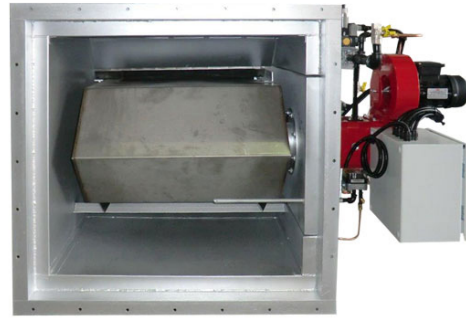


Capacity Range:
60kW to 1200kW



AHP Indirect Air Heating Burner

Indirect air heating burners designed for commercial air heating applications with thermal outputs from 60kW to 1200kW.

How It Works

The Selas AHP series of indirect air heat exchangers are designed for commercial air heating applications. The robust construction of the units makes them an ideal heat source for shopping centers and commercial premises. AHP heaters are usually fitted with a high temperature limit thermostat or thermocouple unit, in order to protect the heat exchanger from excessive overheat.

The standard AHP heaters consist of a heat exchanger module with combustion chamber, primary tube bank and a two pass economizer section. The combustion chamber and the tube banks are manufactured using high-grade stainless steels and both the chamber and tube bank assembly are independently mounted to cater for differential expansion.

Applications:

- Air replacement for commercial properties
- Air replacement for spray booths



Diverse Combustion Technologies. One Reliable Source.

Operating Principles

Burner Assemblies

Each AHP unit is supplied with a pre-packaged and pre-wired burner assembly which includes all of the necessary burner fuel safety valves, pressure switches and automatic ignition and flame safety equipment. Burners supplied are usually of the modulation type however burners built to application specifications and country of installation can be fitted. All Burner packages are fully tested and the operation of all components are checked before dispatch from the factory.

Fuel Supply

Burners can be fitted for operation with natural gas; LP gases or light fuel oils. All gas burners are sized to suit an inlet gas pressure of 17.5mbar (natural gas) or 30mbar (LP gases) unless otherwise specified. Burners can be supplied to suit other fuel types and supply pressures.

Direction of Air Flow

Standard AHP heaters are arranged to fire horizontal in the direction of airflow from left to right. (SF) Heater units can be supplied for firing into duct systems with vertical upward or downward flow. Airflow should be uniform across the air duct, both upstream and downstream of the heater.

Electrical Supply

The AHP units can be fitted with burners to suit almost all types of electrical supply, including all common industrial three phase (50 or 60Hz) power supplies. Burners can be supplied to accommodate electrical voltages for specific applications and destinations.

Features	Benefits
Fully modulating, indirect firing burner	Ideal for shopping centers & commercial premises
Pre-packaged and pre-wired burner assembly	Ready for drop-in installation
High temp limit thermostat or thermocouple unit	Protects the heat exchanger from overheat
High-grade stainless steel combustion chamber	Durable construction for long life
Operates on natural gas, LP or light fuel oil	Installation not dependent on single fuel source



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