

PILOT BURNERS

LVDT-HC Pilot Burner

The LVDT/HC-pilot burner is a plug & play nozzle mix pilot designed to be mounted on AIRFLO® “LV”, “HC”, DELTA-TE™ and COMBUSTIFUME® burners.

Overview



The LVDT/HC-pilot burner is a nozzle mix pilot, designed to be mounted on AIRFLO® “LV”, “HC”, DELTA-TE™ and COMBUSTIFUME® burners. The plug & play design provides extremely easy mounting and maintenance. All components including the spark ignitor, can be reached and/or replaced from outside the process air duct. The flame scanner can be isolated from the process by means of a stainless steel ball valve. Once installed on the burner mounting flange, the 2” pilot tube of the LVDT/HC pilot penetrates through the process air stream into the burner endplate. Its complete stainless steel construction makes the LVDT/HC-pilot burner suitable for processes with high temperatures, humidity and/or pollutions. Using fixed orifices, the LVDT/HC-pilot burner does not require adjusting of air and gas flows, reducing set-up times drastically.

Features & Benefits:

- Stable pilot flame in combination with MAXON AIRFLO® LV, HC, DELTA-TE™ and COMBUSTIFUME® burners
- Rugged design
- Burns natural gas, propane and LPG
- Suitable for all kinds of process air heating applications; thermal incinerators, supplementary firing burners etc...
- Complete stainless steel construction
- Plug & play design
- Optimal access for maintenance
- Factory-adjusted, no field refinements required
- Available in different tube lengths up to 13.12 ft

Specifications

ELECTRICAL SPECIFICATIONS

Maintenance Interval

- Located for easy service access

INSTALLATION & MOUNTING SPECIFICATIONS

Installation Method

- Integrated in slide-in mounting plug for HC burner

Mounting Options

- Integrated on stainless-steel mounting plug of HC AIRFLO® burner

AIR & COMBUSTION AIR SPECIFICATIONS

Airflow Interaction



- Ignites gas inside mixing plates using primary combustion air

OVERVIEW

Product Category

- Ignition/stabilization pilot burner

IGNITION, FLAME & SUPERVISION SPECIFICATIONS

Ignition Type

- Ignition via integrated pilot flame system

APPLICATIONS & COMPATIBILITY

Applications

- Ignition and flame stabilization of HC AIRFLO® duct burners

Used With

- HC AIRFLO® Duct Burners

SAFETY, PROTECTION & RELIABILITY

Safety Role

- Stable ignition and cross-ignition along burner length

CONTROL, LOGIC & FUNCTIONAL BEHAVIOR

Functions

- Provides ignition flame and downstream pressure test point

Filters

▼ CATEGORY

☒ Spare Part

▼ TYPE

☒ Spark Ignitor

☒ Gasket

☒ Pilot Gas Orifice

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Part Number	300562_V
Description	LVDT-450 SPARK IGNITOR
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LVDT-450 SPARK IGNITOR

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LVDT-900 SPARK IGNITOR

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311100_V
GASKET LVDT PILOT

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LVDT-HC SS PLT GAS ORIF,30mbar

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