

Dryer

Mold Dehumidifier

Conveyor

Temperature Controller

Blender

Granulator

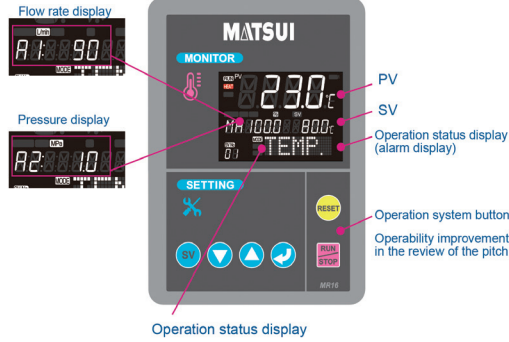
System & Others

Compact, Accurate and Reliable by adopted SSR control



Control Panel

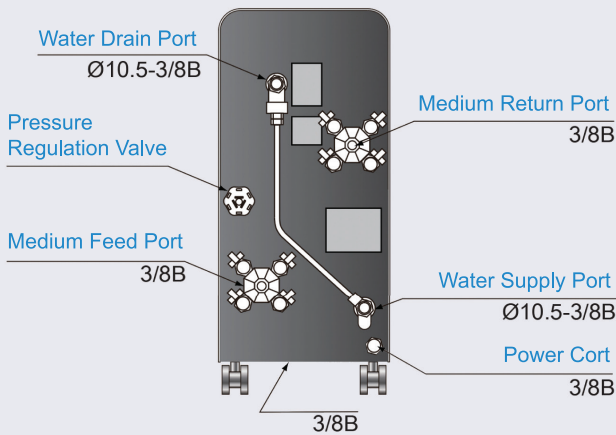
All of the operating conditions can be grasped in this display



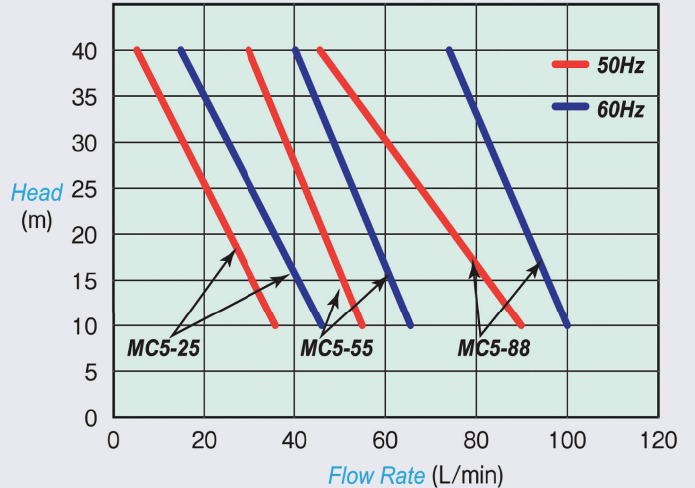
Easy Maintenance



Piping Layout



Pump Performance



Standard Specification

Model	Unit	MC5-G3/G1-L95			MC5-G3/G1-H120			
		MC5-G3-25L95	MC5-G3-55L95	MC5-G3-88L95	MC5-G3-25H120	MC5-G3-55H120	MC5-G3-88H120	
Power Supply	Voltage	AC200/380V, 50/60Hz, 3 Phase						
	Apparent Power	kVA	5.5/6.2	8.0/8.6	11.8/12.6	5.5/6.2	8.0/8.6	11.8/12.6
	Breaker Capacity	A	20/15	30/15	40/30	20/15	30/15	40/30
Water Supply	Flow Rate	L/min	5.0~9.0	7.0~11.0	9.0~14.0	9.0~11.0	10.0~12.0	12.0~15.0
	Pressure	MPa	0.1~0.3			0.2~0.3		
Medium		Clean Water (Soft Water)						
Operating Temperature Range	°C	Water Supply Temperature +10 ~ 95			Water Supply Temperature +10 ~ 120			
Heater Capacity	kW	4	6	9	4	6	9	
Pump	Maximum Flow Rate	50/60Hz L/min	35/45	55/65	90/100	35/45	55/65	90/100
	Output	kW	0.3	0.6	1.0	0.3	0.6	1.0
Cooling Method		Direct Cooling						
Piping	Water Supply / Drain Port	Ø 10.5 Hose Nipple (3/8B)						
	Medium Feed / Return Port		3/8Bx2 Ball valve	3/8Bx4 Ball valve	3/8Bx6 Ball valve	3/8Bx2 Ball valve	3/8Bx4 Ball valve	3/8Bx6 Ball valve
Outer Dimension	W	mm	233					
	D	mm	648	697	757	658	703	763
Product Weight	H	mm	524	564	674	524	564	674
		kg	40	50	60	40	50	60

※ Water quality : At least to the standards of water supply stipulated by the Japan Refrigeration and Air Conditioning Industry Association.

Water that does not include large amount of calcium, silica, chlorine or iron with electroconductivity of between 50 and 200 ms/cm and pH of between 6 and 8.

Options

G1 & G3 type

- Water supply reducing valve • High performance filter • Air purge (Manual type) • Alarm output (Signal only) • External start-stop
- Alarm buzzer • Earth leakage breaker • Alarm indicator • Temperature sensor (Type change) • Medium return stainer

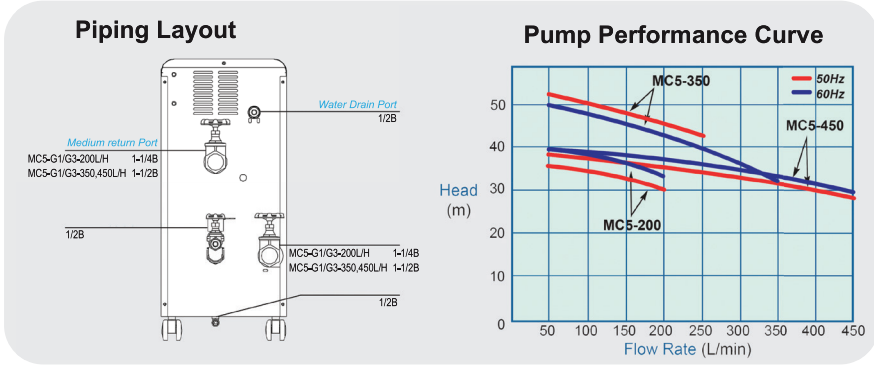
G3 Only

- Medium return sensor • Communication signal • Mold sensor • Flow rate monitor • Water Supply Pressure sensor (High temp. only)

MC5 (High Flow Type)

Max. Temp. **95°C • 130°C**

Water Flow Rate **200, 250, 450 L/min**



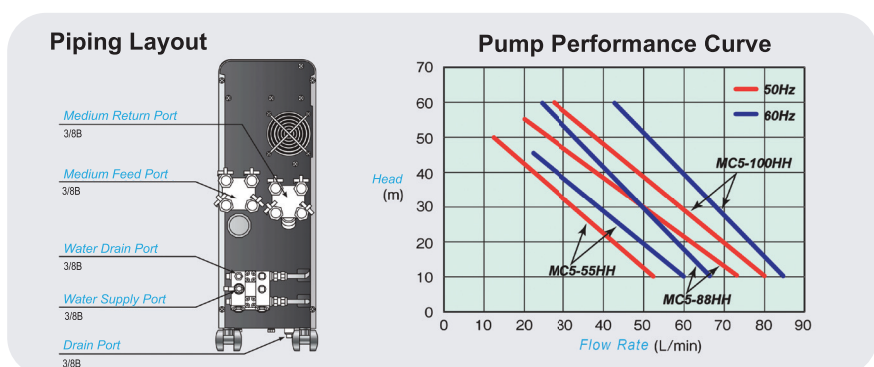
Standard Specification

Model	Unit	MC5-G3/G1-L95			MC5-G3/G1-H130		
		MC5-G3-200L95	MC5-G3-350L95	MC5-G3-450L95	MC5-G3-200H130	MC5-G3-350H130	MC5-G3-450H130
Power Supply	Voltage	V AC200/380V, 50/60Hz, 3 Phase					
	Apparent Power	kVA 16.0/16.5	20.8/21.2			kVA 16.0/16.5	20.8/21.2
	Breaker Capacity	A 60/30	75/40			A 60/30	75/40
Water Supply	Flow Rate	L/min 25.0~42.0			L/min 19.0~22.0		
	Pressure	MPa 0.1~0.3			MPa 0.3~0.4		
Medium		Clean Water (Soft Water)					
Operating Temperature Range	°C	Water Supply Temperature +10 ~ 95			Water Supply Temperature +10 ~ 130		
Heater Capacity	kW	12	14			12	14
Pump	Maximum Flow Rate	50/60Hz L/min 200	250/350	450	200	250/350	450
	Output	kW 2.2	3.7			kW 2.2	3.7
Cooling Method		Direct Cooling					
Piping	Water Supply / Drain Port	Ø 14 Hose Nipple (1/2B)					
	Medium Feed / Return Port	Rc11/4B (32A)	Rc11/2B (40A)			Rc11/4B (32A)	Rc11/2B (40A)
Outer Dimension	W	mm 303					
	D	mm 680					
	H	mm 678					
Product Weight	kg	Approx. 105	Approx. 110			Approx. 105	Approx. 110

MC5 (High Temp Type)

Max. Temp. **160°C • 180°C**

Water Flow Rate **53, 73, 80 L/min**



Standard Specification

Model	Unit	MC5-G3-HH160			MC5-G3-HH180		
		MC5-G3-55HH160	MC5-G3-88HH160	MC5-G3-100HH160	MC5-G3-55HH180	MC5-G3-88HH180	MC5-G3-100HH180
Power Supply	Voltage	V AC200/380V, 50/60Hz, 3 Phase					
	Apparent Power	kVA 11.3/12.1	14.8/15.6	17.7/18.6	kVA 11.3/12.1	14.8/15.6	17.7/18.6
	Breaker Capacity	A 40/30	50/30	63/40	A 40/30	50/30	63/40
Water Supply	Flow Rate	L/min 15~					
	Pressure	MPa 0.2~0.6					
Medium		Clean Water (Soft Water)					
Operating Temperature Range	°C	Water Supply Temperature +20 ~ 160			Water Supply Temperature +20 ~ 180		
Heater Capacity	kW	9	12	14	9	12	14
Pump	Maximum Flow Rate	50/60Hz L/min 53/60	73/75	80/85	53/60	73/75	80/85
	Output	50/60Hz kW 1.0/1.1	1.5	2.2	1.0/1.1	1.5	2.2
Booster Pump	Output	kW 0.07					
Cooling Method		Indirect Cooling					
Piping	Water Supply / Drain Port	Ø 10.5 Hose Nipple (3/8B)					
	Medium Feed / Return Port	3/8Bx4 Ball valve	3/8Bx4 Ball valve	3/8Bx6 Ball valve	3/8Bx4 Ball valve	3/8Bx4 Ball valve	3/8Bx6 Ball valve
Outer Dimension	W	mm 233			mm 233		
	D	mm 640					
	H	643	683	733	643	683	733
Product Weight	kg	70	85	100	70	85	100

Dryer

Mold Dehumidifier

Conveyor

Temperature Controller

Blender

Granulator

System & Others