

Product Data - L series



Model	unit	HWAR-L30	HWAR-L40	HWAR-L50	HWAR-L60	HWAR-L75	HWAR-L90	HWAR-L110	HWAR-L135	HWAR-L155	HWAR-L180	HWAR-L210	HWAR-L240	HWAR-L270	HWAR-L300	HWAR-L340	HWAR-L375	HWAR-L420	HWAR-L470	HWAR-L525	HWAR-L600	HWAR-L675	HWAR-L750	HWAR-L825	HWAR-L900	HWAR-L975	HWAR-L1050	HWAR-L1125			
Cooling Capacity	kW	105	141	176	211	264	316	387	475	545	633	738	844	949	1,055	1,196	1,319	1,477	1,653	1,846	2,110	2,373	2,637	2,901	3,165	3,428	3,692	3,956			
	usRT	30	40	50	60	75	90	110	135	155	180	210	240	270	300	340	375	420	470	525	600	675	750	825	900	975	1050	1125			
Chilled water	Temp.	℃	13 / 8																												
	Flow rate	m ³ /h	18.1	24.2	30.2	36.3	45.4	54.4	66.5	81.6	93.7	109	127	145	163	181	206	227	254	284	318	363	408	454	499	544	590	635	680		
	P. Drop	mH ₂ O	4.9	5.1	9.7	10.6	10.4	11.0	9.6	10.6	9.6	9.7	9.8	9.6	10.3	10.6	9.4	9.8	7.5	10.3	4.6	3.4	4.6	6.1	4.0	5.2	6.4	5.2	6.4		
	Connection		65				80			100			125				150			200					250			300			350
Cooling water	Temp.	℃	31 / 36.5																												
	Flow rate	m ³ /h	39.6	52.8	66.1	79.3	99.1	119	145	178	205	238	277	317	357	396	449	495	555	621	694	793	892	991	1,090	1,189	1,288	1,387	1,486		
	P. Drop	mH ₂ O	6.3	6.6	12.6	14.0	10.9	7.2	10.8	11.6	11.3	11.9	11.0	10.5	10.9	10.6	10.7	10.7	6.2	8.5	11.4	7.2	9.7	12.7	10.9	13.9	17.3	13.8	16.8		
	Connection	m	100				125			150				200				250			300					350			400		
Hot water	Temp.	℃	95 / 80																												
	Flow rate	ton/h	8.4	11.2	14	16.8	21	25.2	30.8	37.8	43.4	50.4	58.8	67.2	75.6	84	95.2	105	118	132	147	168	189	210	231	252	273	294	315		
	Pressure Drop	Shell	mH ₂ O	0.8	1.1	1.9	2.2	1.5	1.6	0.7	0.8	0.9	1.0	1.6	1.6	1.6	1.6	1.6	1.6	2.2	3.0	1.8	2.5	3.3	2.6	3.3	4.1	3.4	4.2		
		Control Valve	mH ₂ O	2.1	3.8	2.2	3.2	5.0	7.1	4.3	2.5	3.3	4.5	2.4	3.2	4.0	5.0	2.4	3.0	3.7	4.7	2.6	3.4	4.3	5.3	1.9	2.3	2.7	3.1	3.6	
	Connection	mm	50				65			80				100				125					150			200					
	Control Valve	mm	40		50			65			80			100				125					150			200					
Electric	Power source	-	3Φ, 400, 50Hz																												
	Abs. Pump	kW (A)	1.2(3.9A)				1.5(4.0A)				2.0(6.4A)			2.4(6.9A)					3.0(9.2A)					4.5(16.0A)							
	Ref. Pump	kW (A)	0.2(1.0A)				0.3(1.2A)				0.4(1.4A)											1.5(4.0A)									
	Purge Pump	kW (A)	0.4(1.4A)											0.75(2.2)																	
	Control Panel	kW (A)	0.2(0.5A)																												
	Total Ampere	A	6.8				7.1				9.7			10.2					12.5				15.1			22.7					
Size	Length (L)	mm	2,095		2,598		2,597		3,680			3,708			4,734		4,776		4,880		4,998	5,540	6,038	5,644	6,142	6,667	6,293	6,818	7,318	6,860	7,360
	Width (W)	mm	1,077		1,095		1,244				1,472				1,495		1,575		1,830				2,206			2,329			2,929		
	Height (H)	mm	1,880				2,255				2,257				2,540		2,838		3,222				3,600			4,000					
Weight	Rigging	ton	2.1	2.2	2.6	2.7	3.6	3.7	4.6	4.8	5.5	5.8	6.8	7.1	8.8	9.2	10.5	10.9	14.7	16.0	17.2	19.3	21.6	23.9	26.2	28.5	30.8	33.1	35.4		
	Operation	ton	2.3	2.5	2.9	3.1	4.1	4.2	5.2	5.5	6.4	6.8	7.9	8.4	10.4	10.9	12.5	13.1	17.8	19.4	20.8	23.3	26.1	29.0	31.8	34.6	37.5	40.3	43.2		