

# **Halogen Line Heater Laboratory – kit**

## **LKHLH-55A/f25/200v-2kw + HCV**

**Easily heating high temperatures!**



### **◆ Feature ◆**

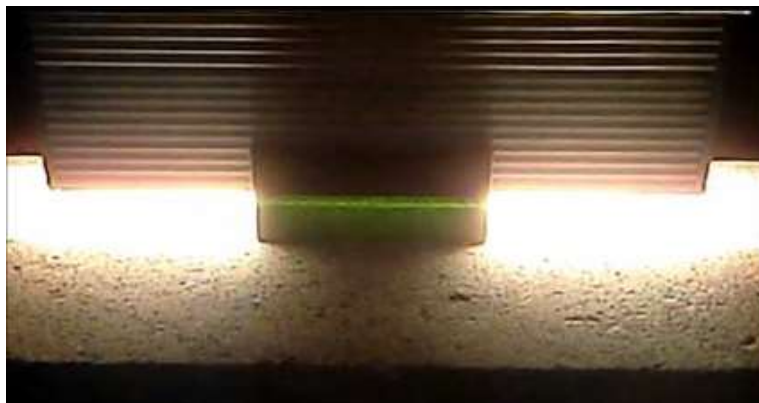
- 1). Easily heating high temperatures by the kit !
- 2). Easily heating high temperatures at free range !
- 3). Easily adjusting the radiation area by manual lift!
- 4). Easily changing the heat power (wattage) by slide transformer !
- 5). It is so simple cooling system use cooling fan.

# **Heat-tech**



**【Line heating of wood】**

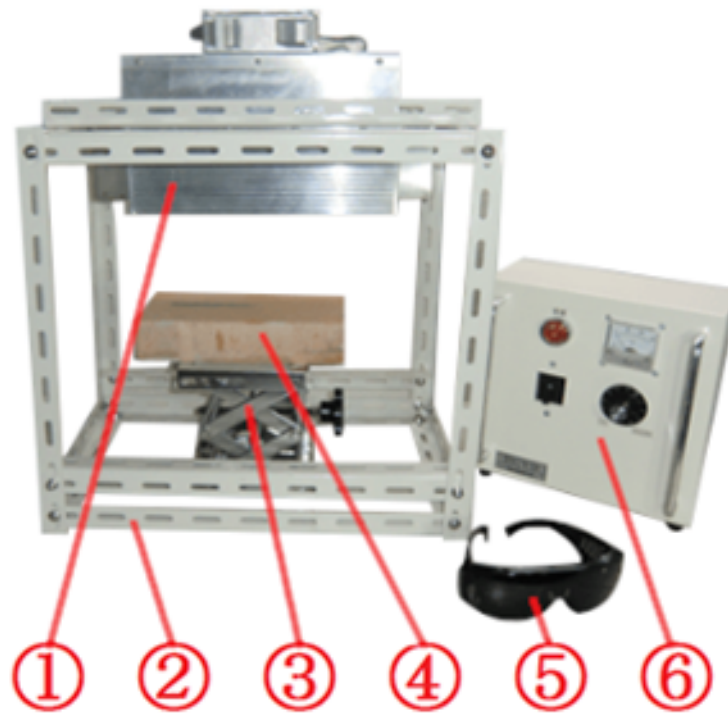
Can be varied to AC0v - AC200v in large volume of manual variable power supply.  
Variable of the electric power is carried out by voltage adjustment,  
and heating temperature can be adjusted.



**【 Power: 200v-2kw 】**

It shine so very bright emission of heat generation 2kw maximum output.  
Hot surface heating can be simply performed in non-contact.

This is true If you look through the protective glass.  
The use of safety glasses included can be easily visually positioning the irradiation line.

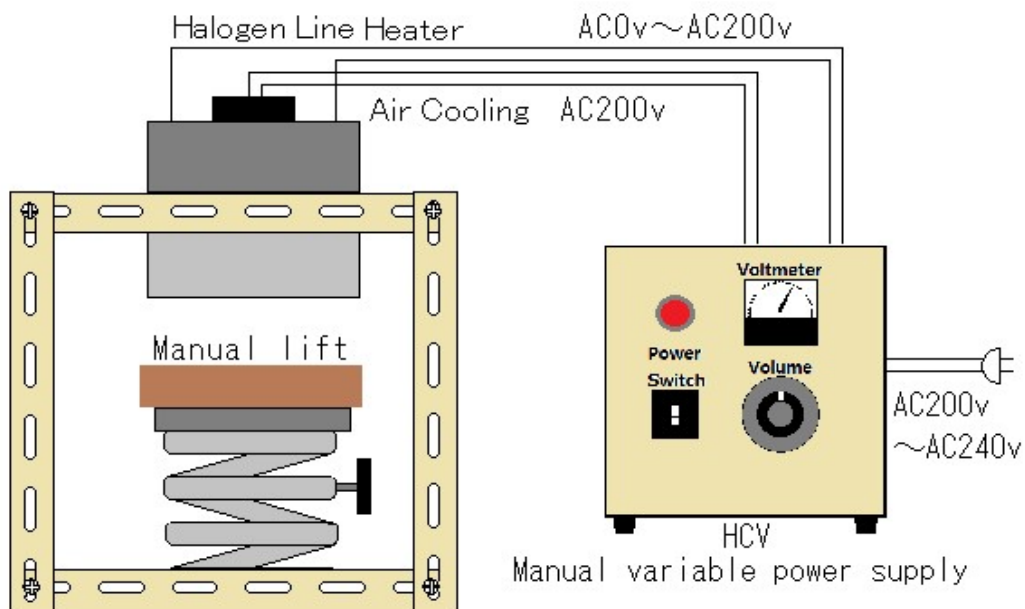


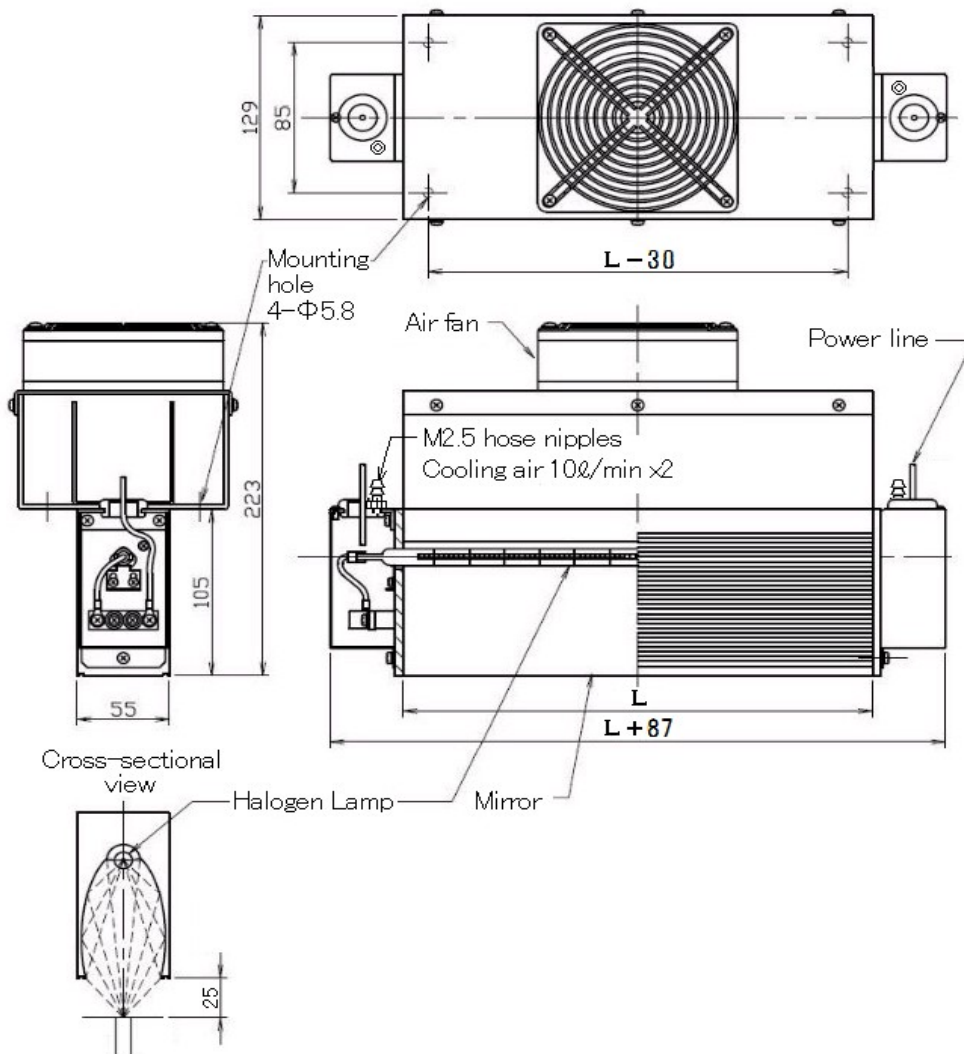
(Example of lab kit assembly.)

( ※The lab kit is delivered as individual components. )

- ① Halogen Line Heater HLH-55A/f25/200v-2kw  
The output of 2kw, to line heat the surface of the object.
- ② Cubic test stand
- ③ Manual lift.
- ④ Brick, This is useful when heating the test piece.
- ⑤ Safety glasses against high intensity light  
It can visually check the high-intensity irradiation point at maximum output.
- ⑥ Manual variable power supply HCV-AC200-240V/-AC200V-2KW  
By varying AC0 - 200v in volume, user can adjust the heating output.

## 【 Lab-kit Actual wiring diagram 】





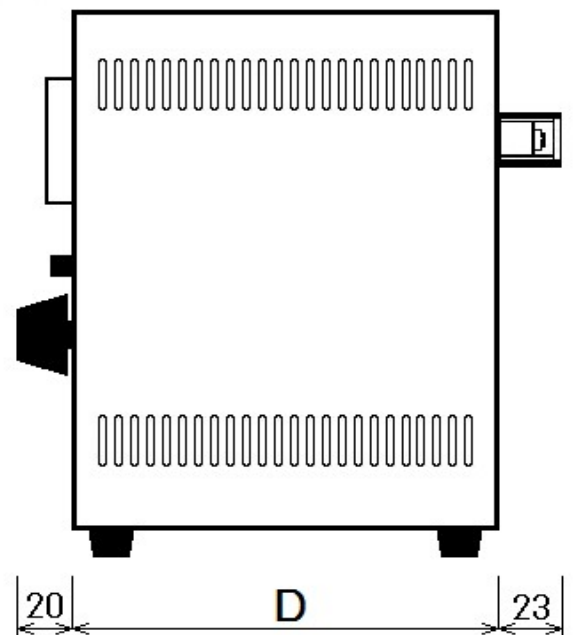
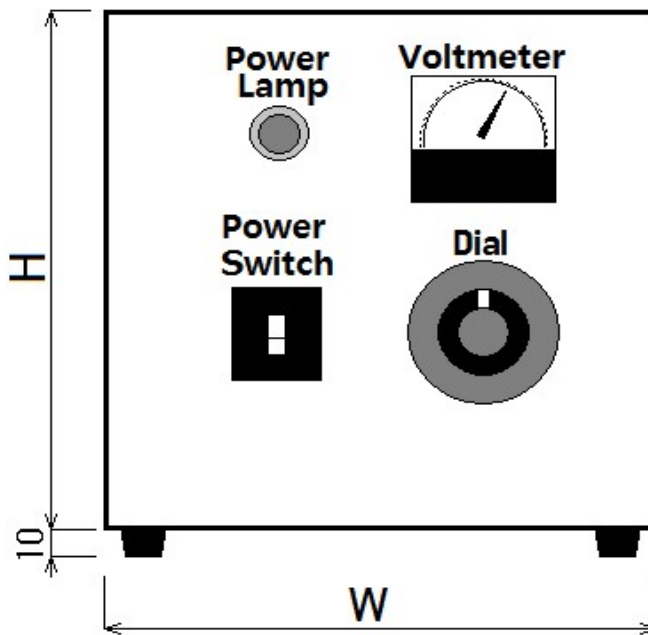
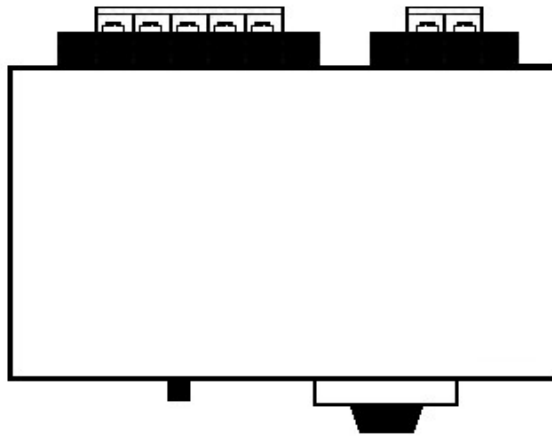
**【Note】**

- ① Please install the parallelism within  $\pm 3^\circ$ .
- ② Please use Vertical Lamp when installed in the parallelism over  $\pm 3$ , and used vertically.
- ③ Please do not give vibration, tungsten filament of high fever is fragile.
- ④ Mounting holes will vary depending on length mirror.
- ⑤ Air cooling effect is reduced in the location of the high temperature, at such time please use the HLH-55W Water-cooled type.
- ⑥ Width of the focusing beam is the same as the thinness coil diameter of the tungsten filament.

Focus	f25
Mirror Length (L)	280
Voltage	200v
Power	2kw
D/#	HLH-55A/f25/L280/200v-2kw/ACfan
Model	Air Cool Focus Type Halogen Line Heater

Date	2007/11/21	Design	Y.Shimoda
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Input (V)	AC220V
Output (V)	AC0~200V
Output (W)	5KW
Air cooling	AC220V
Height (H)	250
Width (W)	250
Depth (D)	120
D/#	HCVAC-220V/200V-5kw
Model	Equipped with AC terminal for air cooling Manual Power Controller for Halogen Heater

Date 2017.4.4

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