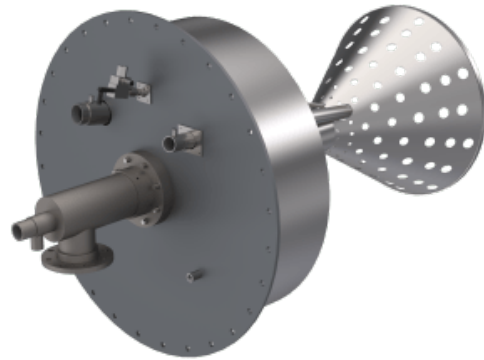


**Capacity Range:**  
**Up to 8800 kW**



## FC Fume Cone Gas Burner

*Designed for industrial fume incineration applications such as incineration of exhaust fumes from paint solvent and curing ovens.*

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### How It Works

All combustion air for the burner is supplied from the process air fumes; the fumes require a minimum oxygen content of 18%. The burner does not usually require a separate combustion air fan. All FC burner assemblies are suitable for modulation control. The control valve may be electrically

or pneumatic operated depending on requirements. FC burners are available with thermal capacities up to 8800kW and with fume cone diameters up to 1100mm. The combustion cones of the burners are available in a wide selection of sizes and air-fume hole patterns.

### Applications:

- Incineration of exhaust fumes
- VOCs and smoke from solvent and curing ovens



**Diverse Combustion Technologies. One Reliable Source.**

# Construction

Each fume cone gas burner unit is supplied as a packaged and pre-piped valve assembly, including the safety valves, flame safety and ignition controls necessary to form a fully pre-packaged combustion module. Pressure switches, ignition spark plug, flame sensor and all electrical components on the burner are prewired to a terminal enclosure. Fully prebuilt burner packages are tested and the operation of all components checked before shipment from the factory. Flame cone gas burners can be supplied for operation on natural or LP gases or light fuel oils. Burners can be supplied to suit almost all types of electrical power supply, including 220/380/440v three phase (50 or 60Hz) power supply and with 110/120v or 220/240v control circuits.

Features	Benefits
Pre-packaged and pre-piped ready to install	Saves valuable time on start-up
Operates on natural gas, LP or light fuel oil	Providing several operational methods
30:1 Turndown	Process temperature flexibility
Prewired with your choice of power input	Easy access for quick & easy burner maintenance
Completely factory tested prior to shipment	Ensures flawless operation out of the box



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