

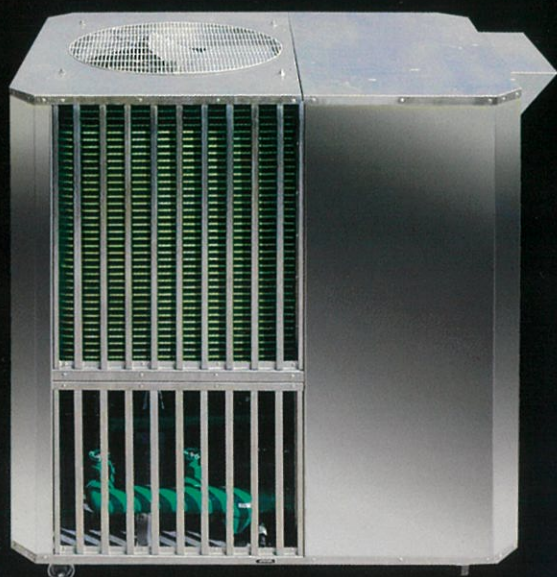
# "F" SERIES

PACKAGED AIR COOLED CHILLER

CAPACITY 6.5 - 15 TONS



SK/ACH-6.5F - 15F



Controlled by PLC  
( Programmable Logic Controller )



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## PHYSICAL DATA & ELECTRICAL DATA

MODEL	SK/ACH-6.5F	SK/ACH-8F	SK/ACH-10F	SK/ACH-12.5F	SK/ACH-15F	SK/ACH-6.5S	SK/ACH-8S	SK/ACH-10S	SK/ACH-12.5S	SK/ACH-15S	
<b>COOLING CAPACITY BTU/H(Tons)</b>	78000 (6.5)	96000 (8)	120000 (10)	150000 (12.5)	180000 (15)	78000 (6.5)	96000 (8)	120000 (10)	150000 (12.5)	180000 (15)	
<b>HOUSING</b>											
Type	STAINLESS STEEL 304										
HP.	FULLY HERMETIC SCROLL COMPRESSOR										
Qty./ Unit	1										
V / PH / Hz	380 / 3 / 50										
RLA.(Amp.)	12	17.3	19.6	27.2	29.4	12	17.3	19.6	27.2	29.4	
LRA.(Amp.)	101	114	125	198	225	101	114	125	198	225	
<b>REFRIGERANT</b>											
Type/material	R - 22 / R - 407										
<b>CONDENSER</b>											
COIL ROW	ALUMINIUM CORRUGATE FIN / PRECOATED WITH INNERGROOVED COPPER TUBE										
Tube Size (inch)	3/8"										
Type	PROPELLER FAN : VERTICAL DISCHARGE : DIRECT DRIVE										
Diameter (inch)	28"		30"			28"			30"		
Each Motor (HP)	1	1	1	2	2	1	1	1	2	2	
Rpm.	900	900	900	900	900	900	900	900	900	900	
V / PH / Hz	380 / 3 / 50										
<b>CONTROLLER</b>											
CONTROLLED BY PLC (PROGRAMMABLE LOGIC CONTROLLER)											
<b>WATER CHILLER</b>											
No. OF Circuits	1										
Chilled Water Flow Rate (GPM)	18.0	24.0	30.0	36.0	42.0	18.0	24.0	30.0	36.0	42.0	
Temperature Control Range	7°C - 25°C										
Chilled Water Pressure Drop (Ft.WG)	5	5	5	5	5	5	5	5	5	5	
Water Connection In / Out (inch)	1 1/4	1 1/4	1 1/4	1 1/2	1 1/2	1 1/4	1 1/4	1 1/4	1 1/2	1 1/2	
<b>WATER TANK</b>											
Housing	STAINLESS STEEL 304										
Capacity (litre)	150	150	150	150	150	150	150	150	150	150	
<b>WATER PUMP</b>											
Housing	STAINLESS STEEL 304										
(HP.)	1.2	1.2	1.2	1.5	2.0	1.2	1.2	1.2	1.5	2.0	
W	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	
H	1970	1970	1970	1970	1970	1140	1140	1140	1140	1140	
D	1140	1140	1140	1140	1140	1140	1140	1140	1140	1140	
Operation (Kgs)	435	440	450	475	485	285	290	300	325	335	

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.