

Ultra-compact DC power Air Blow Heater

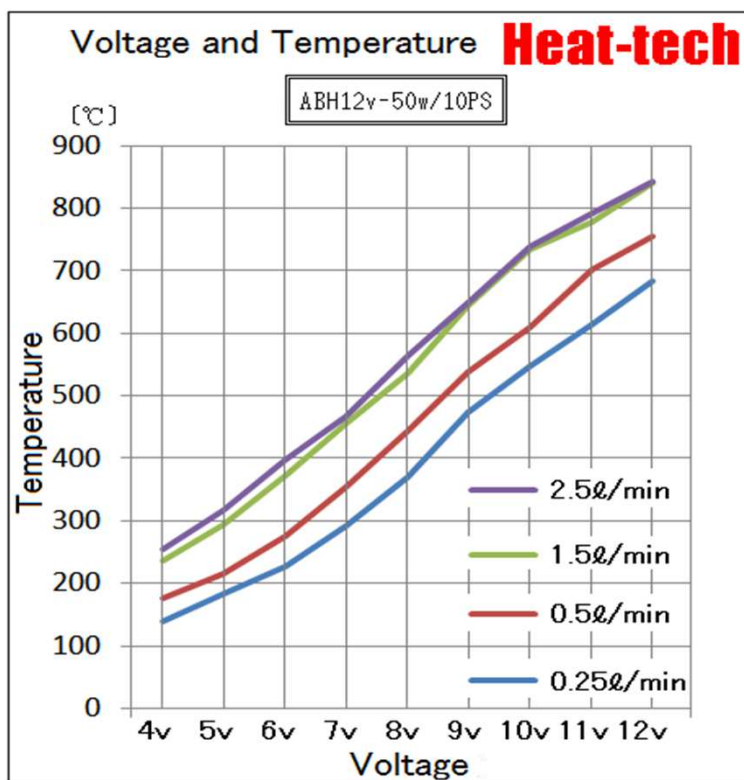
ABH12v/24v-□w/10PS debuts!

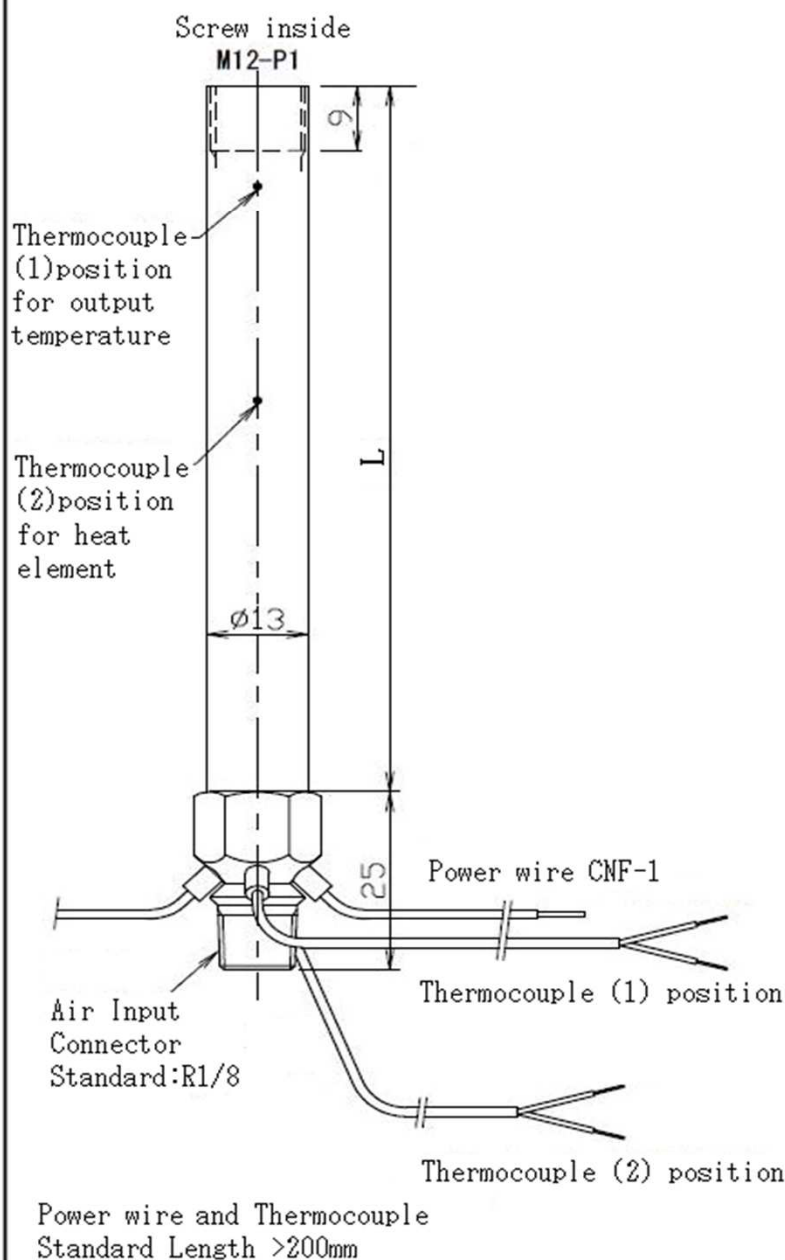
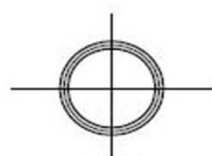
We were callange the limit of the Air Blow heater.
Did not exist until now, We manufacture the DC power Air heater.



【 ABH12v-50w/10PS/L50/+S 】

- For the aging inspection of electronic components
- For the soldering of electronic components
- For the pinpoint heating of resin
- For the gas heating of medical equipment






【Options】

■ Temperature sensor added
 Hot air temperature sensor
 Heatelement temperature sensor


■ Wire extension
 Power line extension (1m units)
 Sensor line extension (1m units)


■ Air supply port change
 Change to R1 / 4 (Brass)
 Change to Rc1 / 8 (BS + NiP)

■ Hot air outlet fittings
 M12-R1 / 8 (SUS) 
 M12-R1 / 4 (SUS)
 M12-Rc1 / 8 (Brass) 
 M12-Rc1 / 4 (Brass)

■ Air supply tube connector
 Φ6-Rc1 / 8 
 Φ8-Rc1 / 8

■ Standard : ISO Thread Taper
 Option : NPT Thread Taper

■ T type attachment 

■ Proprietary controller
 AHC series 

■ Control parts
 Temperature controller
 SSR
 Breaker
 Bolt slider

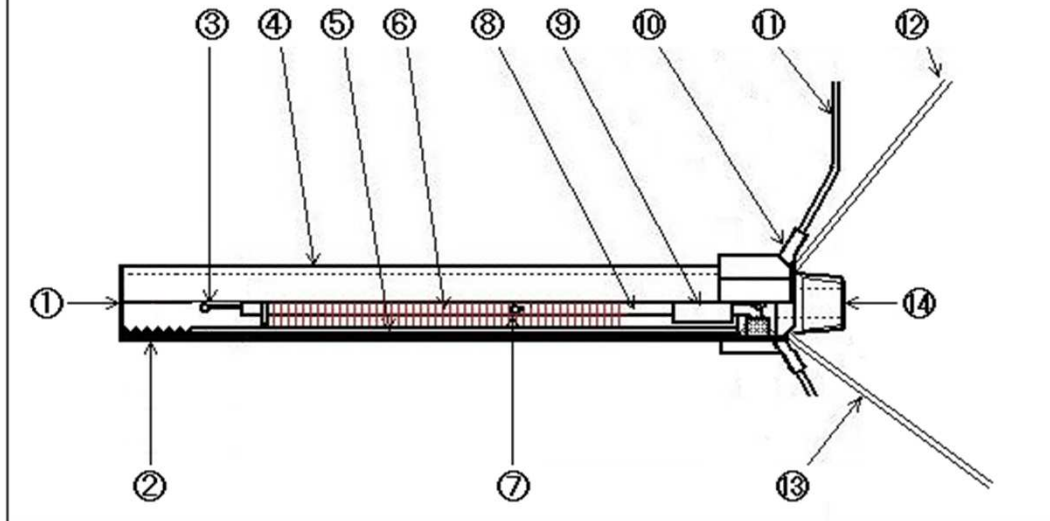
L	50	66	103
Watt	50w	100w	200w
Volt	12v / 24v		24v

Date 2014/11/04 D/# ABH-□V-□W/10PS/(R1/8-M12F)/L□/+□S

Drawing Y.Shimoda Model Air Blow Heater

Heat-tech

ABH type Basic Structure **Heat-tech**



- ① Hot air blow output
- ② Screw for attachment
- ③ Thermocouple for output air temperature
- ④ Metal case stainless SUS304
- ⑤ Heat tube Quartz glass
- ⑥ Heat element Fe-Cr-Al alloy
- ⑦ Thermocouple for heat element
- ⑧ Insulation Alumina ceramics
- ⑨ Mount base Steatite
- ⑩ Insulating silicon rubber
- ⑪ Power wire Glass cloth or Silicon rubber
- ⑫ Thermocouple for output air Glass cloth or Silicon rubber
- ⑬ Thermocouple for heat element Glass cloth or Silicon rubber
- ⑭ Air input connector Nickel plated Brass

Types of available gas

Please contact us, When it is not in the table below.

Types of gas	Evaluation	Notes
Air, Oxygen *1	◎	Contain neither oil mist nor water.
Nitrogen, Argon *2	○	All inert gases can be used.
Hydrogen	△	Ignites when becoming over 600°C mixed air.
Green Gas	△	Green Gas has reduction.
Steam *3	X	ABH is impossible, DGH can be use.
Town Gas, LPG	X	Carbon cling to heat element.

*1 Heating wires are used in Air Blow Heater has the most durable in the oxidizing atmosphere.

ABH types are in direct contact with the gas so that the heating wire, high heat transfer efficiency, high temperature (800 °C approximately) can be obtained.

*2 ABH type is used for argon and nitrogen, compared to the air life tend to be shorter.

No-touch High Temperatures Hating

Heat-tech

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