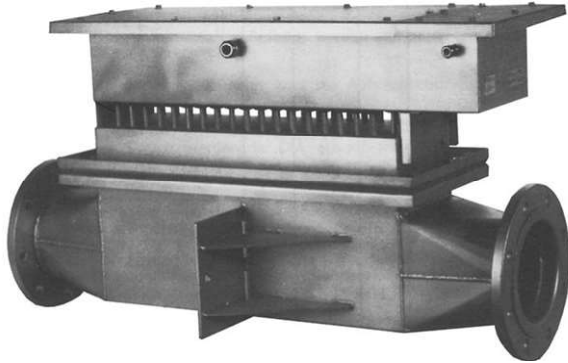




13.1 Gas heater



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

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

Additional types d) Air funnel for flange-mounting to pipelines
e) Insulating plug above or below the flange, for heat insulation at temperatures up to 200°C
f) Cooling zone between the insulating plug and connection case, at temperature over 200°C
g) 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 thermocouples

We require the following information for a quotation:

gas to be heated: _____

kind of controller: _____

volume: _____ m³/h

duct height: _____ mm

inlet temperature: _____ °C

duct width: _____ mm

outlet temperature: _____ °C

duct length (max.): _____ mm

pressure: _____ bar

material: _____

voltage: _____ V

protection system: IP 30 or IP 65

power: _____ W

quantity: _____ pcs

switching groups: _____

special requests: _____

