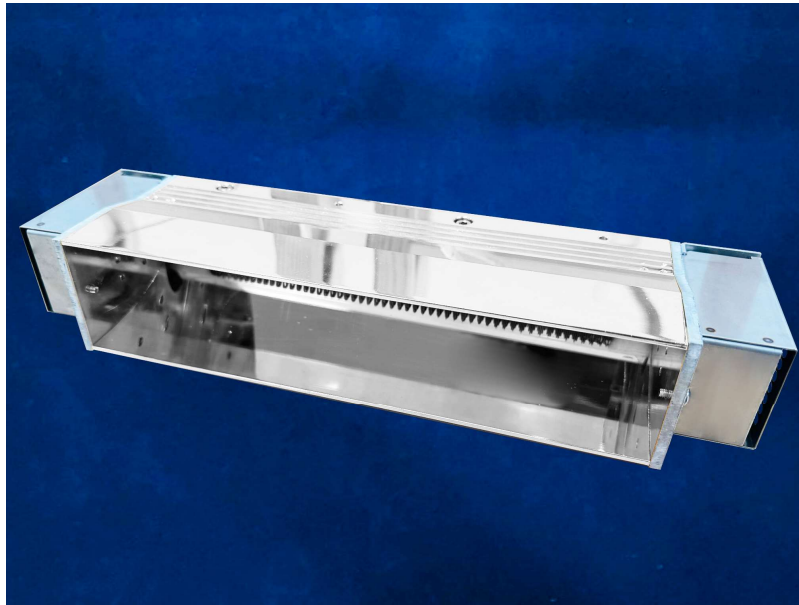


FAST HEATING

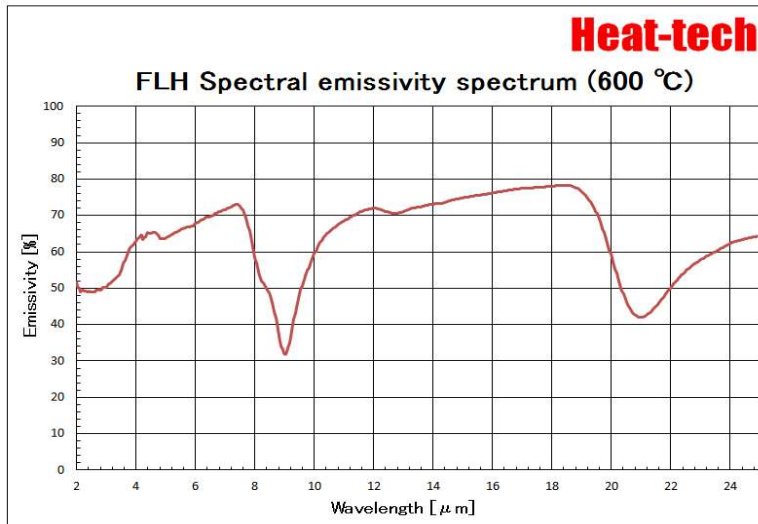
Far-infrared Line Heater

FLH-65 Series

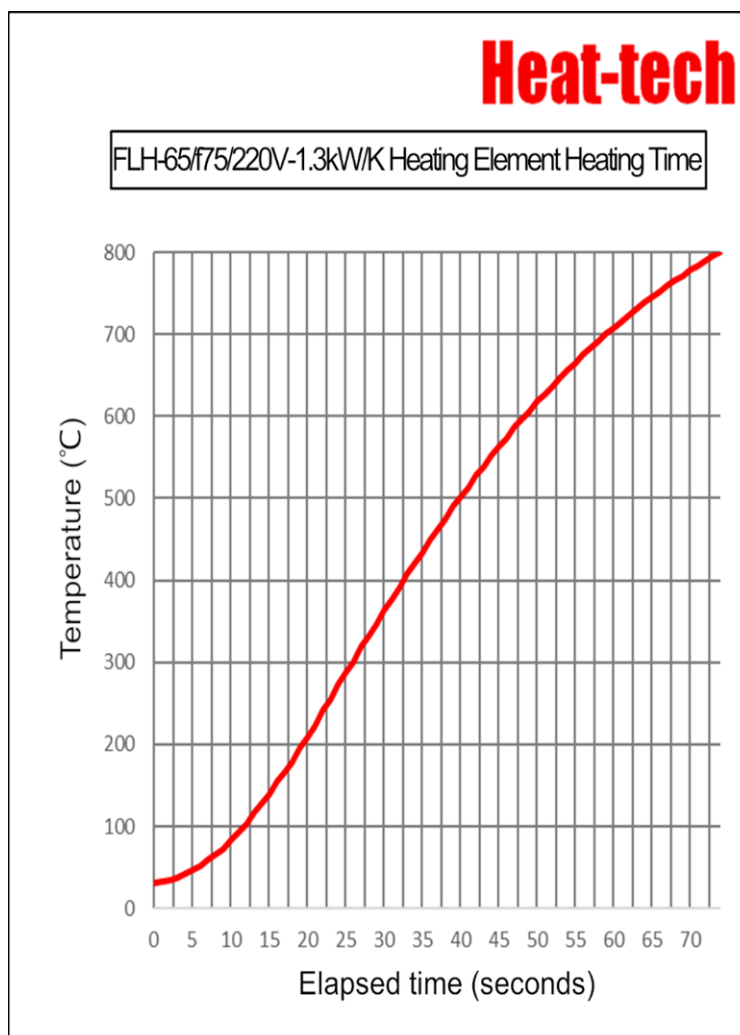


- ◆ Rising is early, so heating time can be reduced.
- ◆ Highly precise temperature control can be done.
- ◆ Frequency management of heating element can be done.
- ◆ This is a far-infrared radiation, so this is good at heating of glass.
- ◆ Ultra-compact.
- ◆ Clean.
- ◆ When this is lined up, plane heating can be done.

Heat-tech

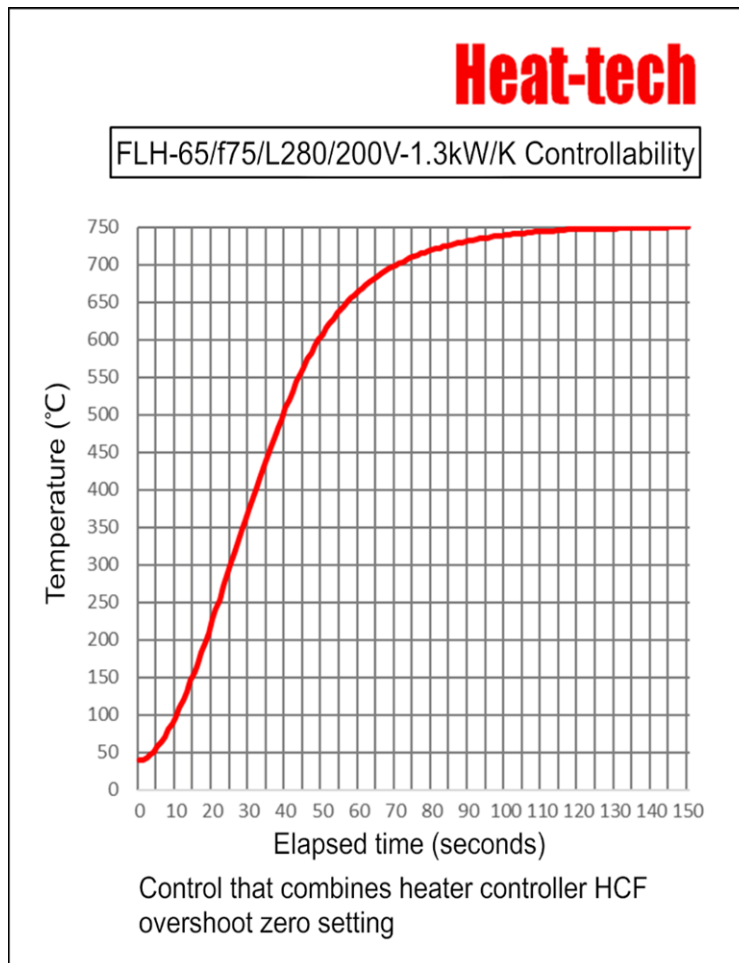


◆ Rising is early, so heating time can be reduced.



◆ Highly precise temperature control can be done.

Since thermocouple built-in, user can adjust freely the temperature of the heating element.



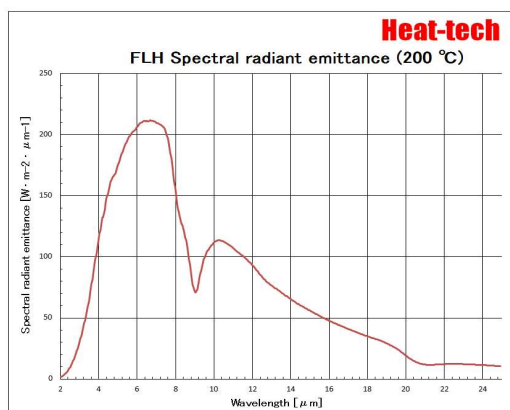
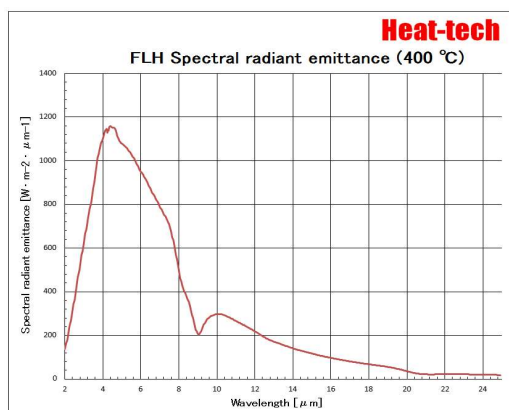
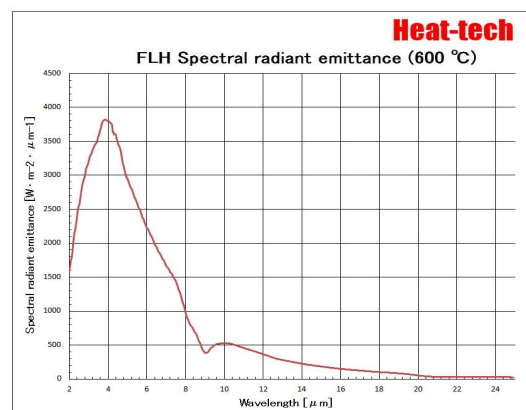
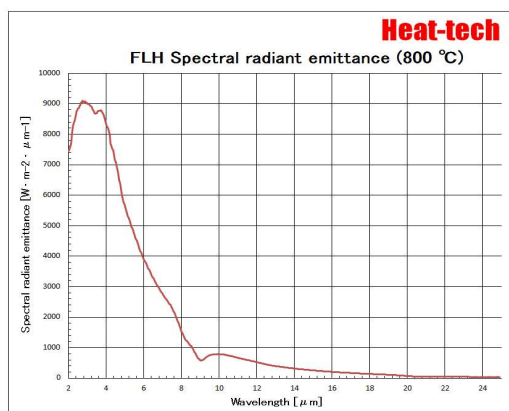
◆ **Frequency management of heating element can be done.**

By adjusting the temperature of the heating element, it is possible to manage the far-infrared rays of the peak frequency

Black body radiation energy

Temp.	Peak wavelength
800°C	2.70 μm
700°C	2.98 μm
600°C	3.32 μm
500°C	3.75 μm
400°C	4.31 μm
300°C	5.06 μm
200°C	6.13 μm
100°C	7.77 μm

✂ It also reduces the transfer (radiation) energy and lower the temperature.

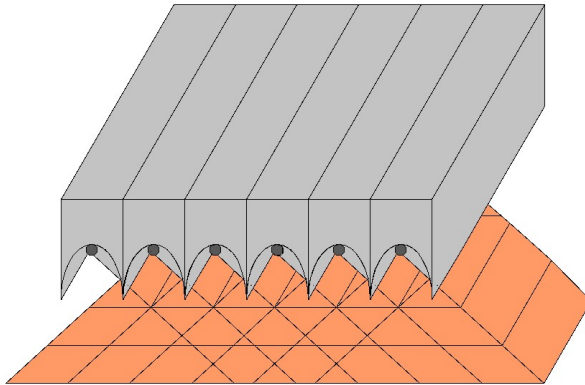


◆ This is a far-infrared radiation, so this is good at heating of glass.

◆ Clean.

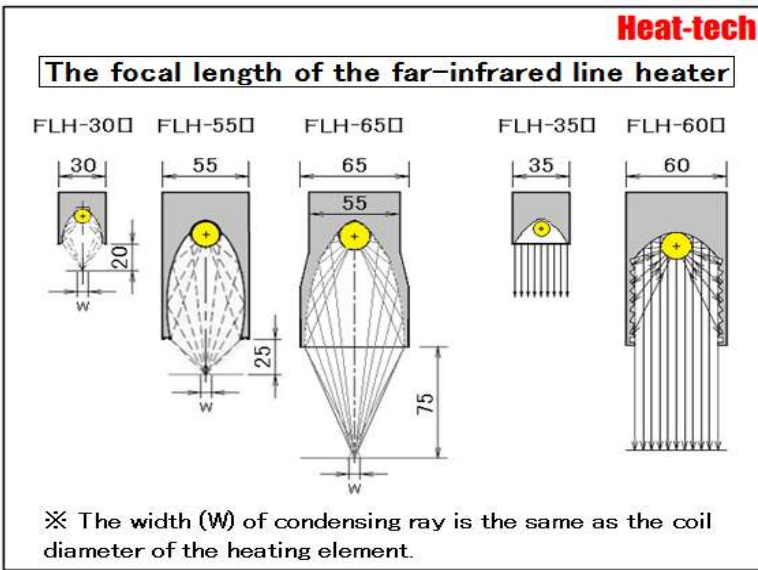
It's medium-less by non-contact heating, so it can be heated very cleanly.

◆ When this is lined up, plane heating can be done.



When used side by side, surface heating is possible.
Uniform far-infrared surface heating can be achieved.

【 Focal length 】



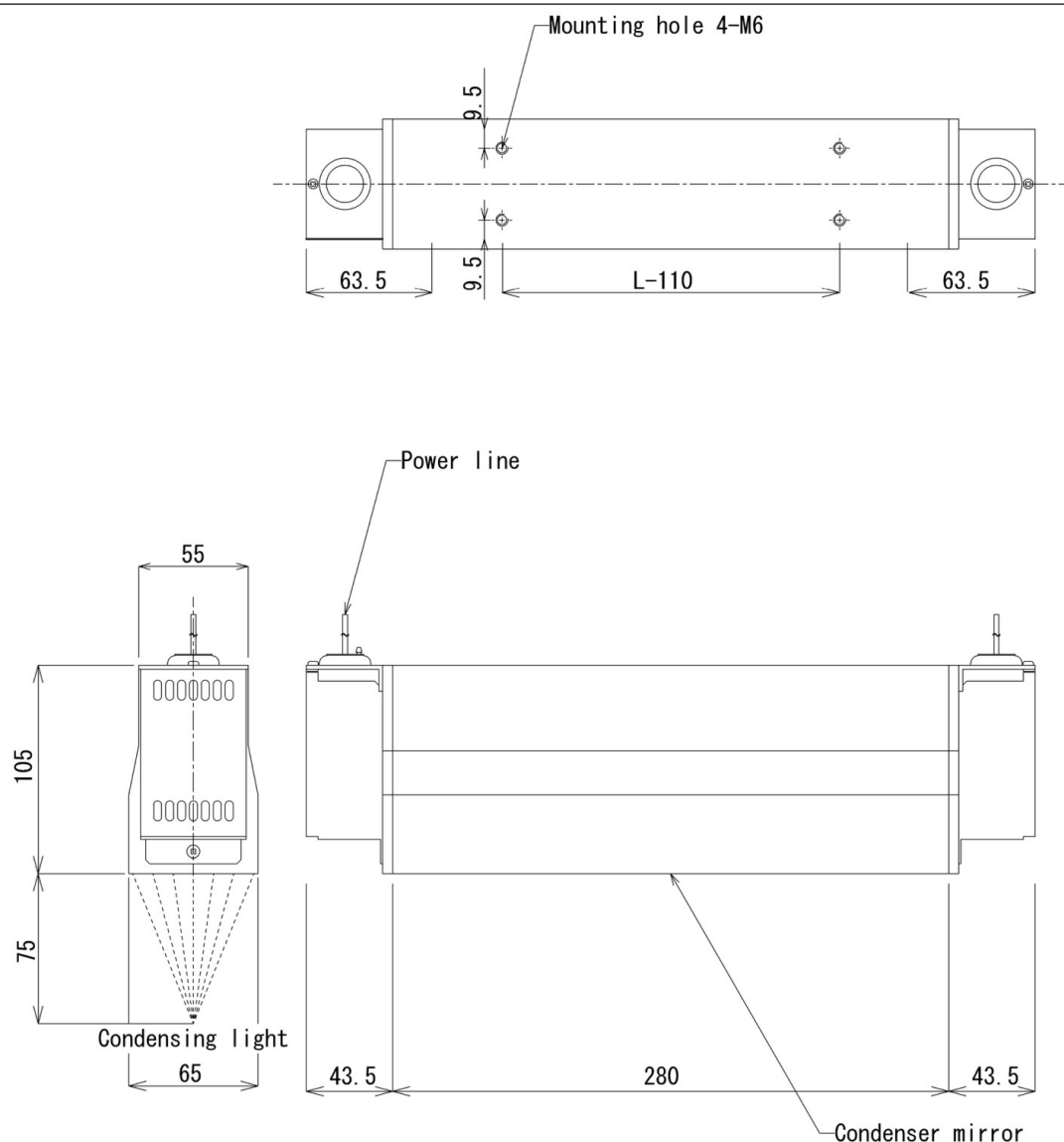
【 Models Variation 】

Model	Optical axis	Condensing beam width	Focal length	Cooling system	Power	Mirror length
FLH-65	Condensing	18mm	75mm	Natural dissipation	300W~1kW	100~280mm
FLH-65A				Air cooling	350W~1.3kW	100~280mm
FLH-65W				Water-cooled	350W~1.3kW	100~280mm

【 Models constitution 】

(Example) FLH-65A/f75/L280/220V-1.3kW/K/P3m•K3m

Basic Model	Mirror width	Cooling	Focal length	Mirror length	Voltage	Wattage	Built-in T/C	Power wire	T/C wire	Detail description
FLH-	65	□	/f75	/L□	/□V-	□W	/□	/P□m	K□m	Far-infrared line heater Condensing type
		無								Natural heat dissipation
		A								Air cooling
		W								Water-cooled
				280						Mirror net length 280mm
				Specified						Mirror net length specified 100~280mm
					220v					Heater voltage 220v
					Specified					Heater voltage Specified
							Specified			Heater power Specified
							Blank			Nothing
							K			K thermocouple
							R			R thermocouple
								Blank		Nothing
								Specified		Nothing
									Blank	Nothing
									Specified	T/C lead wire specified length



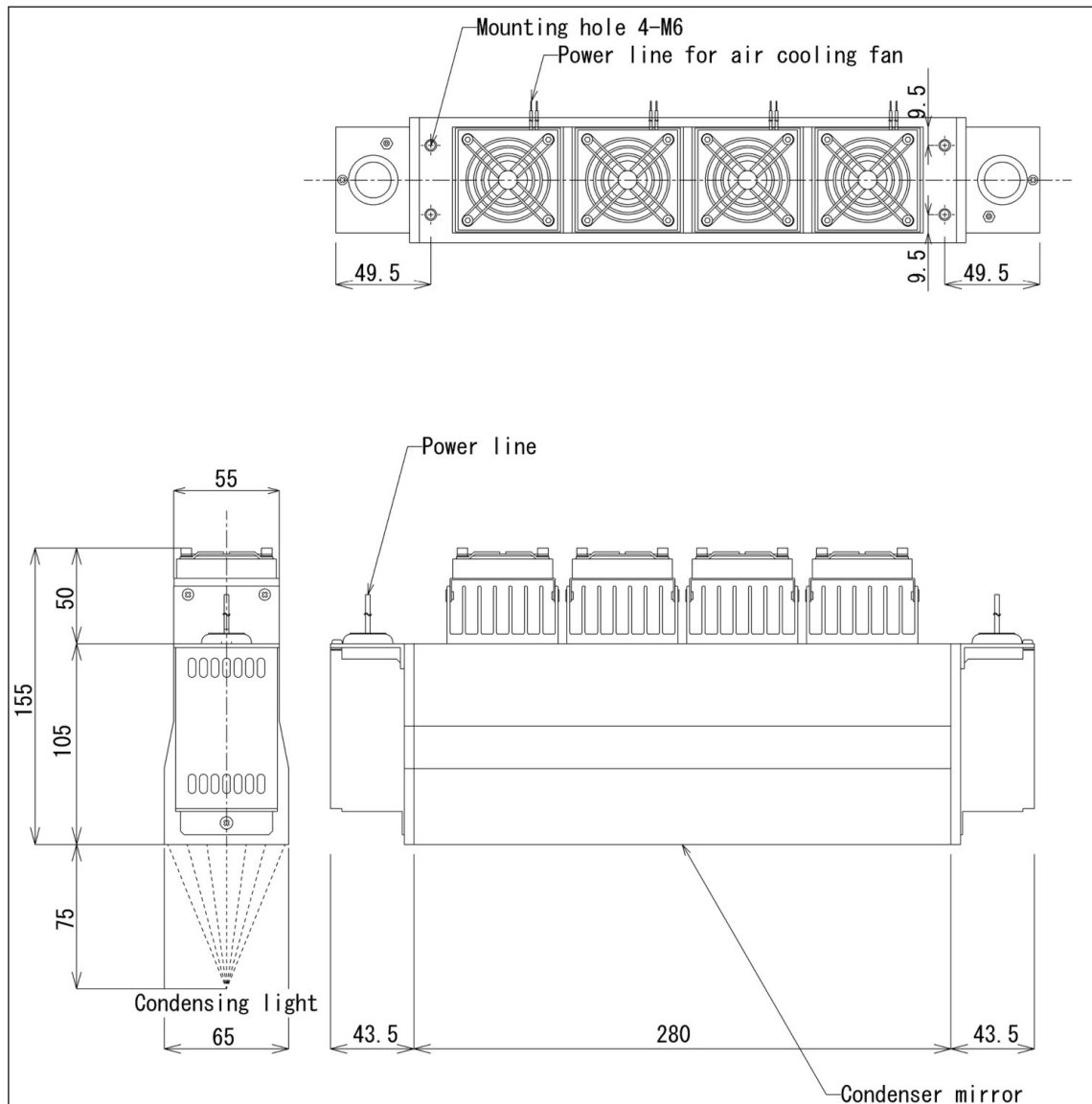
【Option & Special order】

/P□m Specifying power line length
 /K K thermocouple built-in
 /R R thermocouple built-in
 /GW Heat resistant glass
 /NW Crystallized glass
 /QW Quartz glass
 /+GP Gold plating on condenser mirror

Type	Standard
Focusing distance	f75
Mirror length	280mm
Voltage	
Wattage	1kW
D/#	FLH-65/f75/L280/220V-1kW/Option
Model	Natural heat dissipation type far infrared line heater

Date	Drwaing number
2023. 10. 30	FLH-E13

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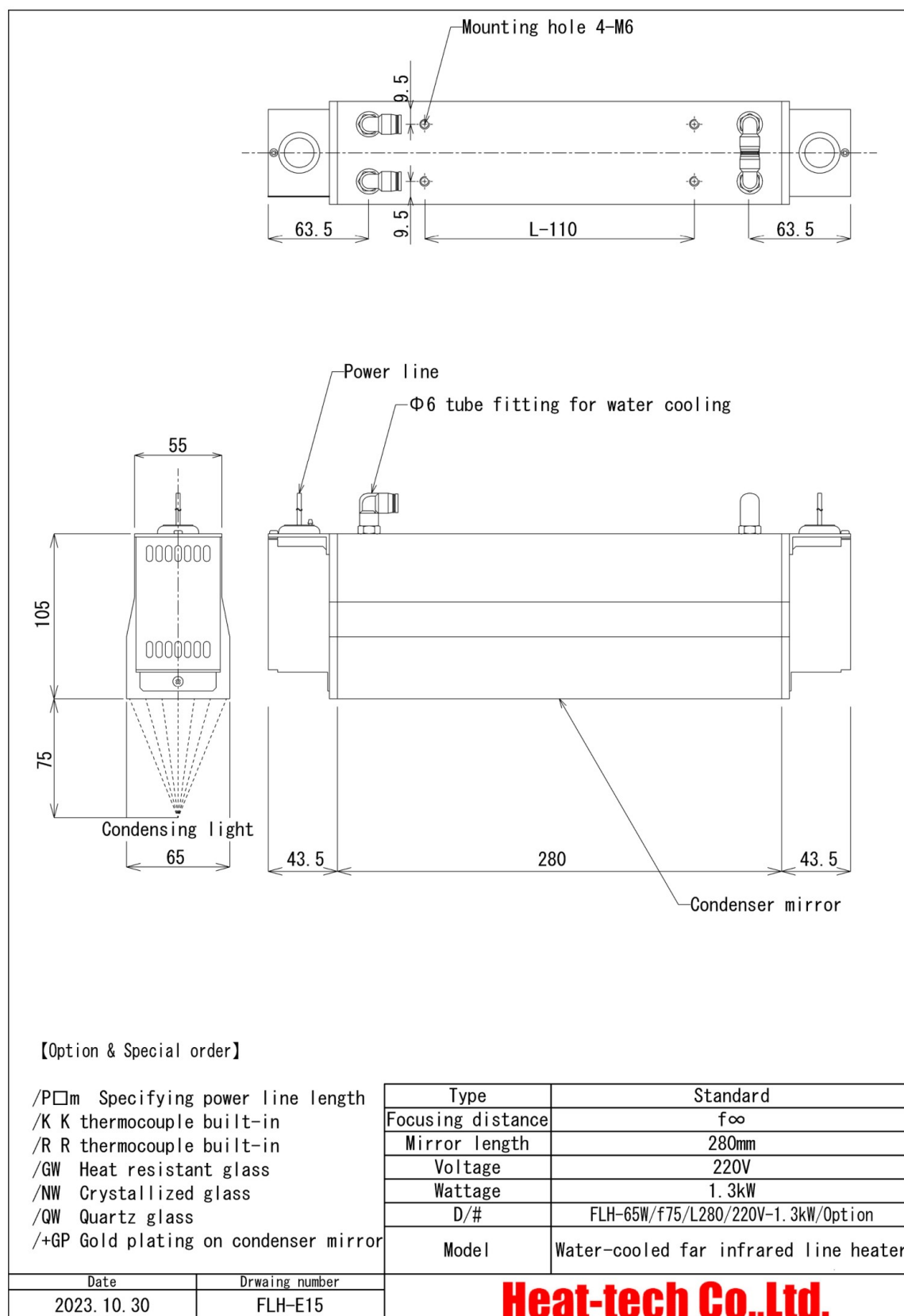
【Option & Special order】

/P□m Specifying power line length
 /K K thermocouple built-in
 /R R thermocouple built-in
 /GW Heat resistant glass
 /NW Crystallized glass
 /QW Quartz glass
 /+GP Gold plating on condenser mirror

Type	Standard
Focusing distance	f75
Mirror length	280mm
Voltage	220V
Wattage	1.3kW
D/#	FLH-65A/f75/L280/220V-1.3kW/Option
Model	Air-cooled far infrared line heater

Date	Drwaing number
2023. 10. 30	FLH-E14

Heat-tech Co.,Ltd.



No-touch High Temperatures Hating

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Heat-tech Co., Ltd.

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