

PILOT BURNERS

Maxon Pilots

A variety of gas pilots to meet the needs of Maxon industrial burners.

Overview



MAXON offers a wide range of gas pilots to meet the specific needs of each of its burner product lines. In most cases, the appropriate burner catalog section will provide selection data needed to choose one of the many pilots offered. Here you will find a summary of the additional component/accessory part numbers and performance data.

Specifications

PERFORMANCE SPECIFICATIONS

Capacity

- Stated in 1,000 BTU/hr depending on assembly (varies by model)

IGNITION, FLAME & SUPERVISION SPECIFICATIONS

Ignition Gap Requirement

- 0.05 to 0.06 in for 10 or 18 mm ignitors

Purge Requirement

- Full system purge before ignition

Ignition Type

- Spark ignitor or gas ignitor depending on model

ENVIRONMENTAL CONDITIONS

Environment Limitations

- Not for outdoor or high-draft use

AIR & COMBUSTION AIR SPECIFICATIONS

Pilot Air Requirement

- Required for premix and air-assisted pilots

ACTUATION, VALVE & MOTION CONTROL SPECIFICATIONS

Alternative Port Type

- Sealed-port (for Sealed Nozzles, WIDE-RANGE®, MULTIFIRE®)



APPLICATIONS & COMPATIBILITY

Burner Compatibility

- STICKTITE™, Sealed Nozzles, SN Series, WIDE-RANGE®, MULTIFIRE®, VORTIFLARE®, LINOFLAME®, LINOPAK®, AIRFLO®, COMBUSTIFUME®

Applications

- Used for manual light-off and are not intended as permanent pilots.

PRESSURE SPECIFICATIONS

Pilot Gas Pressure

- Provided in in water column (in wc) or ounces depending on pilot model

INSTALLATION & MOUNTING SPECIFICATIONS

Mounting Options

- Side-mounted/End-mounted (for LINOFLAME and LINOPAK)

CONNECTIONS & INTERFACES

Connection Type

- ANSI B2.1 pipe threads

COMBUSTION, FUEL & MIXING SUB-SYSTEMS

Pilot Style

- Atmospheric open-port and venturi open-port

MIXING & COMBUSTION SUB-COMPONENTS

Mixer Type

- Adjustable air-gas mixer

Filters

▼ CATEGORY

☒ Spare Part

☒ Base Part

▼ TYPE

☒ Pilot Assembly

☒ Adjustable Orifice

☒ Pilot Body

☒ Pilot Mixer Assembly

☒ Linopak Pilot

☒ Open Port Atmosphere Pilot

☒ Pilot Nozzle

🔍 Search

Part Number	04572
Description	OPEN PORT ATMSPH PILT
Category	Base Part
Type	Open Port Atmosphere Pilot
	Order Online



Part Number	06868
Description	OPEN PORT VENTURI PILT
Category	Base Part
Type	Open Port Venturi Pilot Order Online
Part Number	06969
Description	OPEN PORT VENTURI PILT
Category	Base Part
Type	Open Port Venturi Pilot Order Online
Part Number	07524
Description	SELD PILT NZL
Category	Spare Part
Type	Sealed Nozzle Order Online
Part Number	09249
Description	PILT AIR SPUD
Category	Spare Part
Type	Pilot Air Spud Order Online
Part Number	09250
Description	NZL BDY
Category	Spare Part
Type	Nozzle Body Order Online
Part Number	09251
Description	2.125" NZL HOOD
Category	Spare Part
Type	Nozzle Hood Order Online
Part Number	09256
Description	PILT MTG BRKT
Category	Spare Part
Type	Pilot Mounting Bracket Order Online
Part Number	09300
Description	OPEN PORT PRESS PILT
Category	Base Part
Type	Open Port Pressure Pilot Order Online
Part Number	1034044
Description	SELD PORT PRESS PILT ASY+
Category	Spare Part
Type	Sealed Port Pilot Assembly Order Online

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Product Number



04572

OPEN PORT ATMSPH PILT

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OPEN PORT ATMSPH PILT

06868

OPEN PORT VENTURI PILT

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OPEN PORT VENTURI PILT

06969

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OPEN PORT VENTURI PILT

07524

SELD PILT NZL

07524

SELD PILT NZL

09249

PILT AIR SPUD

09249

PILT AIR SPUD

09250

NZL BDY

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NZL BDY

09251

2.125" NZL HOOD

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09256

PILT MTG BRKT

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PILT MTG BRKT

09300

OPEN PORT PRESS PILT

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1034044

SELD PORT PRESS PILT ASY+

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