

A. HIGH VELOCITY BURNER - HV300



HV3000 Heat Up burners have a max. Capacity of 300 Nm³/h natural gas and max. 5.800 Nm³/ combustion air. Flames supervision by UV-cells. In case of flame failure, gas supply will be stopped within 2 s by safety shut-off electro valves.

Pos.1 Combustion air fan with Burner Control Unit (BCU)

Current consumption	: 15 kW, directly starting
Voltage	: 440 V, 3 phases, earth, 63 A
Dimensions	: 800 x 1200 (LxW), installed on wheels
Sound	: 83 dba
BCU	: UV Flame supervision, PLC controlled, alarm
Weight	:

Pos.2 Gas / Fuel Supply Station

Safety components	: double gas safety shut-off, pilot, pressure switch
Burner cooling/purging	: compressed air max 1,5 bar, 5-10Nm ³ /h
Max. Flow	: 300 Nm ³ /h
Max. Pressure	: in 4 bar max., internal pressure reducer to 0,5 bar
Weight	: 25 kg
Couplings	: Camlock 2" / Cooling Air ¼"

Pos.3 High velocity burner, type HV3000 for gas

Safety components	: UV Flame Sensor, automatic ignition, pressure switch
Power	: 300 Nm ³ /h Natural Gas (approx. 3MW)
Nozzle	: High Temperature Steel (1250°C) optional nickel free
Nozzle Dimensions	: 200x200mm (other dimensions on request)
Air Inlet	: 250mm
Gas Inlet	: 2" Camlock
Weight	: 25 kg

B. HIGH VELOCITY BURNER - HV1500



HV1500 Heat Up burners have a max. Capacity of 150 Nm³/h natural gas and max. 3.800 Nm³/ combustion air. Flames supervision by UV-cells. In case of flame failure, gas supply will be stopped within 2 s by safety shut-off electro valves.

Pos.1 Combustion air fan with Burner Control Unit (BCU)

Current consumption	: 7,5, kW, directly starting
Voltage	: 440 V, 3 phases, earth, 32 A
Dimensions	: 800 x 1000 (LxW), installed on wheels
Sound	: 78 dba
BCU	: UV Flame supervision, PLC controlled, alarm
Weight	:

Pos.2 Gas / Fuel Supply Station

Safety components	: double gas safety shut-off, pilot, pressure switch
Burner cooling/purging	: compressed air max 1,5 bar, 5-10Nm ³ /h
Max. Flow	: 150 Nm ³ /h
Max. Pressure	: in 4 bar max., internal pressure reducer to 0,5 bar
Weight	: 25 kg
Couplings	: Camlock 1" / Cooling Air ¼"

Pos.3 High velocity burner, type HV1500 for gas

Safety components	: UV Flame Sensor, automatic ignition, pressure switch
Power	: 150 Nm ³ /h Natural Gas (approx. 3MW)
Nozzle	: High Temperature Steel (1250°C) optional nickel free
Nozzle Dimensions	: 100x100mm (other dimensions on request)
Air Inlet	: 150mm
Gas Inlet	: 1" Camlock
Weight	: 25 kg

C. HIGH VELOCITY OIL BURNER - HVO3600



HVO3600 Heat Up burners have a max. Capacity of 190l/h Diesel or Light Oil (boosted 360l/h) max. 5.800 Nm³/ combustion air. Flames supervision by UV-cells. In case of flame failure, gas supply will be stopped within 2 s by safety shut-off electro valves.

Pos.1 Combustion air fan with Burner Control Unit (BCU)

Current consumption : 15 kW, directly starting
Voltage : 440 V, 3 phases, earth, 63 A
Dimensions : 800 x 1200 (LxW), installed on wheels
Sound : 83 dba
BCU : UV Flame supervision, PLC controlled, alarm
Weight : 275 kg

Pos.2 Oil / Fuel Supply Station

Safety components : double oil safety shut-off, atomizing air control, flow control
Burner cooling/purging : compressed air via atomizing air, 5-10Nm³/h
Max. Flow : 190l/h Diesel/light oil (boosted up to 360l/h)
Max. Pressure : Diesel/Light Oil: 3 bar, Atomizing Air (compressed air): 3 bar
Weight : 12 kg
Couplings : Oil Safety Coupling ½" / Atomizing Air ¾"

Pos.3 High velocity burner, type HVO3600 for oil

Safety components : UV Flame Sensor, automatic ignition, pressure switch
Power : 190l/h Diesel/light oil = 1,9MW (boosted up to 360l/h = 3,6MW)
Nozzle : High Temperature Steel (1250°C) optional nickel free
Nozzle Dimensions : 200x200mm (other dimensions on request)
Air Inlet : 250mm
Fuel Inlet : Oil Safety Coupling ½" / Atomizing Air ¾"
Weight : 22 kg