

# Manual

# Halogen Heater Controller

## HCV series



# Heat-tech

5th Edition

# 1.Manual halogen heater controller HCV series



Equipped with a dial, user can manually voltage control of the halogen heater.

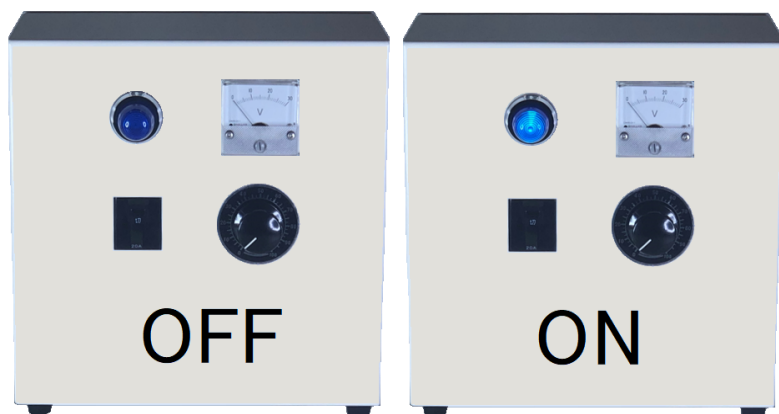
## Specifications

### Specifications

D/#	Power supply	Output Voltage-Current	Power supply for cooling fan
HCV-AC100-240V/DC6V-25A	AC100~240V	DC6V-25A	With-out
HCV-AC100-240V/DC12V-25A	AC100~240V	DC12V-25A	With-out
HCV-AC100-240V/DC24V-12.5A	AC100~240V	DC24V-12.5A	With-out
HCV-AC100-240V/DC36V-12.5A	AC100~240V	DC36V-12.5A	With-out
HCV-AC100-240V-25A	AC100~240V	AC100~240V-25A	With-out
HCV-AC100-240V-50A	AC100~240V	AC100~240V-50A	With-out
HCV-AC100-240V-75A	AC100~240V	AC100~240V-75A	With-out
HCV-AC220V/AC100V-25A	AC220V	AC100V-25A	With-out
HCV-AC220V/AC120V-25A	AC220V	AC120V-25A	With-out
HCV-AC240-480V-25A	AC240-480V	AC240-480V-25A	With-out
HCV-AC240-480V-50A	AC240-480V	AC240-480V-50A	With-out
HCV-AC240-480V-75A	AC240-480V	AC240-480V-75A	With-out
HCV-AC240-480V-100A	AC240-480V	AC240-480V-100A	With-out
HCV-AC380-480V-25A	AC380-480V	AC380-480V-25A	With-out
HCV-AC380-480V-50A	AC380-480V	AC380-480V-50A	With-out
HCV-AC380-480V-75A	AC380-480V	AC380-480V-75A	With-out
HCV-AC380-480V-100A	AC380-480V	AC380-480V-100A	With-out
HCVD-AC100-240V/DC12V-25A	AC100~240V	DC12V-25A	DC24V-0.5A
HCVD-AC100-240V/DC24V-12.5A	AC100~240V	DC24V-12.5A	DC24V-0.5A
HCVD-AC100-240V/DC36V-12.5A	AC100~240V	DC36V-12.5A	DC24V-0.5A
HCVD-AC100-240V-25A	AC100~240V	AC100~240V-25A	DC24V-0.5A
HCVD-AC100-240V-50A	AC100~240V	AC100~240V-50A	DC24V-0.5A
HCVD-AC100-240V-75A	AC100~240V	AC100~240V-75A	DC24V-0.5A

### Additional Specifications

D/#	Function
CUD	Color universal design type blue light.
FPR	Front Protection Rail
RPR	Rear Protection Rail
LH	Lifting Handle
Power Cable	Manufacture the specification of the power cable.



Color universal design type HCV-CUD / HCVD-CUD

A blue indicator light is used to create a color scheme that is easy for anyone to see.

Please specify additional CUD to the model of your order.



【 Options Front Protection Rail ・ Rear Protection Rail ・ Lifting Handle 】

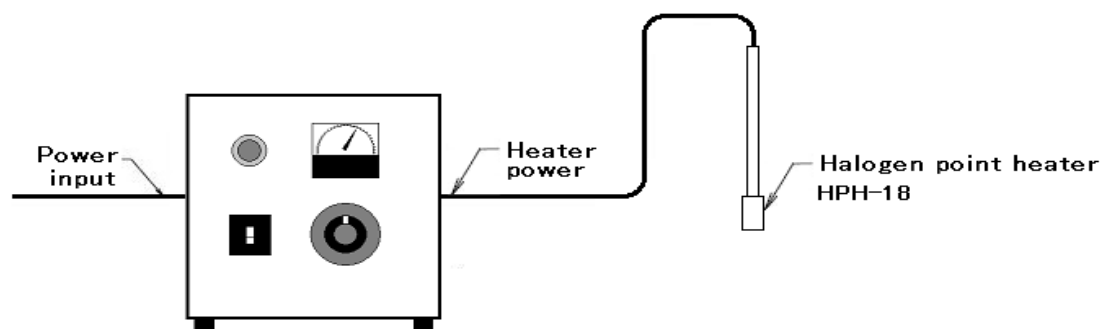
## 1-1.Standard type HCV



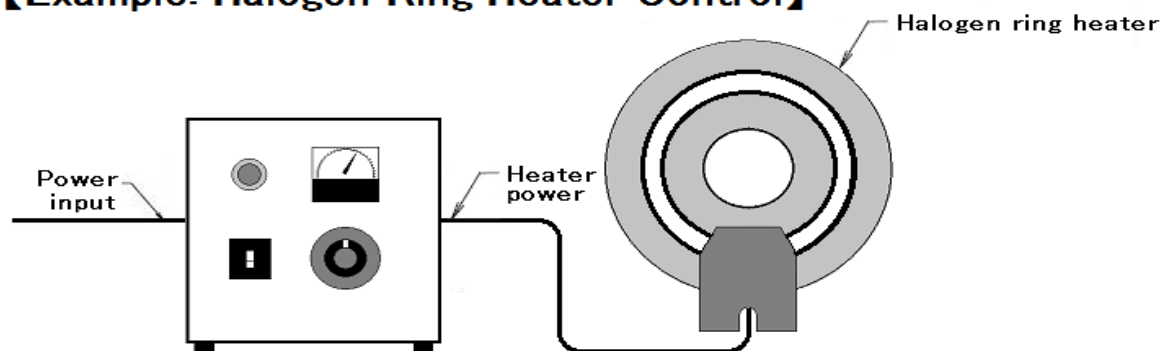
Equipped with a dial, user can manually voltage control of the halogen heater.

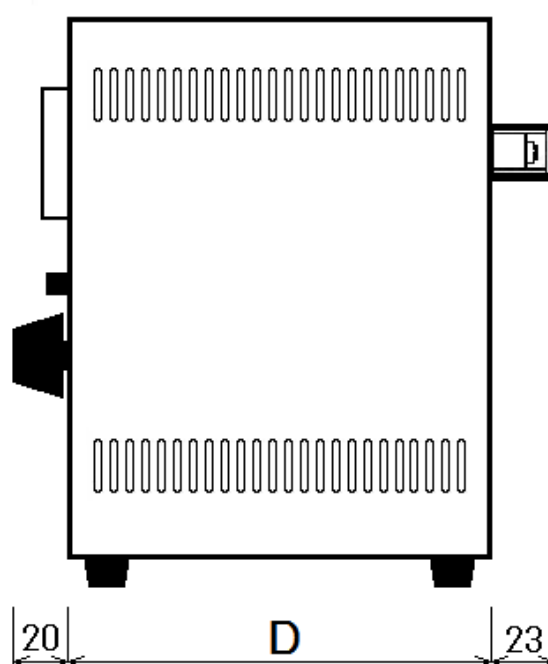
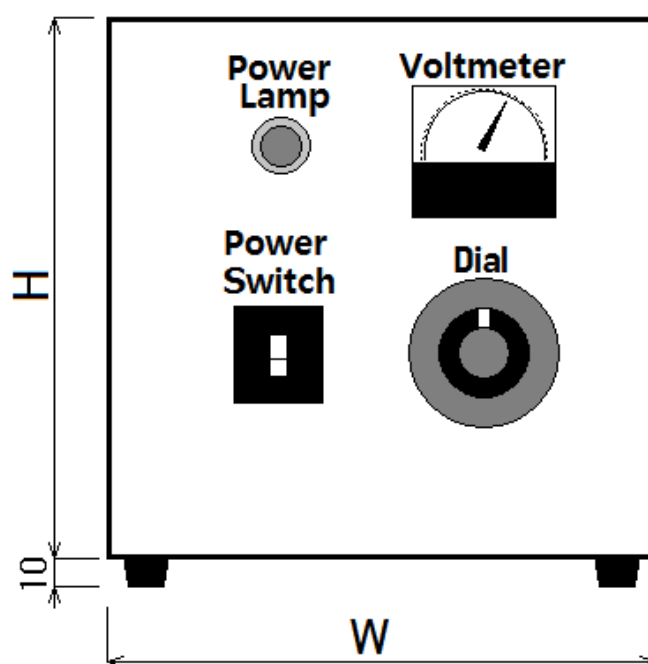
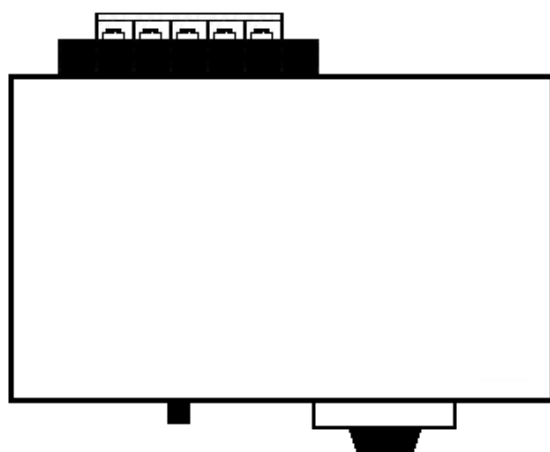
### **【Example: Halogen Point Heater Control】**

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### **【Example: Halogen Ring Heater Control】**





Input (V)	AC100V-240V							AC220V	
Output (V)	DC6V	DC12V	DC24V	DC36V	AC100V-240V			AC100V	AC120V
Output (A)	25A	25A	12.5A	12.5A	25A	50A	75A	25A	25A
Height (H)	250								
Width (W)	250								
Depth (D)	120								
D/#	HCV-Input(V) / (Output (V)-Output (A)								
Model	Manual Power Controller for Halogen Heater								

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2023.8.25

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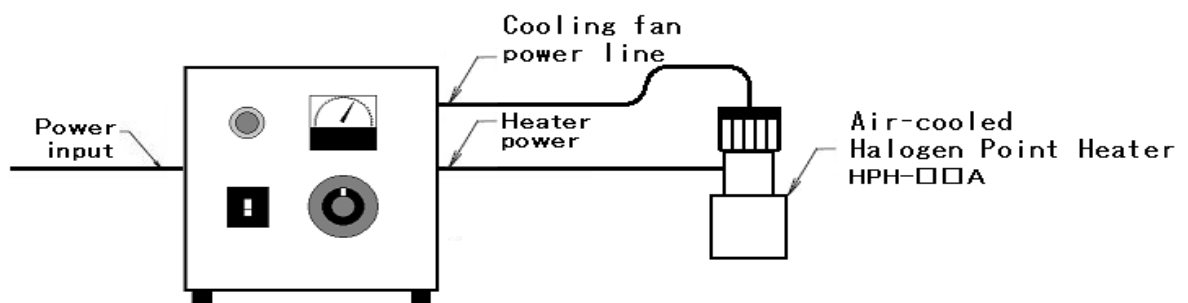
## 1-2.DC power supply built-in for air cooling type HCVD



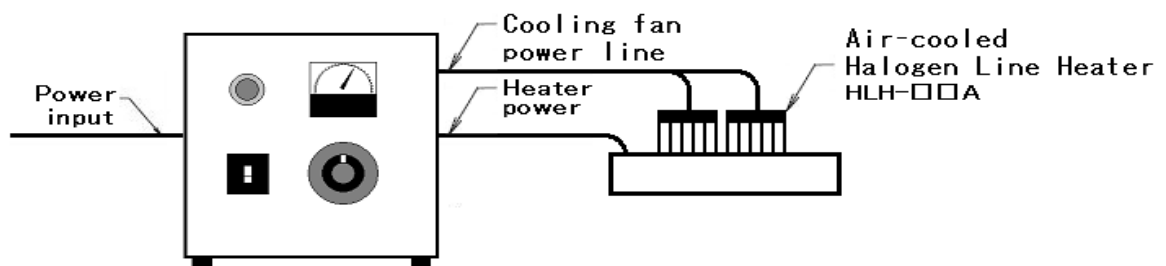
Equipped with a dial and DC power supply for the air cooling fan, user can manually voltage control of the air-cooled halogen heater.

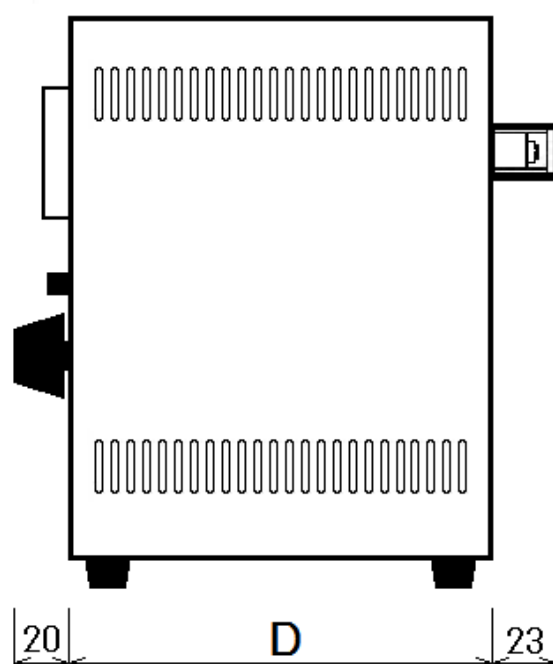
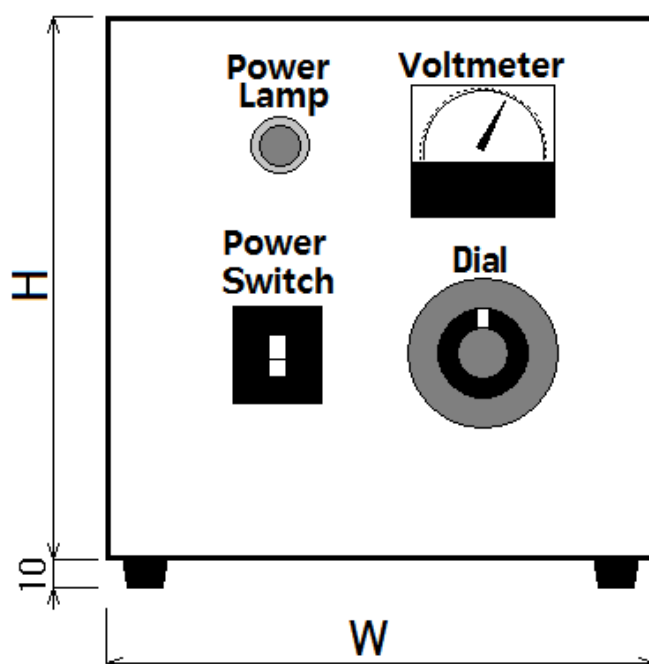
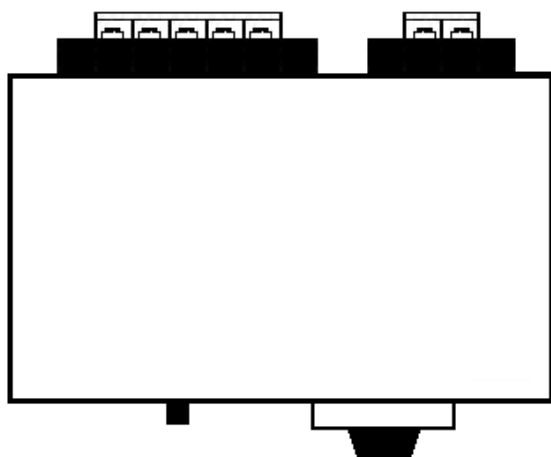
### **【Example: Halogen Point Heater Control】**

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### **【Example: Halogen Line Heater Control】**





Input (V)	AC100V-240V					
Output (V)	DC12V	DC24V	DC36V	AC100V-240V		
Output (A)	25A	12.5A	12.5A	25A	50A	75A
DC Power	DC24V 0.5A					
Height (H)	250					
Width (W)	250					
Depth (D)	120					
D/#	HCVD-Input(V) / (Output (V)-Output (A)					
Model	DC power supply built-in for air cooling Manual Power Controller for Halogen Heater					

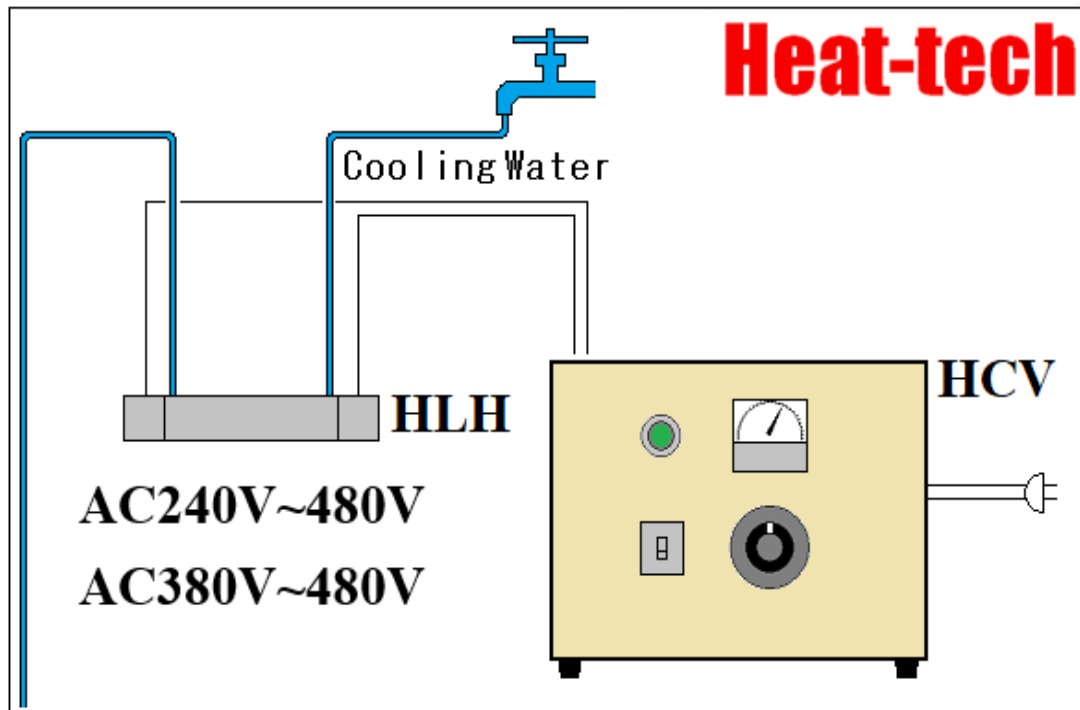
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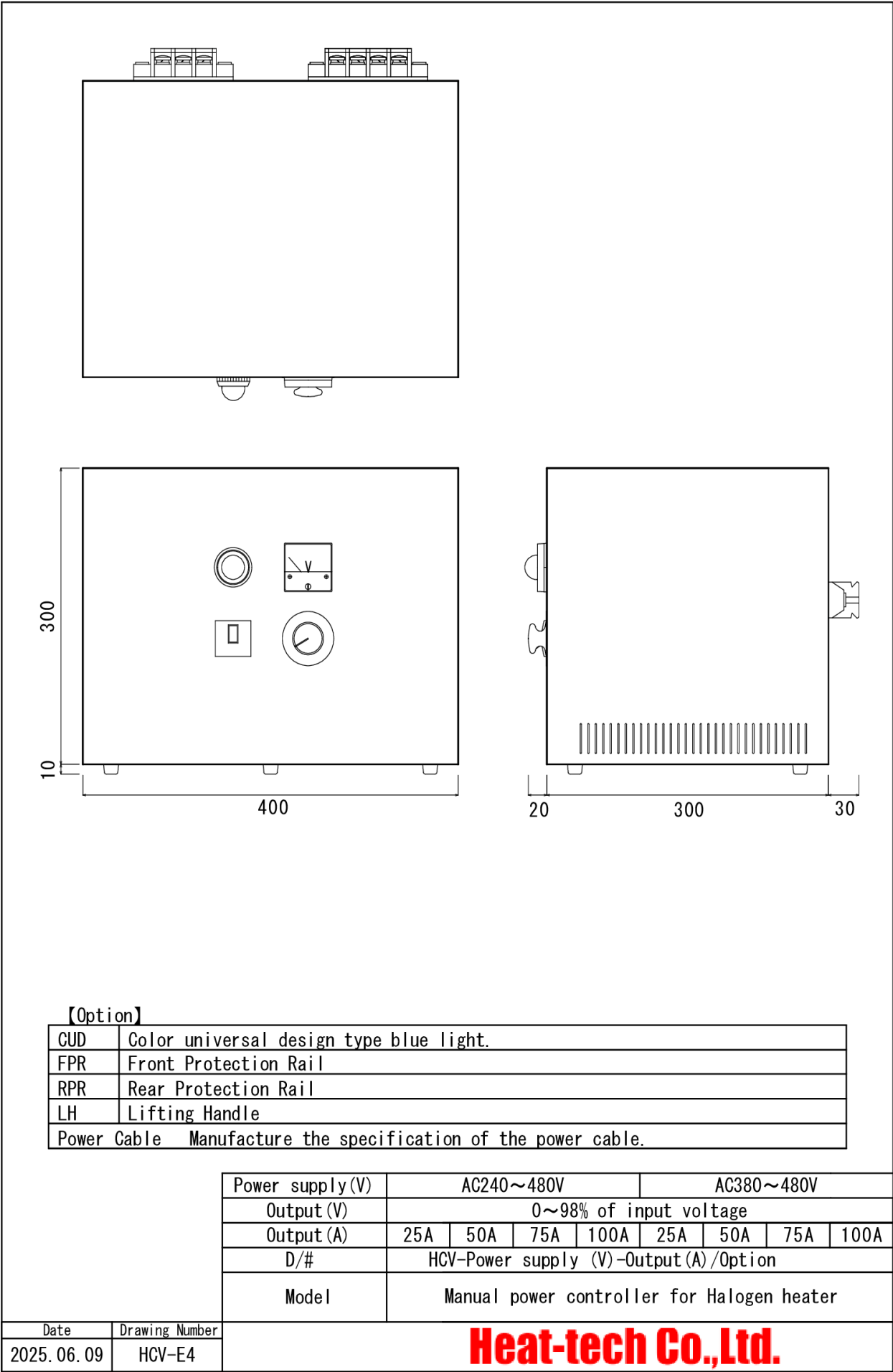
1-3.280V, 300V, 380V, 400V, 415V power supply type HCV

Stable temperature control is achieved even in a 400V environment. The "HCV", ideal for research and production sites, is finally here.

The dial allows manual voltage control for 280V, 300V, 380V, 400V, and 415V heaters. This heater controller can be used from 240V to 480V.

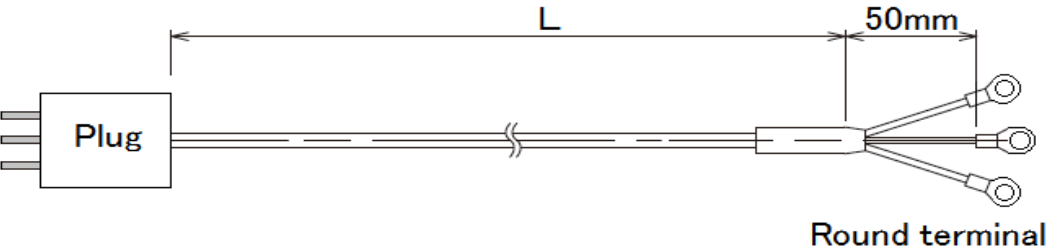






# 2.Power Cable for Heater Controller

Manufacture the specification of the power cable.



Type A	Type B	Type C	Type D	Type E	Type F
Type G	Type H	Type I	Type J	Type L	

		15 AMPERE		20 AMPERE		30 AMPERE	
		Receptacle	Plug	Receptacle	Plug	Receptacle	Plug
VOLT	NEMA						
125 V	L1	L1-15R	L1-15P				
250 V	L2						
				L2-20R	L2-20P		
125 V	L5						
		L5-15R	L5-15P	L5-20R	L5-20P	L5-30R	L5-30P
250 V	L6						
		L6-15R	L6-15P	L6-20R	L6-20P	L6-30R	L6-30P
277V, A.C.	L7						
		L7-15R	L7-15P	L7-20R	L7-20P	L7-30R	L7-30P
480 V	L8						
				L8-20R	L8-20P	L8-30R	L8-30P
600 V	L9						
				L9-20R	L9-20P	L9-30R	L9-30P

When the plug or the connector which the upper figure does not have are necessary, we will manufacture as much as possible.

<< Quotation model specification method >>

(Heater controller model) – (Plug shape) – (Cable length)

<< Quotation example >>

HCVD-AC100-240V/-DC36V-600W-TypeA-5m

No-touch High Temperatures Heating

# **Heat-tech**

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