

13.1 Gas heater

Type Gas heater

APPLICATION

- HELIOS-Gas heater are used for heating up non-explosive gases
- for example air, water vapour, nitrogen (CO₂) up to 700°C max., up to 0.3 bar over pressure
- Temperature control of different heating devices for heating up liquids, gases and solid bodies.

MODELS

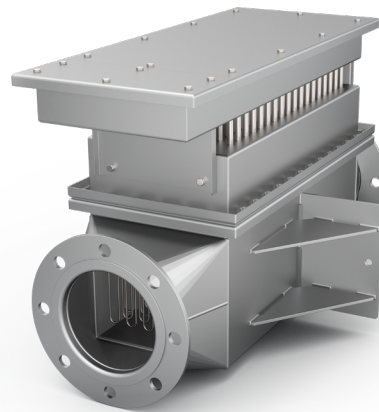
- Flange plate for installation in site square duct or convention oven
- Air duct to be flanged to an on-site fan or air duct
- Special designs at customer request

ALTERNATIVE MODELS

- Air funnel for flange-mounting to pipelines
- Insulating plug above or below the flange, for heat insulation at temperatures up to 200 °C
- Cooling zone between the insulating plug and connection case, at temperature over 200 °C
- Connection case for protection system IP 65 (IP 30 is standard)

DESIGN

- Flange or air duct made of galvanized steel or stainless-steel
- tubular heating element Ø 8.4 mm made of stainless-steel
- voltage, power and switching groups on customer request
- regulation by temperature controller, limiter, PT 100 or thermo-couples



WE REQUIRE THE FOLLOWING INFORMATION FOR A QUOTATION

gas to be heated	:
volume	:
inlet temperature	:
outlet temperature	:
pressure	:
voltage	:
power	:
switching groups	:

temperature control	:
duct height	:
duct width	:
duct length (max.)	:
material	:
protection system	:
quantity	:
special requests	: