

IMMERSION TUBE BURNERS

TUBE-O-THERM®

MAXON TUBE-O-THERM® burners are nozzle-mixing, gas fired, refractory-less burners specifically designed for firing into a small bore tube.

Overview



The MAXON TUBE-O THERM® burner-to-tube direct firing system provides uniform heat transfer, eliminates hot spots, and produces faster bring-up times than all other tube burners. This industrial burner fires directly into smaller-bore, less expensive tubes and burns butane, propane or natural gas with reduced levels of NOx and CO. TUBE-O THERM® gas burners ensure improved performance for industrial washers, dip tanks, water-bath heaters, and solution tanks.

Features & Benefits:

- Fires directly into small-bore immersion tubes
- Burner-to-tube direct firing system allows uniform heat transfer, eliminates “hot spots”, and produces faster bring-up times
- Economical and efficient package design with integral low power blower costs less and saves energy (external blower models also available)
- No hassle installation and easy maintenance access with wall mounted design
- Burns natural, propane or butane gas and produces reduced levels of NOx and CO
- Flame scanner capability for all sizes
- Four models sized for 3”, 4”, 6”, 8” and 10” diameter tubes
- Heat releases up to 8,500,000 Btu/hr
- No powered exhaust required, saving energy

Specifications

PRODUCT OVERVIEW & CLASSIFICATION

Version

- Packaged burner; EB (external blower) burner

COMPONENT/GEOMETRY COMPATIBILITY

Tube Diameter Compatibility

- 3, 4, 6, 8,10 in

APPLICATIONS & COMPATIBILITY

Typical Applications

- Dip Tanks, Glycol Reboilers, Spray Washers, Pickling Tanks, Quench Tanks, Salt Baths, Indirect Air Heaters (With Proper Design), Bakery Ovens (With Proper Design)

Primary Application



- Fires directly into small-bore immersion tubes

PERFORMANCE, FLOW & CAPACITY

Maximum Heat Release

- Up to 8,500,000 Btu/hr

IGNITION, FLAME & SUPERVISION SPECIFICATIONS

Flame Supervision

- Flame scanner capability available for all sizes

COMBUSTION DESIGN & CHARACTERISTICS

Combustion Method

- Burner-to-tube direct firing system

INSTALLATION & MOUNTING SPECIFICATIONS

Mounting Types

- Wall-mounted design

OVERVIEW

Product Type

- Low temperature gas burner

Burner Type

- Nozzle-mixing, gas-fired, refractory-less

FUEL, GAS & MEDIA SPECIFICATIONS

Fuel Type

- Natural Gas; Propane; Butane; LPG blends

Filters

▼ CATEGORY

☒ Spare Part

☒ Base Part

▼ TYPE

☒ Back Plate

☒ Air Plate

☒ Gas Nozzle

☒ Immersion Tube Burner

☒ Wall Mounting Plate

☒ Connecting Rod

☒ Flange Gasket

🔍 Search

Part Number	1036046
Description	6" FLG MAIN HSG ASY L/GSKT, +
Category	Spare Part
Type	Flange Main Housing Assembly
	Order Online



Part Number	1044713
Description	MOD AIR INLT HSG
Category	Spare Part
Type	Air Inlet Housing
	Order Online
Part Number	1049002
Description	TUBE-O-THERM SW ACT CAM
Category	Spare Part
Type	Switch Actuator
	Order Online
Part Number	1052207
Description	6-8 TOT MTR CONN ROD
Category	Spare Part
Type	Connecting Rod
	Order Online
Part Number	1059634
Description	8" HC EB CONN ROD ASY
Category	Spare Part
Type	Connecting Rod Assembly
	Order Online
Part Number	1059643
Description	8" HC TRNSTN SLV
Category	Spare Part
Type	Burner Sleeve
	Order Online
Part Number	1059644
Description	8" HC GAS NZL
Category	Spare Part
Type	Gas Nozzle
	Order Online
Part Number	1059645
Description	8" HC AIR PLT
Category	Spare Part
Type	Air Plate
	Order Online
Part Number	1059898
Description	8" HC PERF PLT
Category	Spare Part
Type	Perforated Plate
	Order Online
Part Number	1062436
Description	8" HC CONN ROD
Category	Spare Part
Type	Connecting Rod
	Order Online

Rows 10 ▾

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