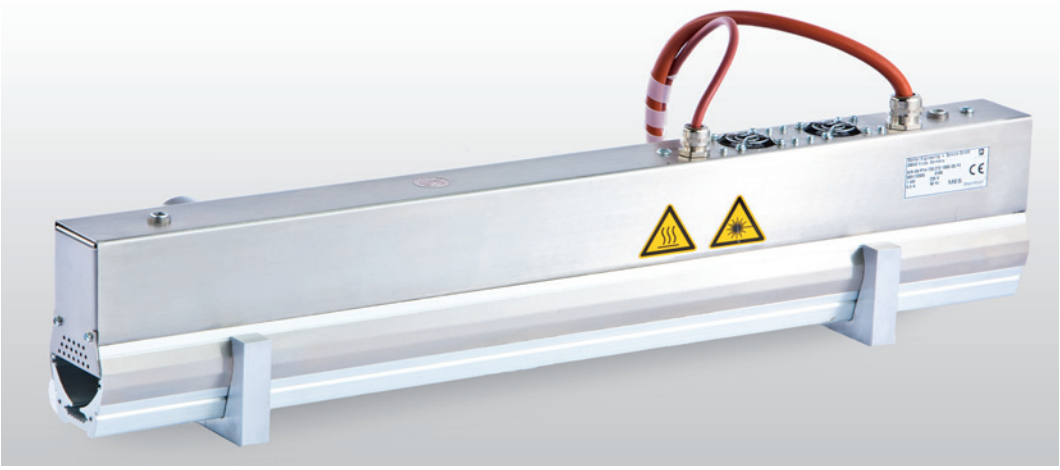
MES thermsol® tubeIR Hybrid Infrared Radiators for Efficiently Heating Filiform Materials

MES thermsol® tube IR hybrid radiators are perfectly suited for in-process heating or drying of filiform or wire-like materials.

When compared to conventional infrared radiators, the infrared radiation is focused in the reflector and results in the concentrated supply of thermal energy.

This type of radiator is highly efficient due to the concentrated supply of thermal energy and the additional convection drying zone. Produced vapors are extracted directly through the convection drying zone.



Characteristics

- Highly efficient heating by focused infrared radiation
- Increased drying capacity through hybrid technology
- Radiation-relevant components are exchangeable and can thus be modified as needed

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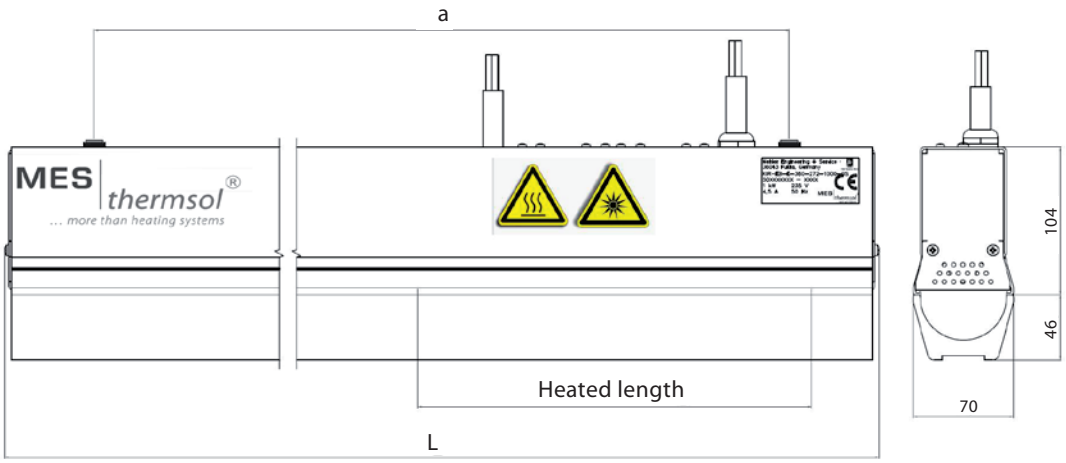
Mehler Engineering + Service

Available Options

- Quartz glass pane to separate the two chambers
- Individual connection cable
- Individual fastening options

Technical Data

MES thermsol® tubeIR Hybrid Infrared Tube Radiator	
Radiation range:	Short-wave to medium-wave
Power:	1.0 - 3.0 kW
Voltage:	230 V / 400 V
Heated length:	2 x 272 - 2 x 280 mm
Cooling:	Fan



MES thermsol® tubeIR Hybrid Radiator Sizes

Type of Reflector	Length L [mm]	Fastening a [mm]	Heated Length [mm]	Power [W]	Voltage [V]
tubeIR 720	729	604	2 x 272	2 x 1,000	220 - 250
tubeIR 720	729	604	2 x 280	2 x 2,000	220 - 250
tubeIR 720	729	604	2 x 280	2 x 3,000	220 - 250

Further unit types, designs, dimensions, power and voltage ratings are available. Please contact us for more information.

Please ensure the following ambient conditions are maintained for fan cooling:

- Room temperature < 30°C
- Dust-free air

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