



Documentation

(! read carefully before assembly and comissioning of the burner!)

burner in duct Typ CKO501G

serial-no. [REDACTED]

electrical cabinet Serial-no. [REDACTED]

project: [REDACTED]

The burner discribed in the following serves with heating up of process-air for a dryer plant. It is calculated and designed for a horizontal assembly only, supporting an air flow from the right to the left (view from the operation side) with the same flame direction. Each different use is not considered or allowed and may cause unexpectable consequenses. The manufacturer of the plant is not responsible for misuse. Only especially trained staff is allowed to run the burner plant.

manufacturer of the plant:

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Manufacturer declaration

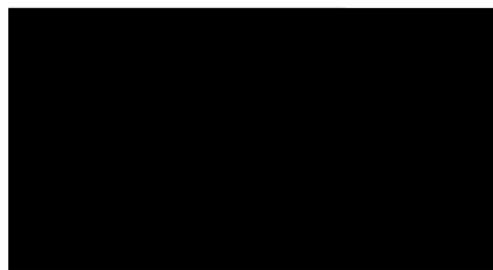
burner plant Type CKO501G
serial-no. 

The signatory certifies that the burner plant in supplied execution is intended for the installation into an industrial plant and that the commissioning is not allowed as long as it is determined that the industrial plant, the above mentioned will be mounted in, is conform to the corresponding regulations and directives, the EMV directive 2004/108/EG, the low-voltage directive 2006/95/EG, the EN 746 and the EN 60204 part 1.

applied source references or source reference drafts:

EMV directive 2004/108/EG
Low-voltage directive 2006/95/EG
EN 60204 part 1
EN 746
EN 161
EN 751-1
EN 292-2

Werl, 03.12.2014



2. general terms

2.1 technical data:

power:	ca. 500kW
turn down ratio:	$\geq 20:1$
process-air-quantity:	max. 23,900 m _n ³ /h (Percentage of O ₂ >18%)
inlet-air-temperature:	+280°C
outlet-air-temperature:	+350°C
pressure dropdown over burner:	200 Pa
system pressure:	upto +2,000Pa
ignition:	straight
flame control:	UV-cell
fuel type:	natural gas
gas pressure before the valve train:	ca. 20,000Pa
supply voltage:	230 V / 50 Hz (onsite supply 400VA)
max. environmental temperature:	+50°C
flame direction:	horizontal

2.2 shipment and storage:

Please, check the goods receipt regarding soundness and completeness (due to the colli list). Possible occurring damage by transportation has to be reported to the carrier immediately.

Please, unpack the goods carefully in order to avoid damage to the parts of delivery (as there are electrical cabinet , armatures and so on).

As for unloading the goods from the ship or lorry use suitable hoisting devices only. Make sure that the load - and carrying capacity of that devices fits to the good´s weight.

The plant or parts of it should not be store unprotected outside (particularly safe against humidity). The maximum environmental temperature should not be below -20°C or above +60°C.