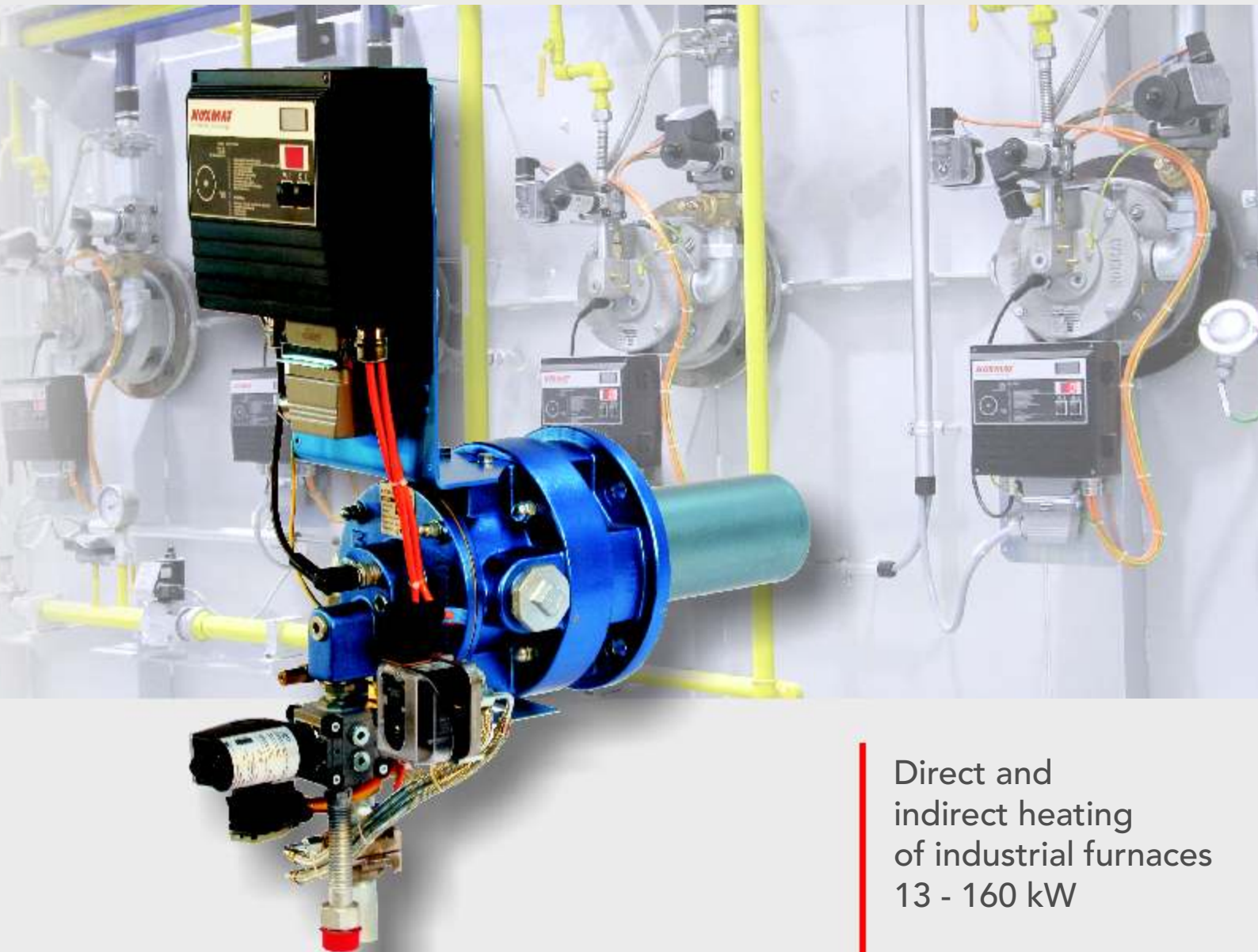


High Velocity Gas Burner HGB



Direct and
indirect heating
of industrial furnaces
13 - 160 kW

High velocity gas burner NOXMAT®-HGB

Features

- Compact unit in modular construction
- Air and gas supply connections are situated on different levels and can be positioned 90° to each other
- Outer tube made of heat-resistant steel
- Various lengths of construction (available upon request)
- Burner control for automatic operation
- Standardized separate cooling-air connection available

Advantages for the system user

- Trouble-free ignition via separate ignition chamber
- Instant burner stability from the moment of cold start, thus, time and energy savings thanks shortened starting and furnace heating times
- Large variety of options to connect waste gas, gas and air
- Reduced emission of harmful substances and, thus, environment-friendly combustion by means of gradual addition of combustion air and fuel gas
- Ease of maintenance thanks to simple and compact construction modules

Technical data

Burner size HGB		25	40	80	160
Nominal thermal capacity	kW	25	40	80	160
Minimal thermal capacity	kW	13	25	40	80
Nominal connected gas pressure	kPa	5	5	5	5
Nominal connected air pressure	kPa	6	6	6	6
Weight (basic burner)	kg	15	15	21	37
Maximum temperature external tube	°C	1150	1150	1150	1150
Nominal diameter gas connection	DN	15	15	15	20
Nominal diameter comb.air connect.	DN	25	25	40	50
Nominal diameter cooling air conn.	DN	40	40	40	50
Fuel gas	Natural gas, liquid gas, special gas on demand				

Subject to technical changes



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