOLED CHILLER

**CAPACITY 20-30 TONS**

**STAINLESS STEEL 304**



**Controlled by  
Digital Controller**

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



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## PHYSICAL DATA & ELECTRICAL DATA

Model		SK/ACH-20S	SK/ACH-025S	SK/ACH-030S
Cooling Capacity BTU/H (Tons)		250000(20)	300000(25)	400000(30)
COMPRESSOR	Type	Scroll & Screw Compressor type		
	Capacity Step %	0/50/100	0/50/100	0/25/50/75/100
	Qty./Unit	←————— 1 —————→		
	V/PH/Hz	←————— 380/3/50 —————→		
	RLA. (Amp)	48.9	53.4	85
	LRA. (Amp)	104/223	152/253	219/438
REFRIGERANT		←————— R-22/R-407 —————→		
CONDESER	Type/material	ALUMINIUM CORRUGATE FIN / PRECOATED WITH INNERGROOVED COPPER TUBE		
	COIL ROW	3	3	3
	Tube size (inch)	←————— 3/8" —————→		
FAN MOTOR	Type	PROPELLAR FAN : VERTICAL DISCHARGE : DIRECT DRIVE		
	Diameter (inch)	28"	28"	28"
	Each Motor (HP.)	1	1	1
	V/PH/Hz	←————— 380/3/50 —————→		
CONTROLLER		CONTROLLED BY MICRO CONTROLLER & PLC (PROGRAMABLE LOGIC CONTROLLER)		
WATER CHILLER	No.OF Circuits	1	1	1
	Chilled Water Flow Rate (GPM(m3/h))	49(11.12)	59(13.39)	78(17.71)
	Temperature Control Range	←————— 7C-25C —————→		
	Chilled Water Pressure Drop (Ft.WG)	5	5	5
	Water Connection In/Out (inch)	2"	2"	2 1/2"
DIMENSION	W	1140	1140	1140
	H	1370	1370	1370
	D	2400	2400	2400
Weight	Operation (Kgs)	800	850	900

**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