

Industrial water cooled chiller for cooling reaction system in chemical & pharm industry

Water Cooled Screw Chiller										
Model		MG-30W	MG-40W	MG-50W	MG-60W	MG-70W	MG-75W	MG-85W	MG-90W	MG-100W
Cooling capacity	USRT	25.1	34.2	44.9	48.9	59.6	65.4	77.1	81.4	89.1
	Kcal/h	75938	103458	135794	147834	180256	197800	233060	246304	269524
	KW	88.3	120.3	157.9	171.9	209.6	230	271	286.4	313.4
Power supply		3PH-380V-50Hz								
Refrigerant	Type	R22								
	Control	Thermostatic expansion valve								
Compressor	Type	Semi-hermetic screw								
	Power(kw)	21.4	28.2	35.4	38.8	47.2	51.4	57.9	60.9	67
	Start	Y-△								
	Capacity	25-50-75-100 (%) or 25-100 (%)								
Evaporator	Type	Shell and tube								
	Water flow(m ³ /h)	15.1	20.6	27.1	29.5	35.9	39.4	46.5	49.1	53.7
	Dia.of inlet/outlet(inch)	DN50	DN65	DN80	DN80	DN80	DN80	DN100	DN100	DN100
Condenser	Type	Shell and tube								
	Water flow(m ³ /h)	20.7	28	36.5	39.7	48.4	53.1	62	65.5	71.7
	Dia.of inlet/outlet(inch)	DN50	DN65	DN80	DN80	DN80	DN80	DN100	DN100	DN100



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Protection System		Compressor overheat protection, high/low pressure protection, phase missing/sequence protection, flow rate protection, anti-frozen protection.								
Dimension	L	2300	2500	2500	2500	2800	2800	3200	3200	3500
	W	750	750	750	750	800	800	800	800	900
	H	1500	1500	1500	1500	1500	1500	1500	1500	1500
Noise	dB	73.1	73.7	74.8	78.4	79	79.2	79.6	80.4	80.4
Weight	kg	660	700	800	975	1000	1150	1250	1400	1600
Model		MG-120W	MG-140W	MG-150W	MG-160W	MG-170W	MG-1750W	MG-200W	MG-220W	MG-240W
Cooling capacity	USRT	106.2	126.4	133.4	146.1	158.2	164.3	191.3	210.1	224.3
	Kcal/h	321124	382184	403512	441782	478418	496822	578608	635454	678454
	KW	373.4	444.4	469.2	513.7	556.3	577.7	672.8	738.9	788.9
Power supply		3PH-380V-50Hz								
Refrigerant	Type	R22								
	Control	Thermostatic expansion valve								
Compressor	Type	Semi-hermetic screw								
	Power(kw)	81.3	94.4	99.7	108.1	116.3	120	138.3	153.4	162.9
	Start	Y-△								
	Capacity	25-50-75-100 (%) or 25-100 (%)								
Evaporator	Type	Shell and tube								
	Water flow(m³/h)	64	76.2	80.4	88.1	95.4	99	115.3	126.7	135.2
	Dia.of inlet/outlet(inch)	DN100	DN125	DN125	DN125	DN150	DN150	DN150	DN150	DN150



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Condenser	Type	Shell and tube								
	Water flow(m ³ /h)	85.7	101.6	107.3	117.3	126.8	131.6	153	168.3	179.5
	Dia.of inlet/outlet(inch)	DN100	DN125	DN125	DN125	DN150	DN150	DN80*2	DN100*2	DN125*2
Protection System		Compressor overheat protection, high/low pressure protection, phase missing/sequence protection, flow rate protection, anti-frozen protection.								
Dimension	L	3500	3800	3800	3800	4000	4000	4000	4000	4000
	W	900	900	1200	1200	1200	1200	1200	1200	1200
	H	1800	1800	1800	1800	1800	1800	1800	1800	1800
Noise	dB	83.1	84.2	85.2	86.3	86.6	86.9	87.1	87.3	87.6
Weight	kg	1750	1850	2000	2000	2200	2200	2400	2400	2400

If you have any requirements, pls feel free to let me know. we must give you a best offer.

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Water chiller working system

