

MOIST PROCESSOR Standard Specification (Humidification Specialization Type)

As of April 1, 2020

Model name

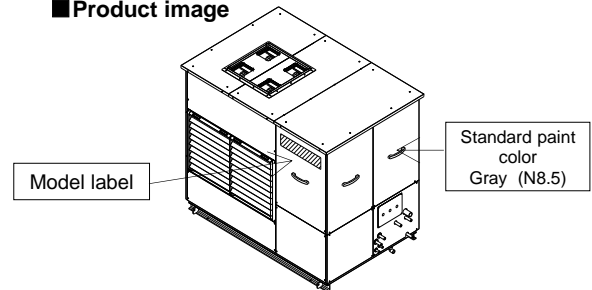
MPK	-	6*00 9*00	SH GT
①		②	③

Number	Category	Abbreviation	Description
①	Model	MPK	Humidification specialization processor
②	Processing air flow rate	6*00	6,000 m ³ /h
		9*00	9,000 m ³ /h
③	Main heat source	SH	Supplied hot water
		GT	Loaded gas water heater

As shown below, the model and specifications differ depending on the facility where the machine is used.

	* mark for processing air flow rate	Model label on the processor exterior
Standard model	0	None
Medical model	5	MEDICAL MODEL
Agri model	8	AGRI MODEL

Product image



Product specificat

Standard conditions of temperature and humidity		Dry-bulb temperature		Absolute humidity	
Outside air	Winter (humidification)	-0.3	°C	1.3	g/kg'
	SH	28.0	°C	14.0	g/kg'
Supplied air	6000GT	23.0	°C	14.0	g/kg'
	9000GT	25.3	°C	14.0	g/kg'

Specifications are subject to change for improvement, etc. without notice.

Model		MPK-6*00GT-DO(C)R	MPK-9*00GT-DO(C)R	MPK-6*00SH-DO(C)R	MPK-9*00SH-DO(C)R	
Product image						
Power supply		Triple-phase 200V 50/60Hz	Triple-phase 200V 50/60Hz	Triple-phase 200V 50/60Hz	Triple-phase 200V 50/60Hz	
Electricity	Consumption	kW	7.2	8.6	5.0	7.1
	Circuit breaker rated current	A	40	50	30	40
Dimension	Width	mm	2,620	3,220	2,170	2,770
	Depth	mm	1,500	1,500	1,500	1,500
	Height	mm	1,865	1,865	1,765	1,765
	Weight (dry)	kg	1,460	1,840	1,110	1,480
	Liquid content	kg	440	620	380	560
	Operating weight	kg	1,900	2,460	1,490	2,040
Ability	Air flow rate	m ³ /h	6,000	9,000	6,000	9,000
	External static pressure	Pa	250		250	
	Humidification	kW	111.6	174.4	121.8	182.7
	Humidification amount	kg/h	91.4	137.2	91.4	137.2
Heat source	Supplied hot water temp	°C	-	-	52→41 (60°C or lower)	
	Supplied hot water flow rate	L/min	-	-	160 (360 or less)	240 (540 or less)
	Internal pressure loss	kPa	-	-	60	
	Gas heater capacity	kW	55.8×2	87.2×2	-	-
	Gas consumption	kW	69.2×2	112×2	-	-
Noise level	dB	64.6	65.0	64.6	65.0	

<Product inquiries>

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