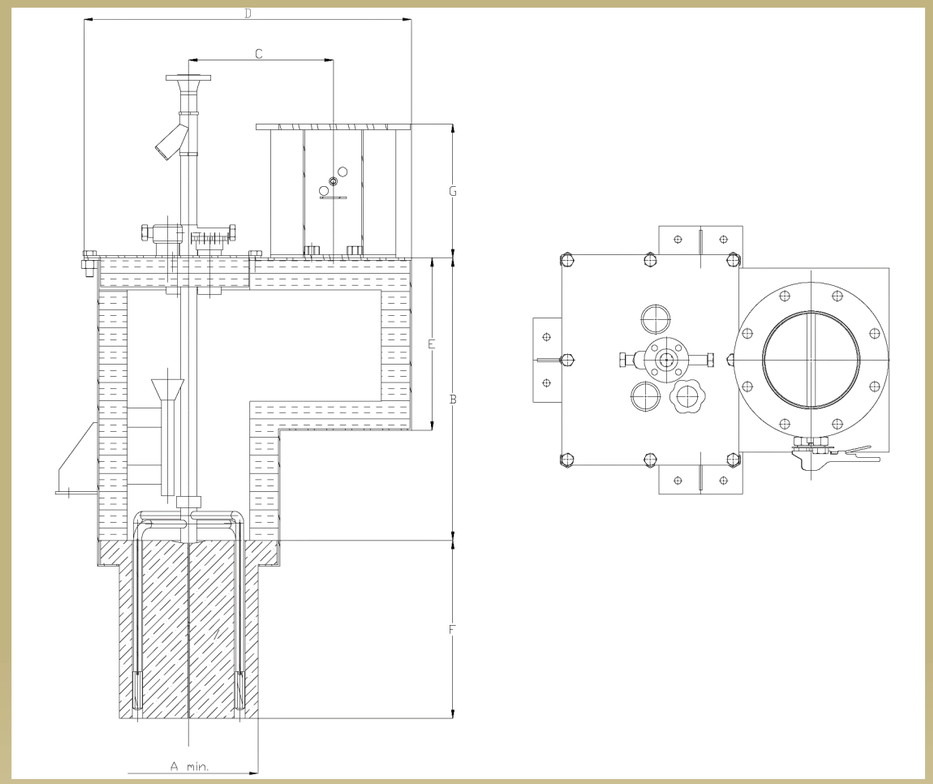
Downfiring gas burner[2]

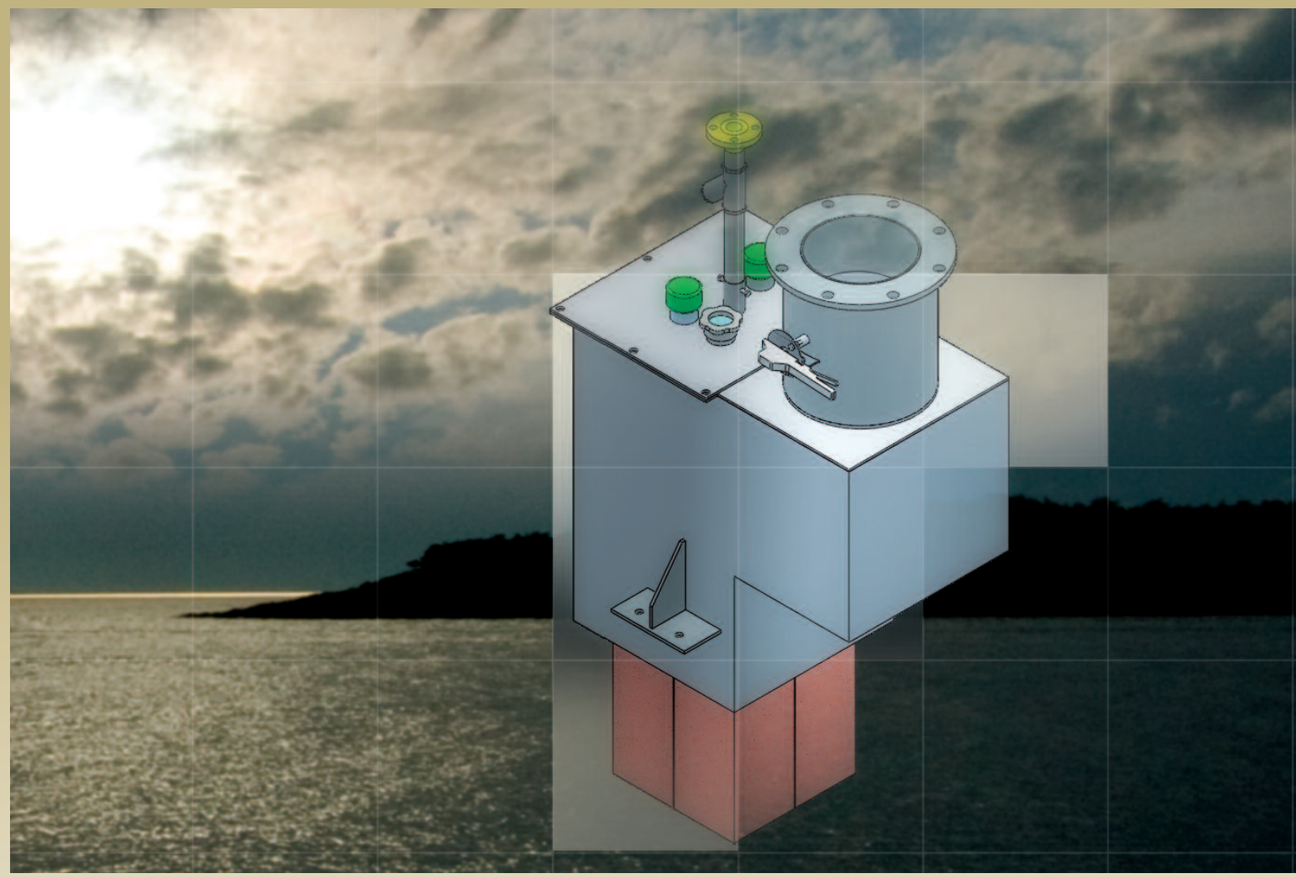


burner main dimensions[1]

Burner Size MW	DIM d. A	DIM B	DIM C	DIM D	DIM E	DIM F	DIM G
0,5	370	800	380	860	400	300	300
0,8	420	900	430	910	450	350	400
1,2	420	900	430	910	450	350	400
1,8	470	1000	500	1000	500	350	400
2,6	570	1100	550	1100	550	350	400
3,8	670	1250	700	1400	620	350	400
5,7	870	1400	900	1800	700	350	400

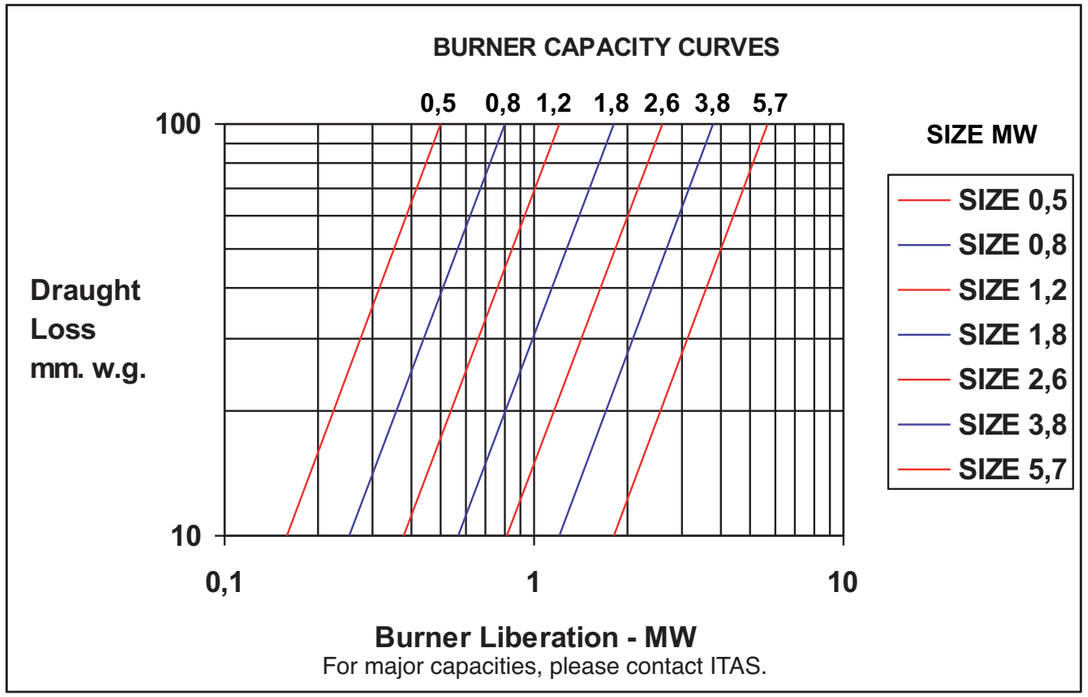
[1] Dimensions in case of order can be changed to suit design data.
[2] Fuel gas or air stage technology.

ITAS Downfiring Gas Burner mod. DF-FDG and DF-NDG

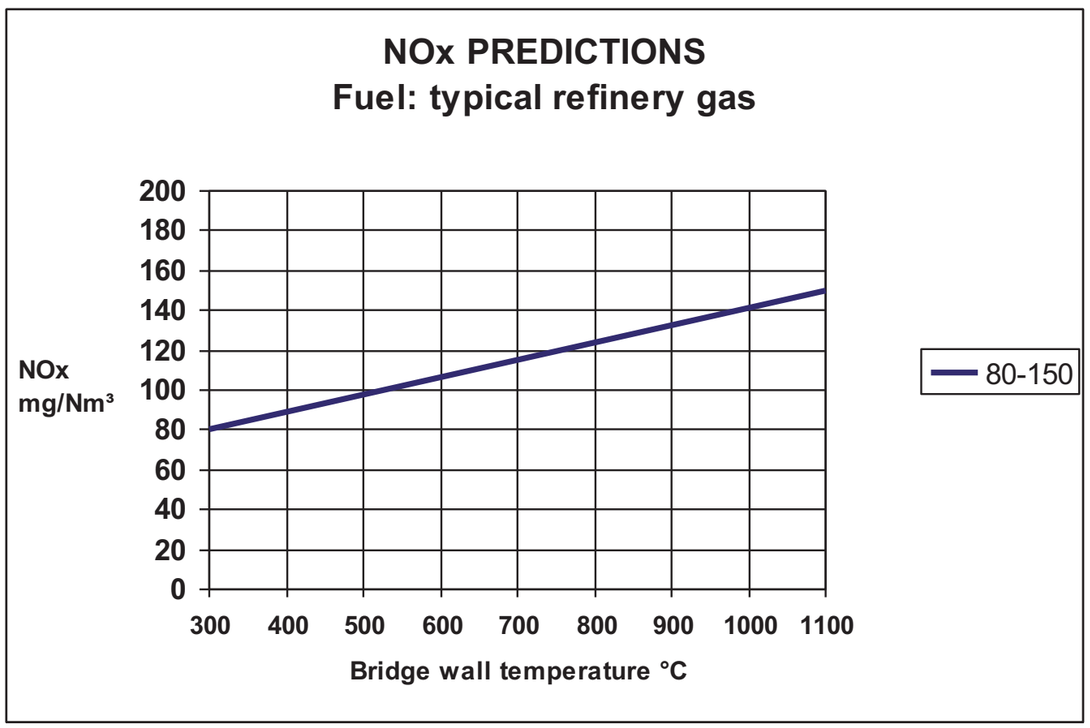


E/P/B/DF-FDG-DF-NDG/0112/0

Downfiring gas burner

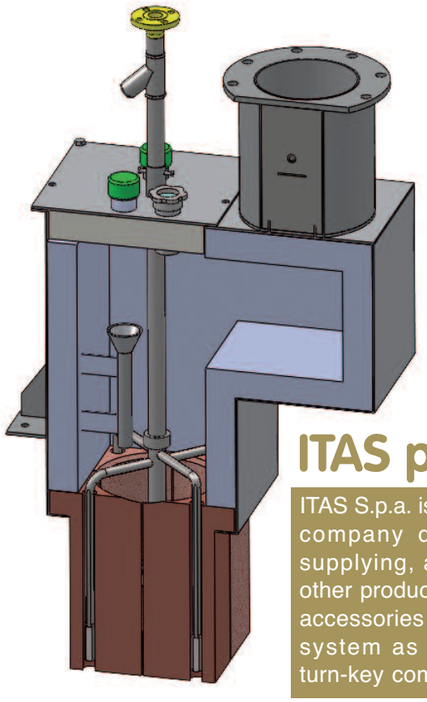


For major capacities, please contact ITAS.



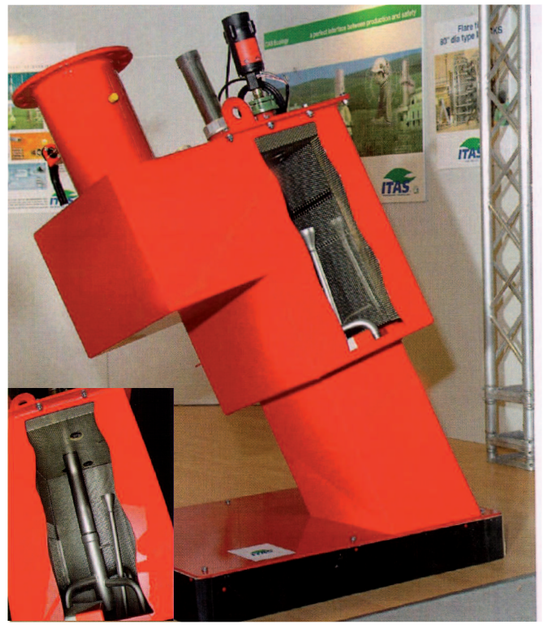
Low NOx downfiring staged gas burner ITAS DF-FDG, DF-NDG

The burners are configured as down firing burners for applications in reformers in chemical and petrochemical plants, for example in fertiliser production plants, urea plants, CO and hydrogen plants, methanol plants, etc. As each application makes different demands on the equipment installed, ITAS burners will be rated and dimensioned to meet with the requirements of the individual task, and will be manufactured in small or large numbers, as called for. ITAS designs and manufactures burners for heating capacities from 0.3 to 6 megawatt. The operating capacity of our burners ranges from 30 to 120 percent and may be set individually. A stable flame at any capacity within this range is guaranteed.



ITAS profile

ITAS S.p.a. is an engineering company designing and supplying, amongst many other products, burners and accessories for combustion system as well as entire turn-key combustion plants.



Even with high temperature operating fuel or combustion air, NOx values as low as 80 mg/m³ can be reached depending on the fuel gas composition. The burners are provided with lances and monitoring devices. The burner lances can be easily replaced: disassembling of the burner is not necessary.

ITAS also offers test runs of burners. Such tests are planned and carried out together with research scientists of a renowned Testing Institute, with ITAS and the client's representatives attending the test.

The burner tested is generally a prototype of the burners to be manufactured for the client. A report incorporating the test results will be prepared by the Institute and handed on to the client.

ITAS has sold thousand of burners worldwide. ITAS burners are for example installed in several urea plants in Egypt and Turkmenistan, in methanol plants in Iran, Chile, Argentina, China, and Trinidad, fertiliser plants in Qatar and Hungary, as well as, of course, in different types of plants in the European Union.

Applications: Typical down firing Low NOx Reformer gas burner
Advantages: Staged fuel type, Low NOx
Emission: NOx < 130 mg/Nm³
CO < 20 mg/Nm³, and better
Capacity: Range from 0,3 to 6,0 MW
Type of fuel: Various fuel gas mixtures

Upon client request, special design downfiring burners can be supplied, as oil/gas combination burners or coke gas burners, for petrochemical or blast furnaces.

Shipment of complete reformer heaters with burner already installed

По всем вопросам обращайтесь в офис компании "Ти-Системс" Телефоны для связи:+7 (495) 777-4-788, 5007154, 55, 65, 7489127, 28, 29
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