

Aircool Screw Chiller

Machine Model : ACH 68S1-218D2

Cooling Capacity : 68-218 TON



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SPECIFICATION : AIRCOOL SCREW CHILLER

ACH		68S1	75S1	80S1	90S1	98D2	111D2	135D2	150D2								
Power Supply	V/ph/Hz	380/3/50 - 450/3/50															
PERFORMANCE																	
Refrigerant		R22	R407c	R22	R407c	R22	R407c	R22	R407c	R22	R407c	R22	R407c	R22	R407c	R22	R407c
Cooling capacity	KW	238	216	262	253	281	273	319	311	342	318	390	370	476	432	524	506
Cooling capacity	Tons	68	61.5	75	72.0	80	77.7	90.7555	88.5	97.299	90.5	110.955	105.3	135.422	122.9	150	144.0
Input Power	KW	66.6	63.4	75.3	74.3	80.4	80.0	91.6	91.2	54.1x2	49x2	57.7x2	54.8x2	66.6x2	63.5x2	75.3x2	74.3x2
COMPRESSOR																	
Compressor Type		BITZER SCREW COMPRESSOR															
Compressor QTY	Unit	1	1	1	1	2	2	2	2								
Variable Speed	Steps	0%, 50%, 75%, 100%				0%, 37.5%, 50, 62.5%, 75%, 87.5%, 100%											
CONDENSER																	
Condensator	Type	AXIAL FAN															
Air Flow	x1000 M3H	122.1	122.1	162.8	162.8	162.8	162.8	244.2	244.2								
Fan QTY	PC	6	6	8	8	8	8	12	12								
EVAPORATOR																	
Evaporator	Type	Shell and Tube															
Chilled Water	CBM/HR	41.64048	37.63074	45.927	44.07675	48.9888	47.56108	55.57503	54.18130	59.58201	55.40082	67.94440	64.46007	82.92701	75.26149	88.15350852	
Connection Size	Inch	3"	3"	4"	4"	4"	4"	3"x2	3"x2								
SIZE																	
Weight	Kg	2620	2810	3070	3280	3450	3750	3930	4030								
L	cm	3400	3400	4500	4500	4500	4500	3400x2	3400x2								
W	cm	2100	2100	2100	2100	2100	2100	2100	2100								
H	cm	2300	2300	2350	2350	2350	2350	2350	2350								

ACH		160D2	182D2	200D2	218D2		
Power Supply	V/ph/Hz	380/3/50 - 450/3/50					
PERFORMANCE							
Refrigerant		R22	R407c	R22	R407c	R22	R407c
Cooling capacity	KW	561	546	638	622	702	670
Cooling capacity	Tons	160	155.3	182	177.0	200	190.6
Input Power	KW	80.4x2	80.0x2	91.6x2	91.2x2	101x2	97.7x2
COMPRESSOR							
Compressor Type		BITZER SCREW COMPRESSOR					
Compressor QTY	Unit	2	2	2	2		
Variable Speed	Steps	0%, 37.5%, 50, 62.5%, 75%, 87.5%, 100%					
CONDENSER							
Condensator	Type	AXIAL FAN					
Air Flow	x1000 M3H	122.1	122.1	162.8	162.8		
Fan QTY	PC	6	6	8	8		
EVAPORATOR							
Evaporator	Type	Shell and Tube					
Chilled Water	CBM/HR	97.9776	95.12216	111.4495	108.3626	122.472	116.7250
Connection Size	Inch	3"	3"	4"	4"		
SIZE							
Weight	Kg	4380	4600	4760	4990		
L	cm	3400x2	4500x2	4500x2	4500x2		
W	cm	2100	2100	2100	2100		
H	cm	2350	2400	2400	2400		

