

Flat flame burners

FLOOR OR WALL FIRING SPECIAL BURNERS

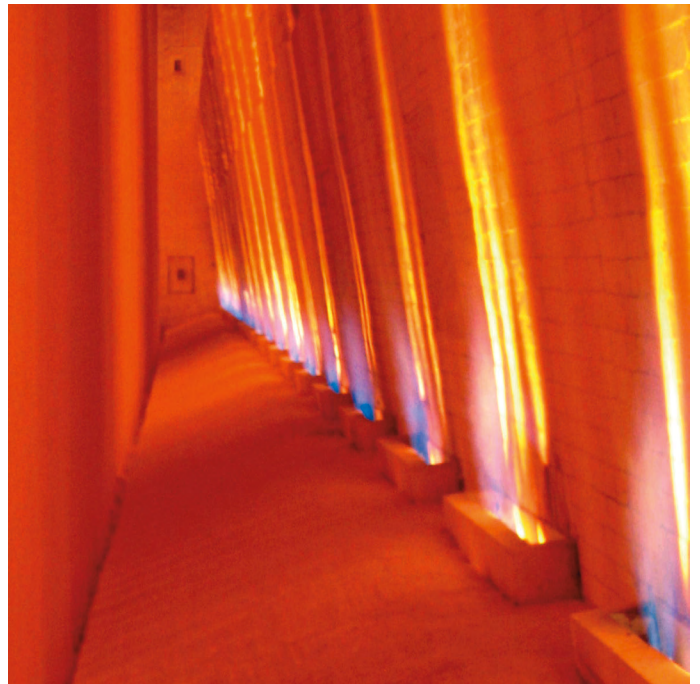
I.C.E. has a broad range of flat flame burners available to fit different process needs. Floor fired or sidewall fired, we can fit different mechanical needs depending on licensor firebox design.

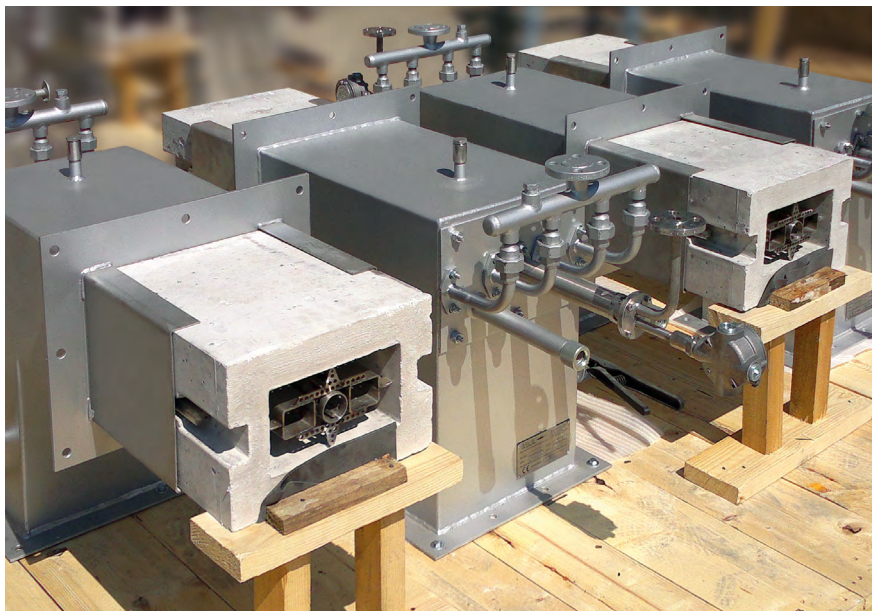
Firing characteristics and heat flux (of capital importance in ethylene cracking furnaces and other special heaters) are customized according to designers needs.


Even wall covering, compact or long flame, dimension of expected flame, are parameters I.C.E. will take care, to fit requirements.

Burners are available natural or forced draft, with preheated air up to 450°C.

Liquid firing flat flame are also available.





I.C.E. 
INTERNATIONAL COMBUSTION EQUIPMENT S.r.l.

I.C.E. S.r.l.

Headquarters

Via Cesare Battisti, 112
20862 Arcore (MB) - ITALY
Ph +39 039 61 80 445
Fax +39 039 61 68 84

Workshop / Test Area

Via degli Artigiani, 25/27
26010 Cremona (CR) - ITALY
Ph +39 0373 27 36 54
Fax +39 0373 29 12 59

info@it-ice.com - www.it-ice.com

Technical features

MECHANICAL & CONSTRUCTION CHARACTERISTICS

Cabinets:

- CS / LTCS / SS

Nozzles:

- AISI 310/HK

Refractory:

- 60 / 70 / 80 / 90% Al_2O_3 on request

Piping:

- As per API code / design requirements

Air damper:

- With single or multiblades

PROCESS DATA / APPLICATIONS

Available duties:

- 0.2 to 4.0 MW

Staged fuel / staged air design.

Excess air:

- 10% to 25%

Narrow, flat flames along the wall, customized wall covering raw or staged fuel design according to pollutant emissions requirements.

Available dual fuel (liquid / gaseous).

Very high turn-down ratio (10:1 or in excess). For high temperature applications (reformers / cokers).

TYPICAL APPLICATIONS

Delayed cokers.

Terrace wall® design.

Double fired furnaces external rows.

Ethylene cracking furnaces.

Member of CISQ Federation



CERTIFIED MANAGEMENT SYSTEM
ISO 9001

RINA, certificate n° 20585/09/S