

FC BURNER

The 'FC' series of 'FUME CONE' gas burners have been specifically developed for fume incineration applications on a wide range of industrial plants; typical applications include the incineration of solvent fumes from painting processes and removal of smoke from curing ovens.

The nozzle and lance are manufactured using high grade, heat resistant stainless steels whilst the cone is manufactured from a very high quality, heat resistant Inconel alloy. This maximises plant life and increases operating reliability.

The complete FUME CONE burner assembly normally consists of the fuel nozzle, cone and lance assembly with insulated mounting plate, gas valve assembly and controls package.

The mounting plate is fitted with a viewing window, optional U.V. flame sensor mounting, pressure test facility and cooling air connection points. The spark electrode fitted into the fuel lance can be withdrawn from the back of the assembly.

The nozzle mix design of the burner and the progressive air mixing feature of the combustion head ensure that the burners can operate with high turn down capability; turndown rates of 25:1 are possible depending on burner application and selection.

Typical Applications

Incineration of exhaust fumes, VOC's and smoke from solvent and curing ovens

Duties

FC burners are available with thermal capacities up to 8800 kW

Gas Supply Pressure

The units can operate on gas pressures as low as 20mbar but higher pressures can be accommodated

Temperature

Operating temperatures of up to 1000°C

Turndown

Up to 25:1

Fuels


Suitable for operation on Natural Gas and LPG



sales@comtherm.co.uk



www.comtherm.co.uk



+44 (0) 1905 775783