

MGC

Dryer

Conveyor

Temperature Controller

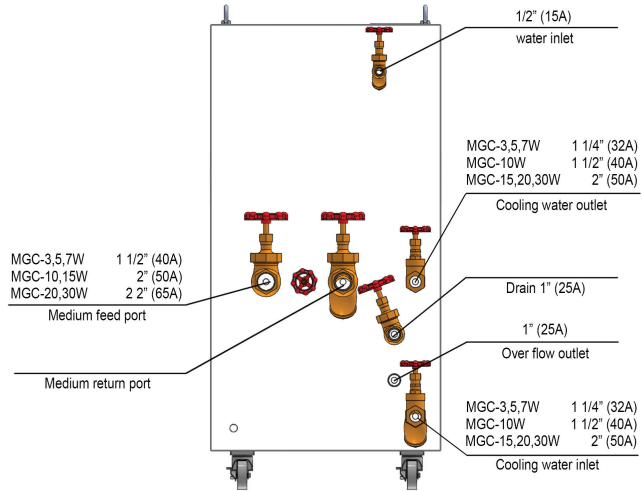
Blender

Granulator

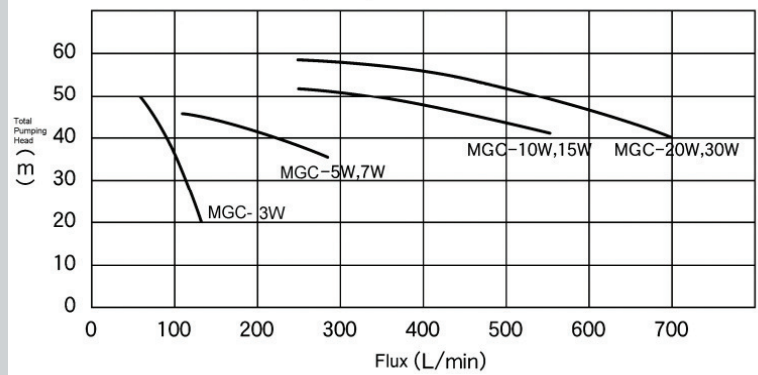
System & Others



MGC-5W



Flux Characteristic Curve, Pump Unit Performance Value



Standard Specification

Model	Unit	MGC-3W	MGC-5W	MGC-7W	MGC-10W	MGC-15W	MGC-20W	MGC-30W		
Power supply	Voltage	AC200/380V, 50Hz, 3 Phase								
	Apparent Power	kVA	6.95	11.90	14.32	19.61	24.10	33.06	42.08	
	Breaker Capacity	A	40/20	50/30	80/40	100/50	125/80	150/80	200/100	
Medium (Cold Water)	Temperature Control Range	5~30								
	Tolerance	± 0.5 (when low load ± 1)								
Cooling Capacity ※1	kW	8.7	14.6	21	32	48.6	64	97		
Cooling Water	Temperature of Cooling Tower Water	5 - 32 (Max. 40)								
	Water Volume Demand ※2	30°C	L/min	Above 50	Over 70	Over 100	Over 150	Over 200	Over 300	Over 400
		40°C	L/min	Over 70	Over 100	Over 150	Over 200	Over 300	Over 400	Over 600
Compressor	Type	Scroll Type Closed Structure								
	Output	kW	2.2	3.75	5.5	7.5	11	7.5x2	11x2	
Condenser, Evaporator		Plate Type Heat Exchanger (SUS316L)								
Refrigerant	Model	R-407C								
	Control Method	A	Heat Expansion Valve Control ON-OFF Automatic Switch							
Medium Pump	Lift Head	m	19~50	36~45		41~52		45~59		
	Flow Rate	L/min	130~50	280~110		550~250		630~250		
	Output	kW	1.1	3		5.5		7.5		
Circulating Pump Output	kW		0.45		0.55		1.5			
Tank Volume	L		60		110		220			
Outer Dimension	W	mm	604		740		1,100			
	D	mm	944		1,140		1,670			
	H	mm	1,231		1,751					
Product Weight	kg	190	250	450	470	520	840	940		

※1 Liquid is clean water.

Temperature of liquid is 15°C, Temperature of cooling water is 27°C at 50Hz.

Cooling capacity is more than 95% (1 kW = 860 kcal/h)

※2 Cold water and cooling water is clean water, which reaches the standard of Japanese Cooling and Air-Conditioning Industry Committee.

Supply pressure of cooling water is 0.2~0.5 MPa.

Options

- Alarm indicator
- Leakage breaker