

Carbon spiral heater

CFSH series



Heat-tech

1th edition

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1.Features of CFSH

1. Illuminates in a circular pattern from all directions.

Illuminate

2. Ideal for resin heating

Since it is a carbon fiber heating element derived from a polymer compound, it is good at heating resin.

3. Quick start-up

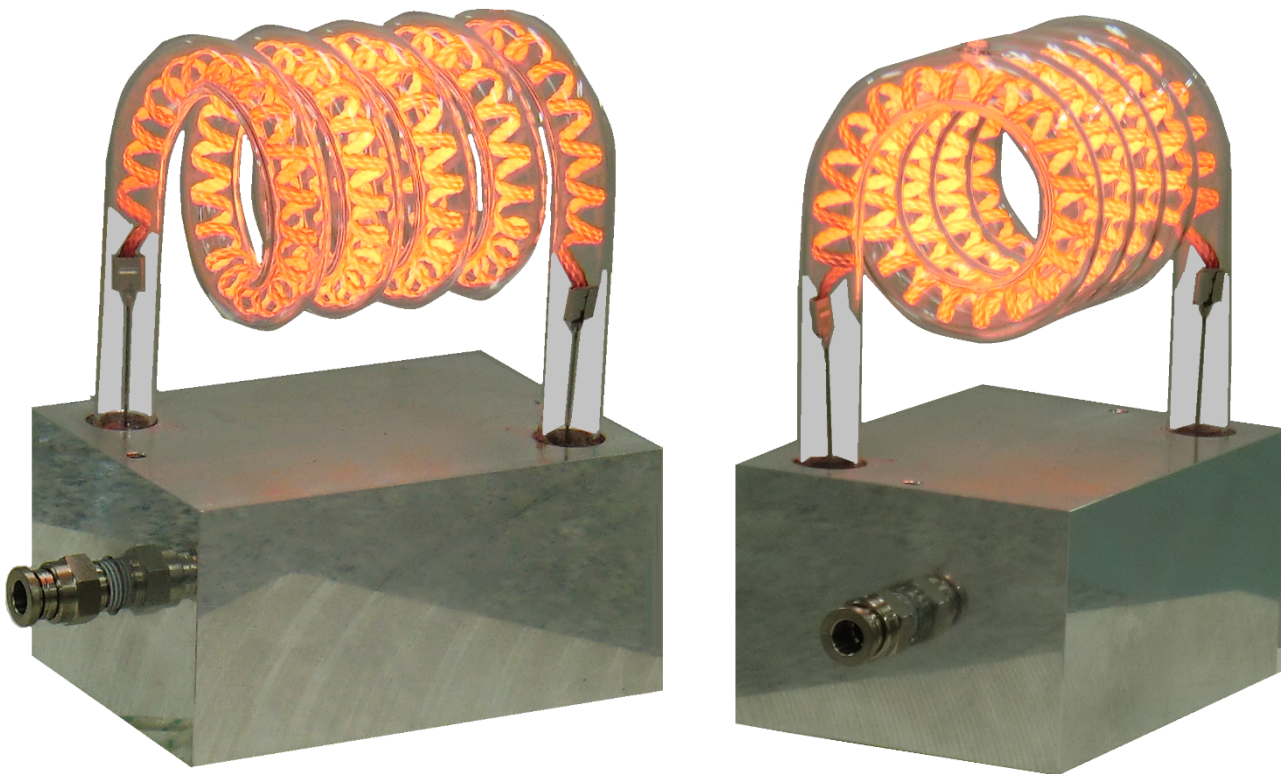
Reaching 80% in just 2.7 second and 100% in 8.5 seconds.

4. Free heating direction

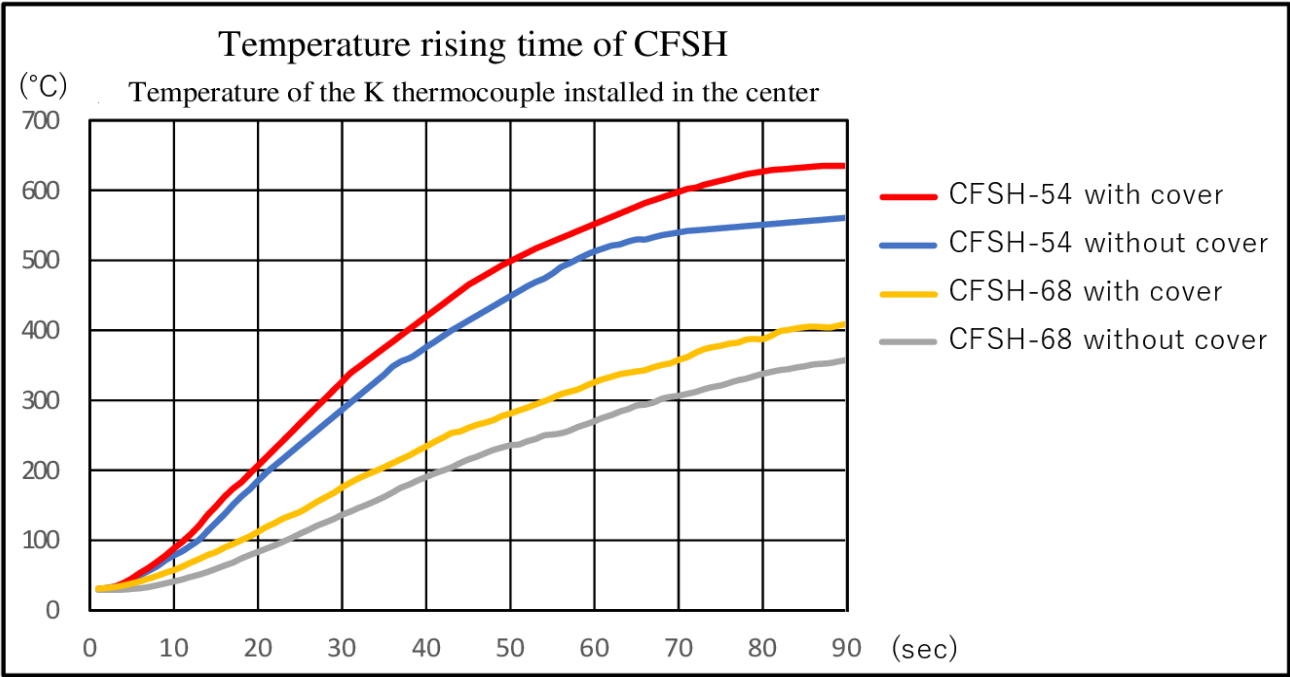
Since the heating element is made of flexible material, it can be processed into line or ring shapes.

The heating element itself is lightweight and can be lit in any direction, vertically, horizontally or diagonally. Moreover, it has excellent impact resistance.

2. Outline photograph of CFSH



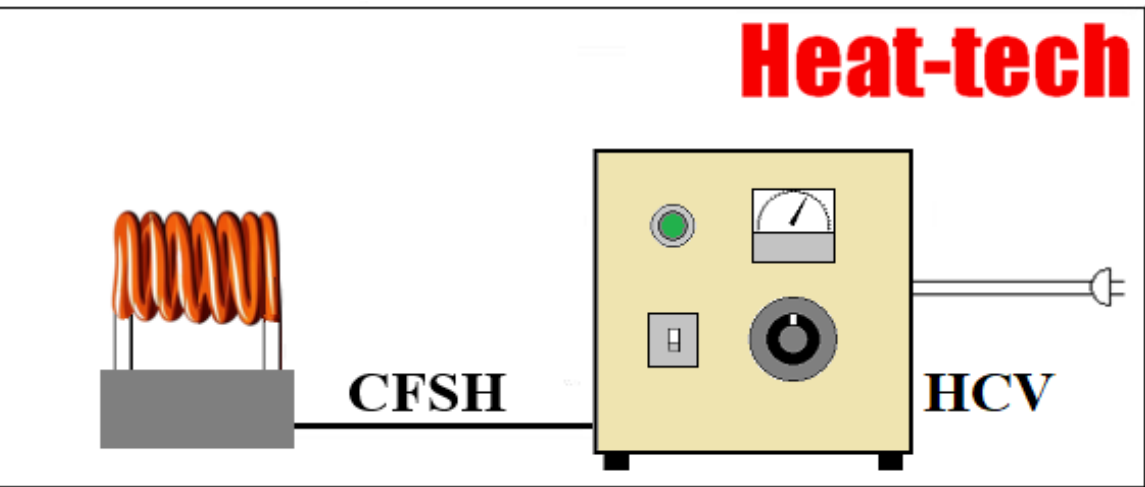
3. Temperature rising time of CFSH



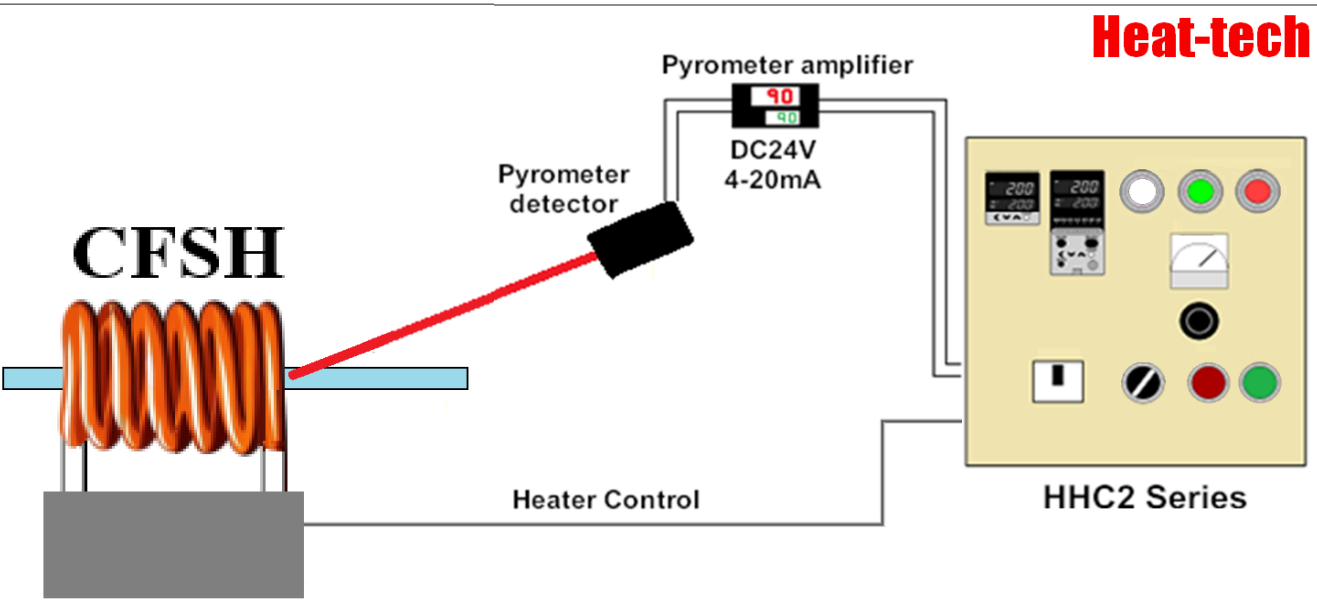
【please note】

In infrared heating, the heating temperature changes depending on the infrared absorption rate of the o
The closer the heating distance, the higher the temperature.
The longer the heating time, the higher the temperature.

4. Manual control → HCVD series



5. Automatic temperature control → HHC2 series

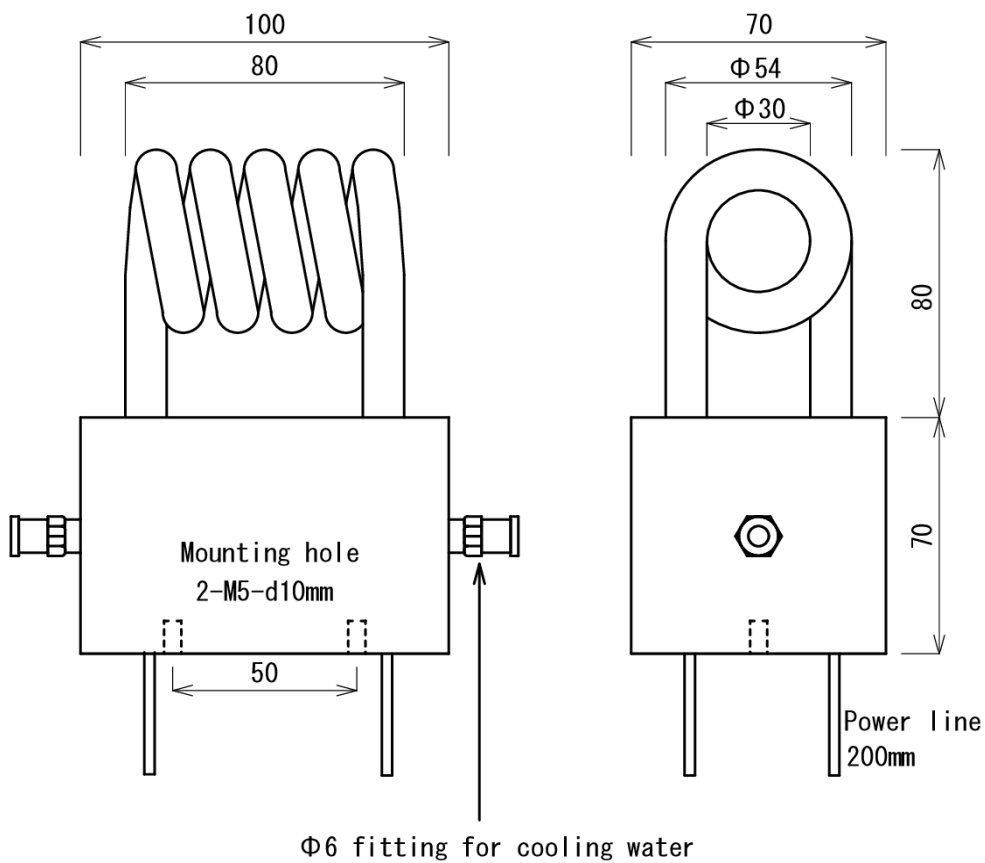


6.Configuration of CFSH

D/#	Outer - inner	Volts-Watts
CFSH-54/220V-1.5kW	Φ54-Φ30	220V-1.5kW
CFSH-68/220V-1.5kW	Φ68-Φ44	220V-1.5kW

Options	Material
CFSH-54 Square Cover	Made of aluminum
CFSH-68 Square Cover	Made of aluminum
CFSH Mounting Bracket	Made of stainless steel, set of 2
/P□m	Power wire per 1m

7. Outline drawing of CFSH

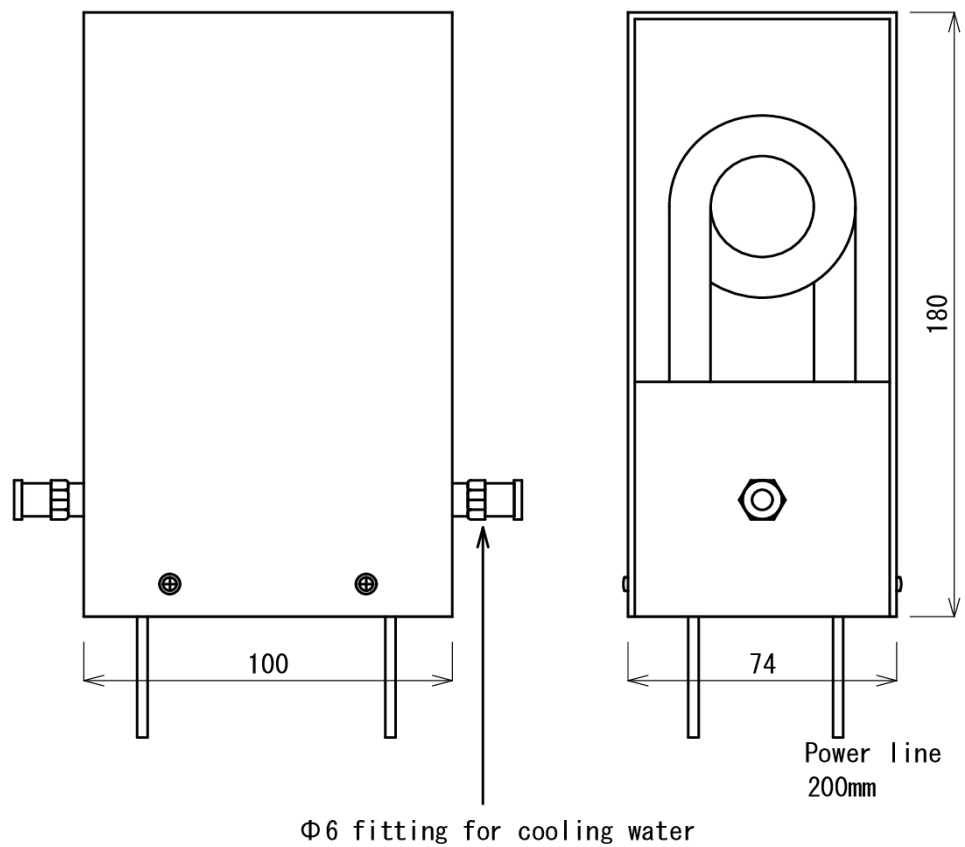


【Optional Features】
/P* Specify Powerline length
/C Square Cover
/MB Mounting Bracket
/I Eyebolt
/K K-Type Thermocouple

Outer Diameter	Φ54
Inner Diameter	Φ30
Pipe Diameter	Φ12
Voltage	220V
Power	1.5kW
D/#	CFSH-54/220V-1.5kW/Option
Model	Carbon Spiral Heater

Date	Drawing Number
2025. 03. 26	CFSH-E51

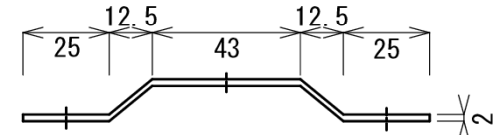
Heat-tech Co.,Ltd.



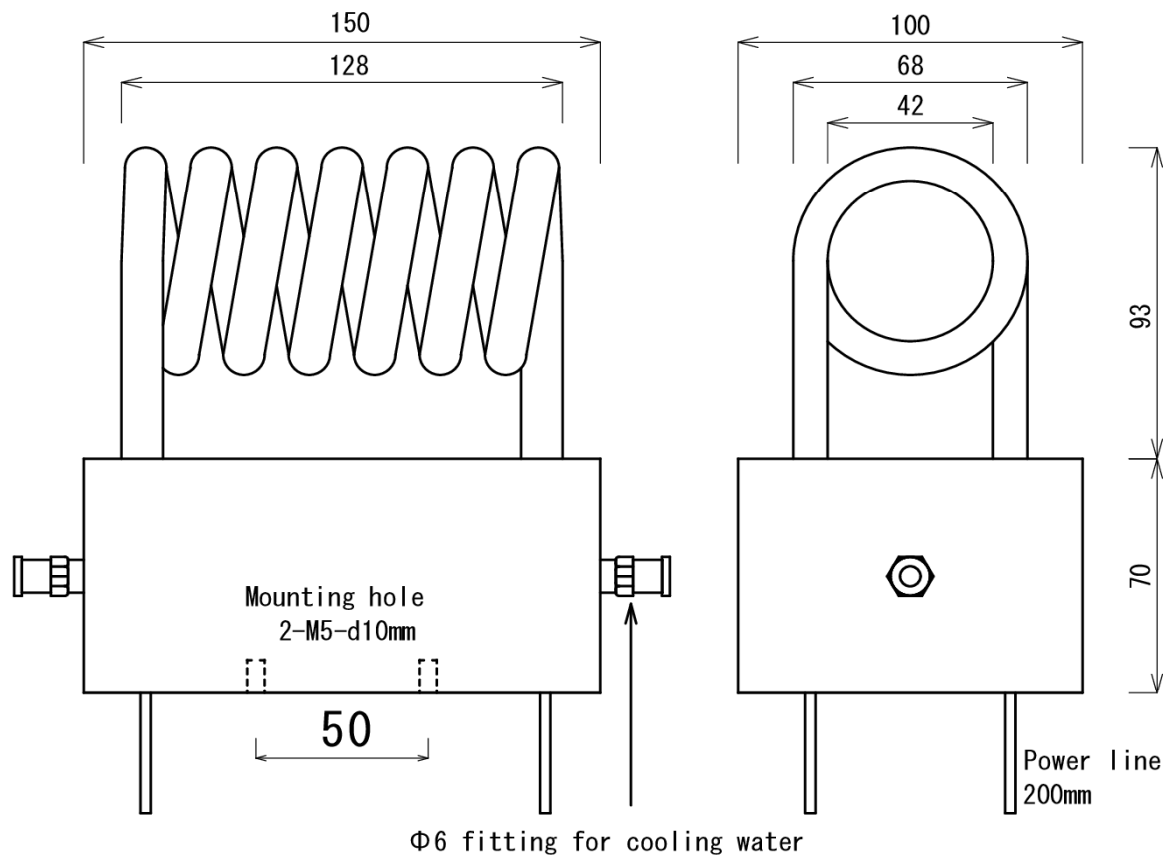
Material	Aluminum
Plate Thickness	2mm
D/#	CFSH-54 Square Cover
Model	Carbon Spiral Heater Square Cover

Date	Drawing Number
2025. 03. 26	CFSH-E52

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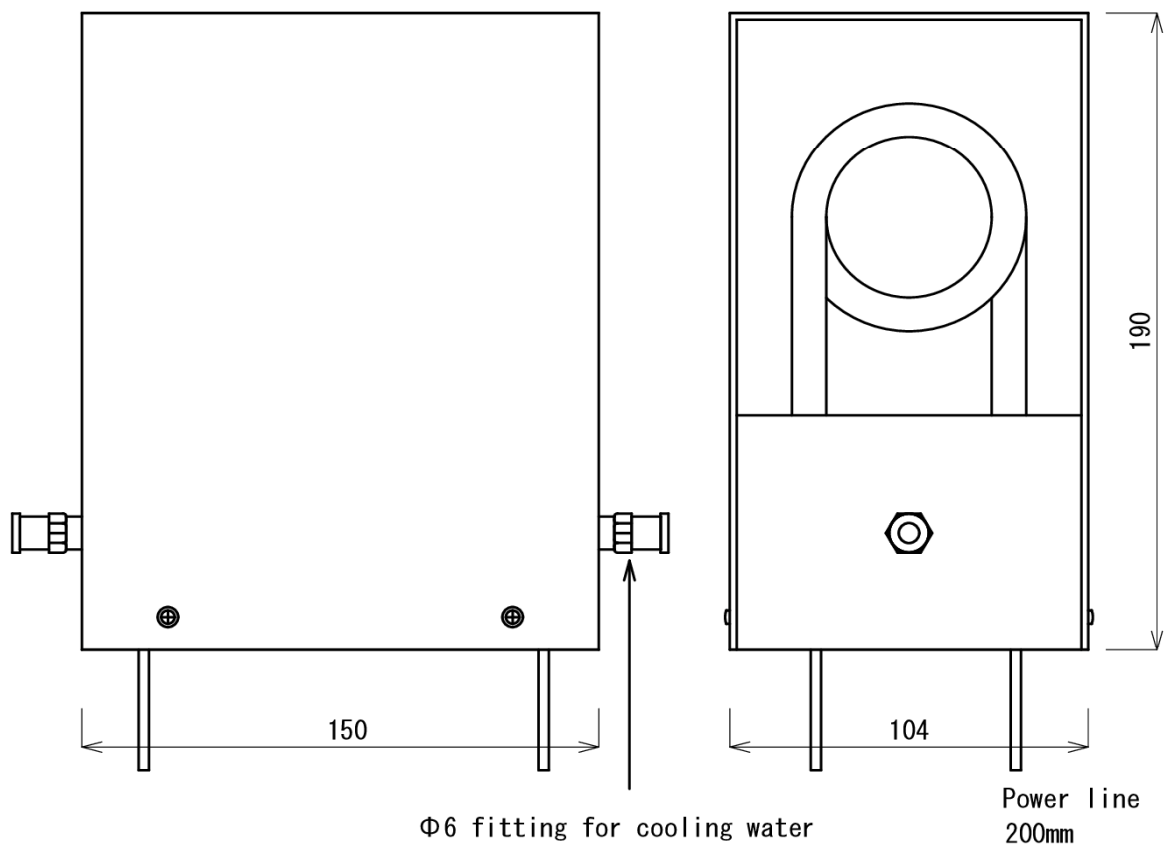


【Optional Features】
 /P*mm Specify Powerline length
 /C Square Cover
 /MB Mounting Bracket
 /I Eyebolt
 /K K-Type Thermocouple

Outer Diameter	Φ 68
Inner Diameter	Φ 42
Pipe Diameter	Φ 12
Voltage	220V
Power	1.5kW
D/#	CFSH-68/220V-1.5kW/Option
Model	Carbon Spiral Heater

Date	Drawing Number
2025. 03. 26	CFSH-E61

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		Material	Aluminum
		Plate Thickness	2mm
		D/#	CFSH-68 Square Cover
		Model	Carbon Spiral Heater Square Cover
Date	Drawing Number	Heat-tech Co.,Ltd.	
2025. 03. 26	CFSH-E62		

No-touch High Temperatures Hating

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