

# Manual

# Halogen Heater Controller

## HCV series



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# 1. Manual halogen heater controller HCV series



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

## **【Specifications and conformity】**

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
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

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.

D/#	Heater compatible models		
	Point Heater	Line Heater	Ring Heater
HCV-AC100-240V/DC6V-25A	FPH-30		
HCV-AC100-240V/DC12V-25A	HPH-12·18·30·35 FPH-60		
HCV-AC100-240V/DC24V-12.5A	HPH-30·35·60		
HCV-AC100-240V/DC36V-12.5A	HPH-60		
HCV-AC100-240V-25A	HPH-120W·160W	HLH-30W·35W·40W·50W·55W·60W·65W	HRH-C98
HCV-AC100-240V-50A			
HCV-AC100-240V-75A			
HCV-AC220V/AC100V-25A	HPH-120W·160W		
HCV-AC220V/AC120V-25A	HPH-160W		
HCVD-AC100-240V/DC12V-25A	HPH-60A		
HCVD-AC100-240V/DC24V-12.5A	HPH-60A		
HCVD-AC100-240V/DC36V-12.5A	HPH-60A		
HCVD-AC100-240V-25A	HPH-120A	HLH-30A·35A·55A·60A·65A	
HCVD-AC100-240V-50A			
HCVD-AC100-240V-75A			



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 】

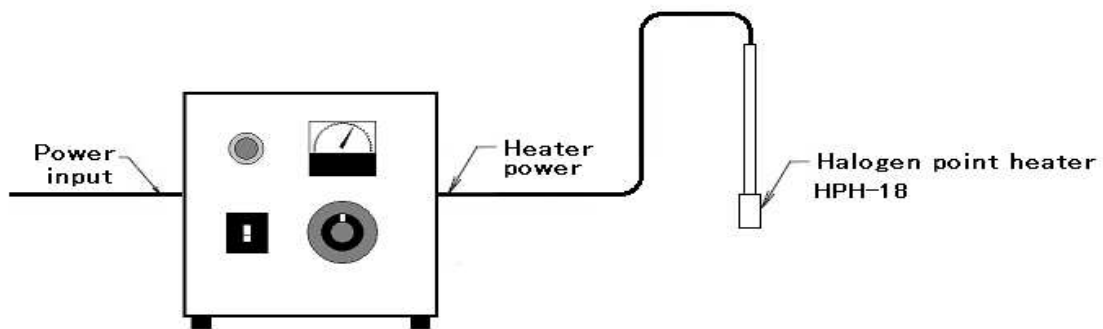
## 1-1. Standard type HCV



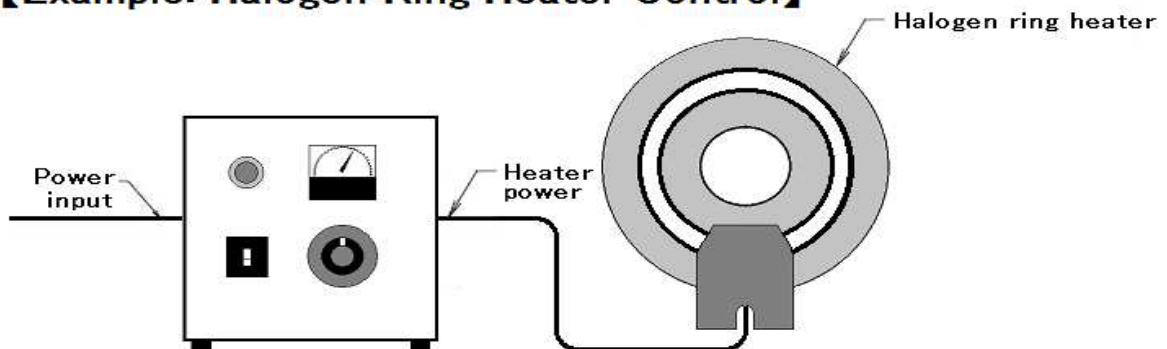
Equipped with a dial, user can manually voltage control of the halogen heater.

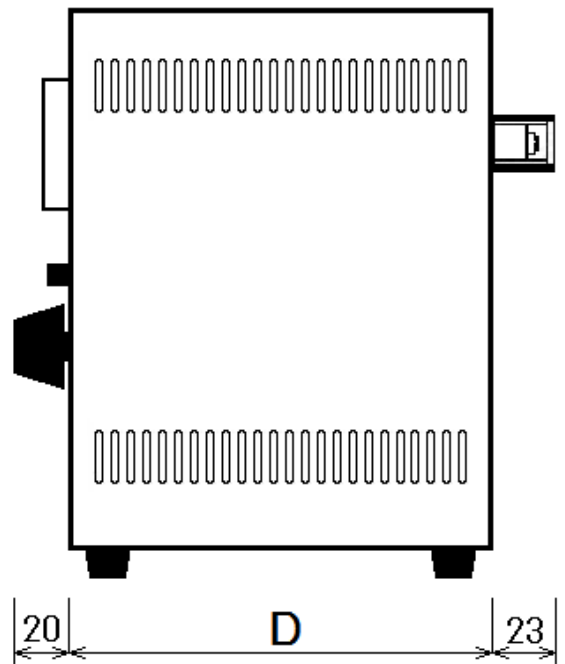
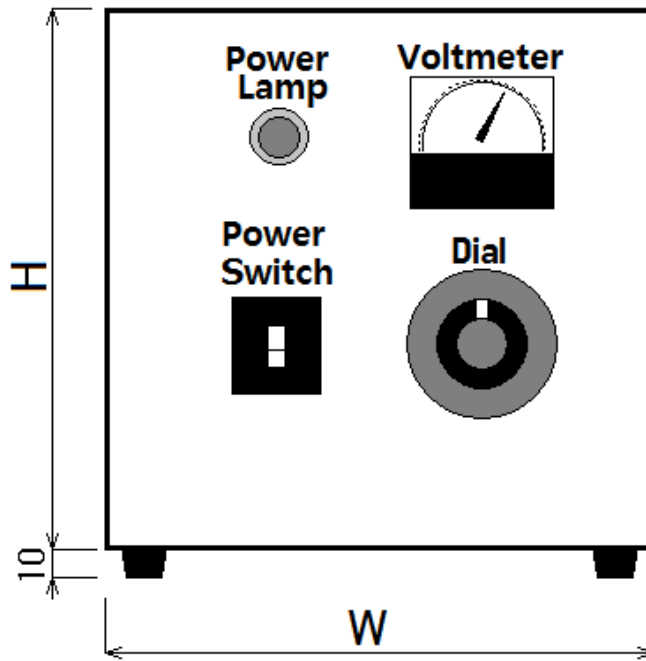
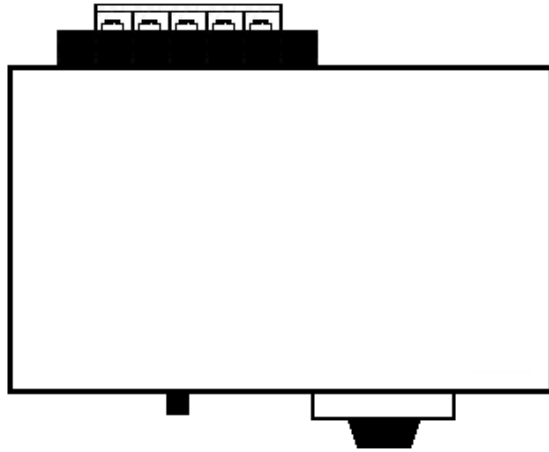
### 【Example: Halogen Point Heater Control】

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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								

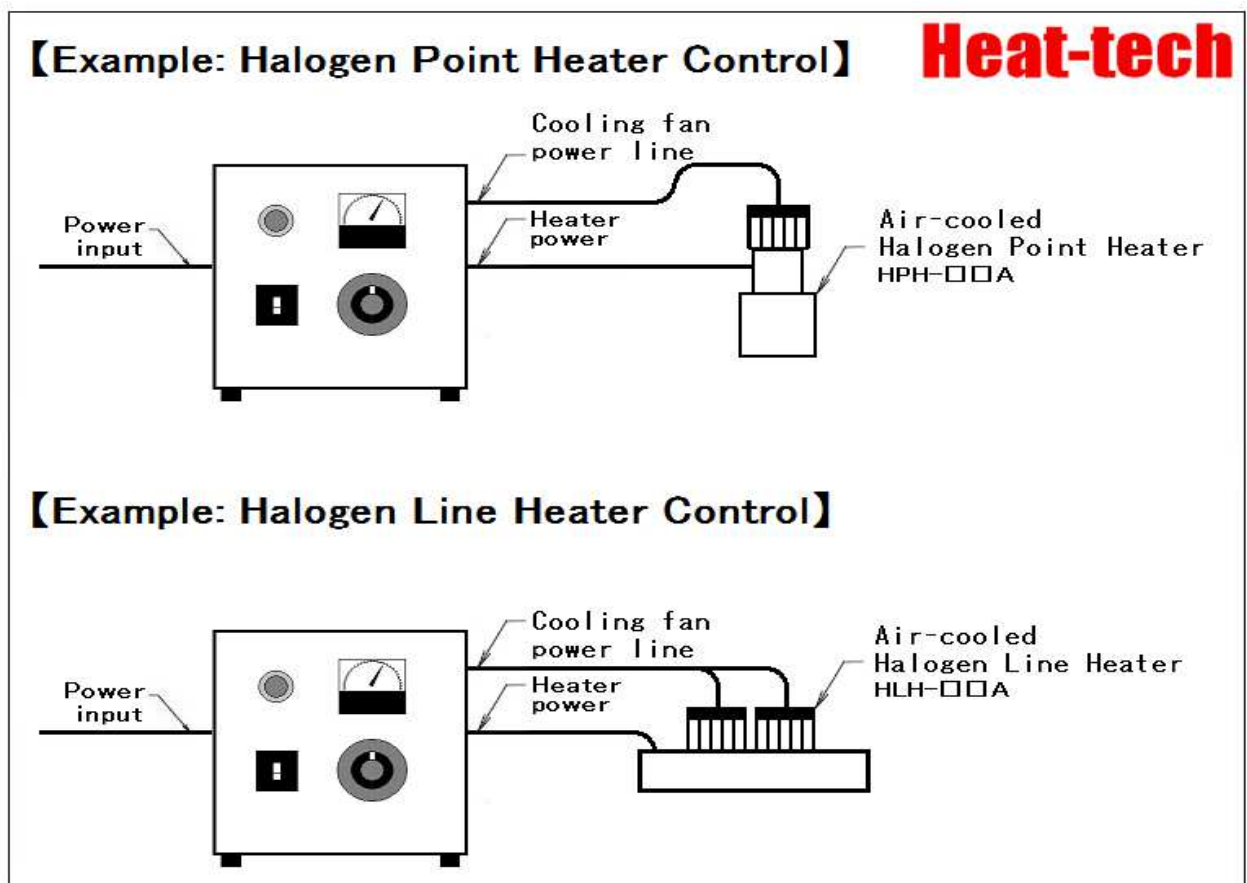
Date  
2023.8.25

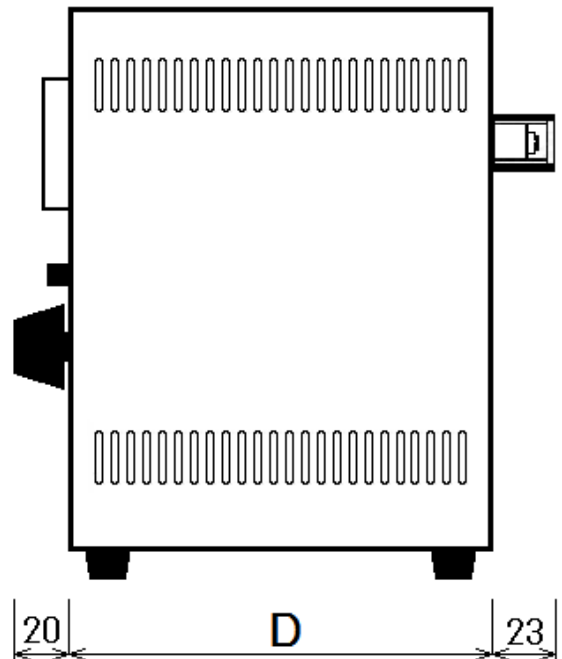
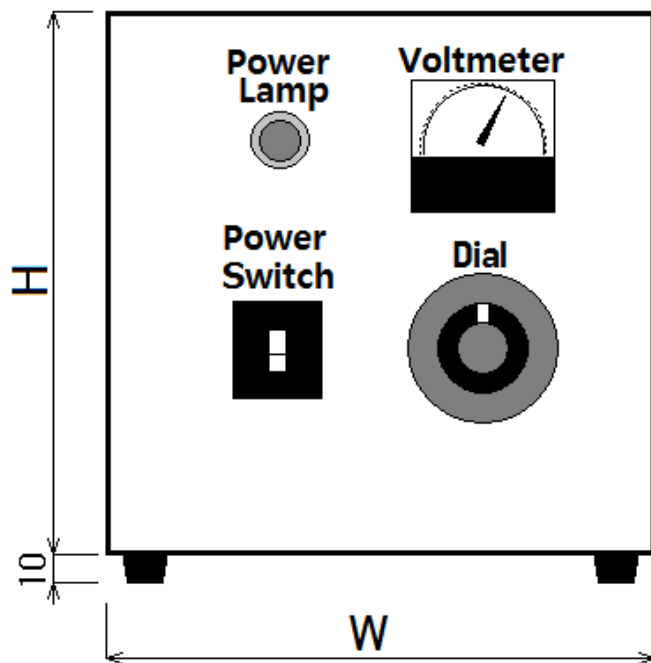
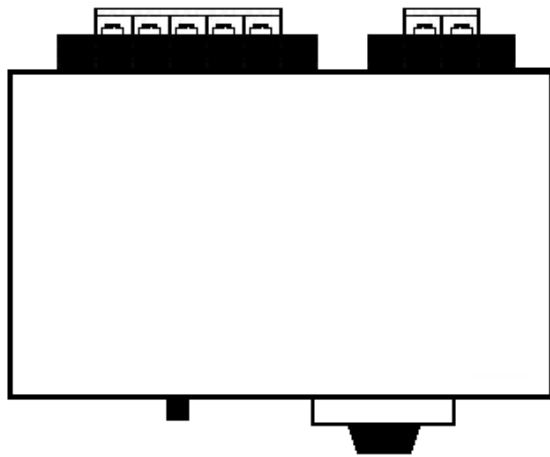
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## 1-2.DC power supply built-in for air cooling type HCVD



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





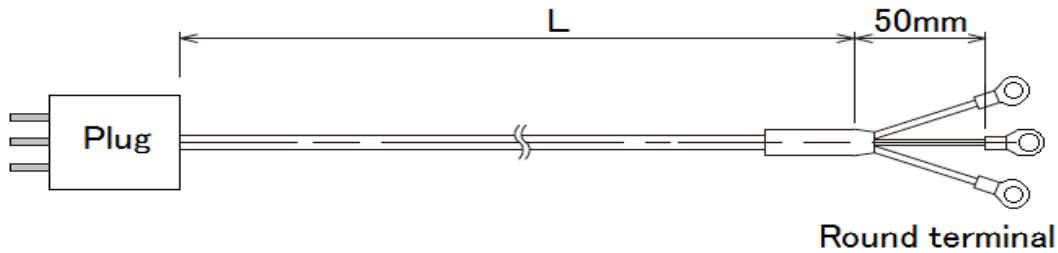
Input (V)	AC100V-240V					
Output (V)	DC12V	DC24V	DC36V	AC100V-240V		
Output (A)	25A	12.5A	12.5A	25A	50A	75A
DC Power	DC24V 0.5A					
Height (H)	250					
Width (W)	250					
Depth (D)	120					
D/#	HCVD-Input(V) / (Output (V)-Output (A))					
Model	DC power supply built-in for air cooling Manual Power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

Date  
2023.8.25

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## 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	

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

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

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