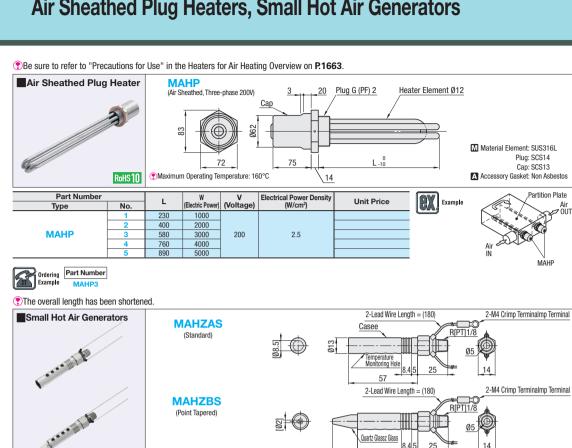
Air Sheathed Plug Heaters, Small Hot Air Generators



		waximum operating temperature, ooo o								
Part Number		er	V ,	W (Clastria	Max. Flow	Operating Gas Pressure	Maximum Operating	Unit Price		
	Туре	No.	(Voltage)	Voltage) (Electric Power)	(ℓ/min)	kgf/cm² (MPa)	Temperature	MAHZAS	MAHZBS	MAHZCS
	MAHZAS MAHZBS	1	100	350	60	2(0.2)	800°C			
	MAHZOS	2	200	440	60	J 2(0.2) 800 C				

MAHZCS (Flat Tip)

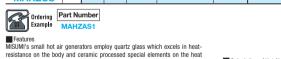
> As heat generation increase, temperature monitoring holes will turn red in order of 4 to 1. The load reaches the limit when the 4th to 2nd lights turn red and the 1st light remains black. Keep the color of the 4th hole unchanged when using. Blast Orifice Temperature Monitoring Hole

> > Fxamnle

M Material Generator: Quartz Glass Case: Stainless Steel

Voltage Controller (Variac)

2-M4 Crimp Terminalmp Terminal

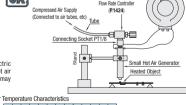


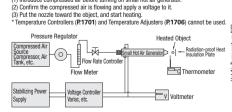
■ Calculation of Hot Air Temperature Use the following formula to estimate hot air temperature.

Hot Air Temperature [°C] $\approx \frac{50 \text{ x Power Consumption } \ldots}{\text{Flow Rate of Compressed Air } [\ell/\text{min}]}$ 50 x Power Consumption [W] Power consumption should be made smaller than W (electric

power) of each type. The above formula is for reference. If hot air temperature is high while flow rate is small, heat efficiency may decrease. Hot air temperature must be set to lower than 800°C.

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resistance on the body and ceramic processed special elements on the heat

generator. Compact, safe, and clean hot air can be obtained.

(1) Introduce compressed air before turning on small hot air generator

Spot Drying after Workpiece Cleaning

Cutting (heat cutting) of Resin Film etc.
Shrinkage of Pipe Wrapping Tubes

Usage Procedure

Welding of Resin Products
Soldering of Electronic Parts such as IC chips
Cap Seal Shrinkage (Shrink Packaging)

Flow Rate / Supply Voltage / Hot Air Temperature Characteristic 900 | Flow Rate £/m Flow Rate ℓ/m Supply Voltage IVI Supply Voltage IVI

[IMPORTANT] Cautions Applicable / Not Applicable Gases

Gas Applicable or Not		Cautions and Others				
Air, Oxygen		Avoid large amounts of oil mist or water.				
Nitrogen, Argon		All inert gases are applicable, but they will decrease the life span of the product				
Hydrogen	\triangle	Igniting occurs if the gas is exposed in the air at temperature 600°C or more.				
Water Vapor	△~X	Letting the heat generator wet will cause breakage.				
Town Gas, LPG	×	After thermal decomposition, carbon adheres to a heat generator.				

Check the air flow supply before applying a voltage. Never use without air flow.

- After turning off the small hot air generator, please keep the compressed airflow for 3 min or more for the sake of safety. Then stop air flow supply when the temperature of the hot air becomes lower than 50°C.
- Quartz glass is used on the body. Do not apply an impact.

2-Lead Wire Length = (180)

- The body and case get high temperature during the operation. Do not touch them. It will cause burn injury
- Voltage and electric power should be set lower than the rated values. Do not exceed max. operating temperature (800°C).

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