

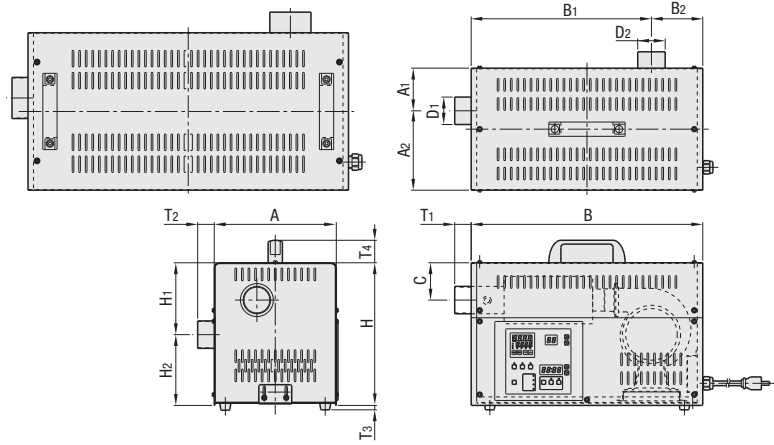
Hot Air Generating Units

Air Circulation

Instruction manual is available online:
<http://fa.misumi.jp/ht/>



MAHYC



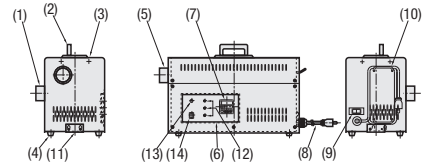
Part Number	Type	No	A		B		C		D		H		T		Heater Capacity (Kw)	Voltage (V)	Frequency (Hz)	Unit Price Qty. 1-2			
			A1	A2	B1	B2	C1	C2	D1	D2	H1	H2	T1	T2					T3	T4	
MAHYC		1010	206	64	142	450	344	106	73	50	50	268	135	133	30	30	12	41	1.0	100	For 50 and 60
		1210	222	78	145	422	329	94	69	50	50	260	132	128	30	30	12	41	1.2	100	For 50 and 60
		5020	287	119	168	584	478	106	83	75	75	361	243	118	29	38	16	41	5.0	200	For 50 and 60
		10020	302	116	186	665	506	159	99	100	100	380	190	190	27	39	16	41	10.0	200	For 50 and 60



Ordering Example
 Part Number
MAHYC1010

Basic Structure

For orders larger than indicated quantity, please check with WOS.



No.	Name	No.	Name
(1)	Suction Port	(8)	Power Cord
(2)	Handle	(9)	Power Source Breaker
(3)	Main Body (SPCC)	(10)	Cord Spool
(4)	Rubber Legs	(11)	Metal Part for Fixation (SUS304)
(5)	Outlet Port	(12)	Operation Indicator Lamp
(6)	Control Panel	(13)	Lamp for Power Source
(7)	Temperature Adjuster	(14)	ON and OFF Switch

Features

Heat can be effectively utilized by circulating heated air emitted from outlet port to suction port.
 Higher energy efficiency operation than Standard Type (MAHY).

Specification

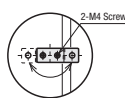
	MAHYC1010	MAHYC1210	MAHYC5020	MAHYC10020
Power Supply	Single-phase 100V	Single-phase 100V	Three-phase 200V	Three-phase 200V
Heater Capacity	1.0kW	1.2kW	5.0kW	10.0kW
Temperature Control Range	Room Temp. ~ 200°C	Room Temp. ~ 230°C	Room Temp. ~ 250°C	Room Temp. ~ 250°C
* Maximum Air Volume (50/60Hz)	1.1/1.2 m ³ /min	1.2 m ³ /min(60Hz)	4.0 m ³ /min(60Hz)	7.6 m ³ /min(60Hz)
Maximum Static Pressure (50/60Hz)	0.2/0.3kPa	0.2kPa(60Hz)	0.44kPa(60Hz)	0.8kPa(60Hz)
Control Mechanism: Temperature Indication	Digital Indication	Digital Indication	Digital Indication	Digital Indication
Control Drive	PID Control / SSR Drive	PID Control / SSR Drive	PID Control / SSR Drive	PID Control / SSR Drive
Temperature Sensor	K Thermocouple	K Thermocouple	K Thermocouple	K Thermocouple
Safety Circuit	Over-temperature / Interlock	Over-temperature / Interlock	Over-temperature / Interlock	Over-temperature / Interlock
Max. Noise (at the time of max. air volume)	63dB	63dB	82dB	85dB
Air Volume Adjustment	Not Provided	Inverter (30-60Hz)	Inverter (30-60Hz)	Inverter (30-60Hz)
Temperature of Suctioned Air	Room Temp. ~ 150°C	Room Temp. ~ 170°C	Room Temp. ~ 170°C	Room Temp. ~ 180°C
Power Cord	VCTF 3-core x 2 sq. (3m)	VCTF 3-core x 2 sq. (2m)	2PNC2 4-core x 2 sq. (3m)	2PNC2 4-core x 5.5 sq. (3m)
Weight	9kg	12kg	33kg	40kg

* The values of maximum wind volume are for reference only.

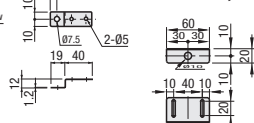
How to Mount

- Screwing with the fixing bracket
- (1) Remove the M4 screw from the fixing bracket, and install the bracket as shown below.
- (2) Prepare two M6 screws for securing the main body.

No.1010

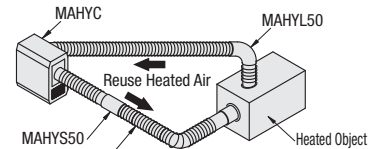


No. 1210, 5020, 10020



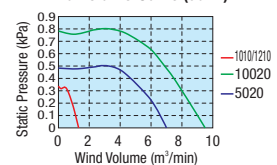
Precautions for Use

- Never use the unit at any temperature over the maximum operating temperature. It may result in breakage.
- Never touch the air outlet and adjacent portion during operation. Otherwise, burn injury may be suffered due to high temperature.
- The heater is not waterproof. Never expose the heater to water or any other liquids.
- Do not use over the rated voltage (V).
- Do not dismantle or remodel the body.
- Read the instruction manual thoroughly to ensure safe operation of the unit.

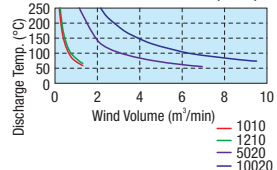


Performance Curve

Wind Volume Curve (60Hz)



Thermal Performance Curve (Fresh)



No.	L
1210	422
5020	584
10020	665