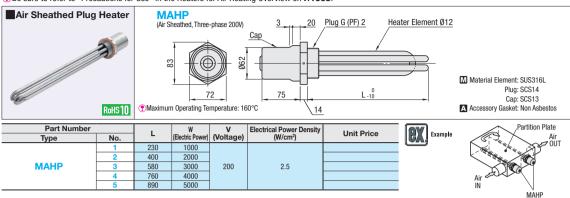
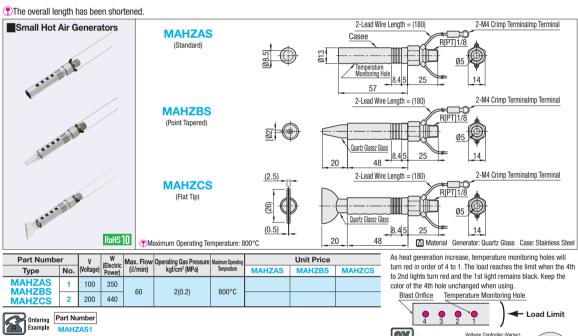
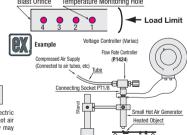
Air Sheathed Plug Heaters, Small Hot Air Generators

Be sure to refer to "Precautions for Use" in the Heaters for Air Heating Overview on P.1663.











Features
MISUMI's small hot air generators employ quartz glass which excels in heatresistance on the body and ceramic processed special elements on the heat generator. Compact, safe, and clean hot air can be obtained.

- ·Spot Drying after Workpiece Cleaning
- Welding of Resin Products
 Soldering of Electronic Parts such as IC chips
 Cap Seal Shrinkage (Shrink Packaging)
- · Cutting (heat cutting) of Resin Film etc ·Shrinkage of Pipe Wrapping Tubes

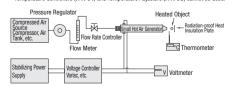
Usage Procedure

- (1) Introduce compressed air before turning on small hot air generator.
- (1) inductive Compressed an Berlier durining or sinal mut an generation.

 (2) Confirm the compressed air is flowing and apply a voltage to it.

 (3) Put the nozzle toward the object, and start heating.

 * Temperature Controllers (**P.1701**) and Temperature Adjusters (**P.1706**) cannot be used.



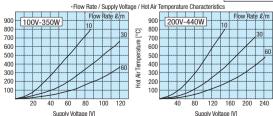
Applicable / Not Applicable Gases

The not bolow to to tolorone only and not a product guarantee.		
Gas	Applicable or Not	Cautions and Others
Air, Oxygen	0	Avoid large amounts of oil mist or water.
Nitrogen, Argon	0	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		Letting the heat generator wet will cause breakage.
Town Gas, LPG	×	After thermal decomposition, carbon adheres to a heat generator.

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

50 x Power Consumption [W] Hot Air Temperature [°C] ≈ Flow Rate of Compressed Air [ℓ/min]

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.



[IMPORTANT] Cautions

- 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.
- 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).