



HUALI GROUP CO., LTD

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Air Cooled Industrial Chiller

Model HLLA ~		03SI	05SI	08SI	10SI	12.5SI	15SI	20DI	25DI	30DI	40TI	45TI
Rated Cooling Capacity	×1000 kcal/h	7.9	12.8	20.8	27.9	32.3	40.8	55.7	64.7	81.5	97.0	122.3
	KW	9.2	14.9	24.2	32.4	37.6	47.4	64.8	75.2	94.8	112.8	142.2
Input Power (KW)		3.85	5.55	8.15	10.4	12.0	16.0	20.1	22.5	31.2	33.7	45.7
Comp. Input Power×Qty. (KW)		2.6	4.3	6.35	8.1	9.3	12.5	8.1×2	9.3×2	12.5×2	9.3×3	12.5×3
Chilled Water Pump Power (KW)		0.75	0.75	1.1	1.1	1.5	1.5	1.5	1.5	2.2	2.2	2.2
Comp. Current (A)		6.8	10.5	14	17.5	20	25.6	33.8	37.2	49.8	55.8	72.6
Power Supply		3φ-380V-50HZ										
Safety Protection		Phase reversion protection, Phase lack protection, Overload current protection, Discharge air temp. protection, Low & High pressure protection, Low temp. protection, Water flow protection.										
Number of Refrigeration Circuit		1		2						3		
Capacity Control (%)		0, 100		0, 50, 100						0, 33, 66, 100		
Refrigerant		R22										
Throttle device		Capillary tube/Expansion valve					Expansion valve					
Condenser		Ripple Aluminum Fins around Cooper Pipe										
Power Input of Fan (KW)		0.5	0.5	0.7	1.2	1.2	2.0	2.4	2.4	4.0	3.6	6.0
Evaporator		Pipe Coil Type										
Water Side Max Pressure (MPa)		-		1								
Dia.of Pipe to Evaporator (inch)		1"		1-1/2"			2"			2-1/2"		
Chilled Water Flow (L/m)		26.4	42.7	69.4	92.9	107.8	135.9	172.0	194.8	272.2	292.2	408.3
Evaporator Water Pressure drop (kPa)		-		17	23	28	30	28	28	32	32	31
Running Noise dB(A)		72	72	73	75	75	75	75	75	75	75	75
Tank Volume (L)		50	70	120	200	200	270	350	350	420	510	510
Total weight (Kg)		130	170	430	480	510	560	840	880	980	1130	1280
Dimension L×W×H (mm)		1000×560×1000	1250×650×1050	1450×750×1200	1650×790×1300	1650×790×1300	1850×900×1650	2000×950×1650	2200×1100×1700	2550×1500×1600	3300×1500×1600	

Note:

1. Rated Cooling Capacity Based on:

Chilled water inlet/outlet temp. 12°C/7°C,
 Cooling water inlet/outlet temp. 30°C/35°C,
 Fouling factor: 0.088m².°C/KW

2. Chilled Water Range: 5~20°C;

3. Cooling Water Range: 20~40°C;

4. Changes of Specification for Improvement May Be made without Notice