

Next Generation Oxy-Fuel Burners

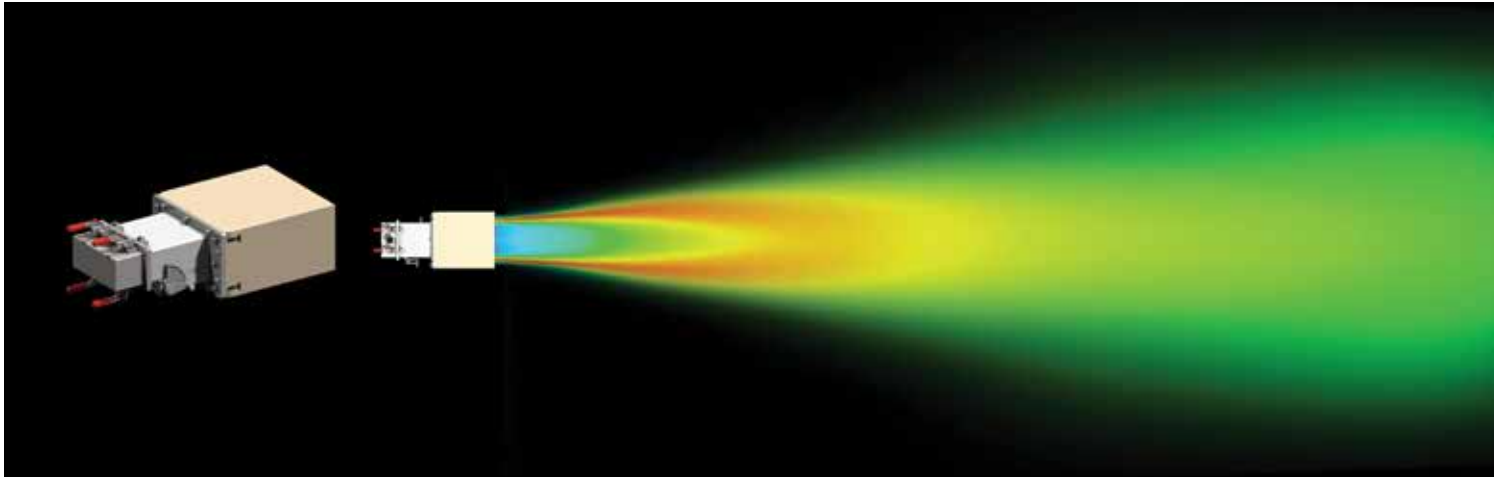


OXY-THERM® FHR Dual-Fuel Burners

OXY-THERM® FH Forehearth Burners


A Honeywell Company

OXY-THERM® FHR



Dual-Fuel Oxygen Burner

The OXY-THERM FHR burner delivers the ideal flat flame pattern for optimal heat transfer and furnace performance.

Be prepared for tomorrow's tighter emissions standards. The next generation in oxy-fuel technology, The OXY-THERM® FHR burner improves radiant heat transfer in high temperature applications such as glass furnaces, reheat furnaces, metals processing, and linear and rotary hearth furnaces, all while significantly reducing NOx emissions.



Better Flame, Better Heat

High aspect ratio flat flame for greater furnace coverage

Highly radiant, optimized flame pattern for effective heat transfer

Firing range of 0.5 – 24 Mbtu/h

Performance Benefits

Fuel savings of as much as 25% (gas) or 40% (oil) compared to air-fuel burners

Increase production throughput by as much as 20%

Cuts flue gas volume by as much as 75%

Operational Flexibility

Four block sizes, 25 gas nozzles, 13 oil nozzles to fit any application

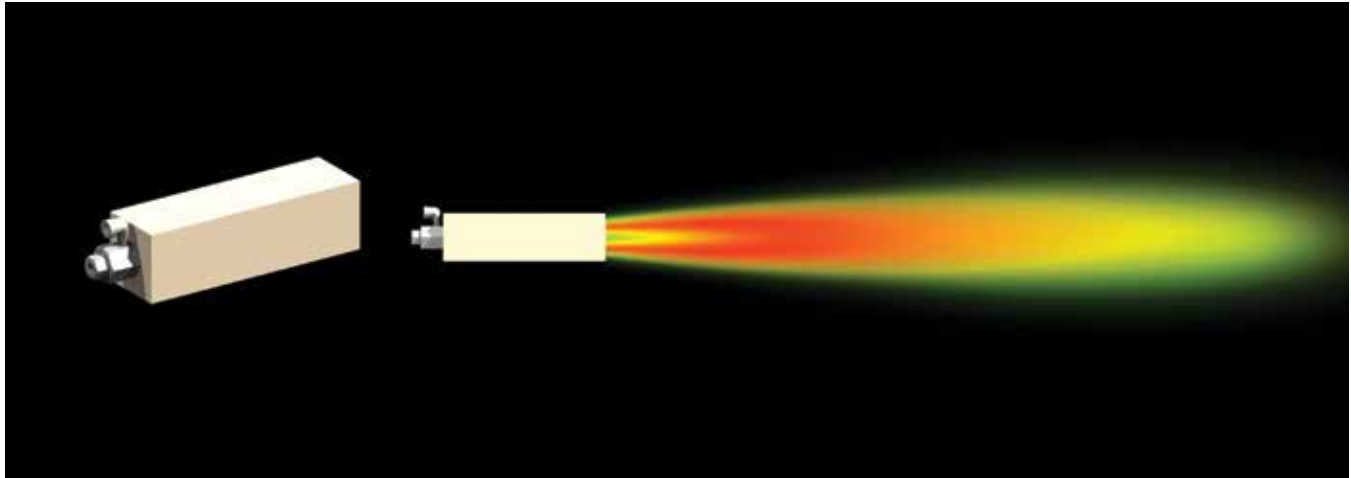
Dual fuel capable: simply change the nozzle to change the fuel

Change fuel type or burner capacity without replacing the housing assembly

Adjustable oxygen staging to vary flame length and radiant heat transfer

OXY-THERM® FHR Gas		S	M	L	XL
Maximum capacity range	MBtu/h	1.0 – 3.2	2.9 – 6.3	6.0 – 13.1	10.0 – 24.0
	MW	0.29 - 0.94	0.85 - 1.8	1.7 - 3.8	2.9 - 7.0

OXY-THERM® FH



Gas-Oxy Forehearth Burner

Improves heat transfer with increased flame temperature and luminosity

The next-generation technology in the OXY-THERM® FH burner maximizes efficiency and minimizes emissions.

Better Flame, Better Heat

Improves temperature homogeneity in the glass

Fires any gaseous fuel

Operational Flexibility

Reduced maintenance and safety issues

Ease of set up and operation



Complete Combustion Systems

Put our **Engineered Systems Group** to work ensuring professionally engineered combustion solutions, whatever your application.

To learn more, talk to your Maxon representative.

Performance Benefits

As much as 80% reduction in NOx emissions

As much as 60% reduction in fuel consumption

OXY-THERM® FH	FH 17		FH 25	
	Maximum capacity range	MBtu/h	17	25
	kw/hr	5.0	7.3	

Maxon, A Honeywell Company

Environmental and Combustion Controls
Honeywell International Inc.

World Headquarters

MUNCIE, INDIANA, USA
Maxon Corporation
201 East 18th Street
P.O. Box 2068
Muncie, IN 47307-0068
Tel: 765.284.3304
Fax: 765.286.8394

Canada Sales Office

TORONTO
Maxon Industrial Equipment
3333 Unity Drive
Mississauga, Ontario L5L 3S6
800-489-4111
855-262-0792 fax

European Sales Office

BELGIUM
Maxon International BVBA
Luchthavenlaan 16-18
1800 Vilvoorde, Belgium
Tel: 32.2.255.09.09
Fax: 32.2.251.82.41

Asia/Pacific Sales Office

SINGAPORE
Maxon, A Honeywell Company
Asia Representative Office
17 Changi Business Park
Central 1
Singapore 486073
Tel: 65.6580.3358
Fax: 65.6580.3345

China Sales Office

SHANGHAI
Maxon Combustion Equipment
(Shanghai) Co., Ltd.
1st Floor & Section A, 4th Floor
225 Meisheng Road
Wai Gao Qiao Free Trade Zone
Pudong New Area
Shanghai 200131, P.R. China
Tel: 86.21.5866.1166
Fax: 86.21.5868.1569

India Sales Office

PUNE
Maxon, A Honeywell Company
India Liaison Office
53, 54, 56, 57 Hadapsar Industrial Estate
Environmental & Combustion Controls
Sapphire Building 2nd floor, A wing
Pune 411013 India
91-98-50907894
91-20-66008330
91-20-66008509

Sales Offices &
Representatives Worldwide

www.maxoncorp.com

A Full Line of Oxy-Fuel Burners

OXY-THERM® delivers clean combustion and fuel flexibility for high temperature applications.



OXY-THERM®
Gas or oil burner

- Maximum heat transfer
- Clean combustion with low emissions



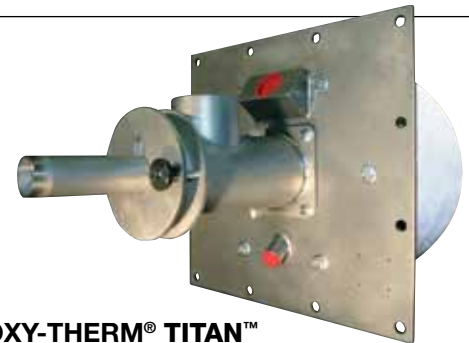
OXY-THERM® LEFF
Flat flame gas burner

- Fan-shaped flame maximizes furnace coverage
- Patented oxygen staging maximizes radiant heat transfer



OXY-THERM® LE
Gas or oil burner

- Lowest NOx emissions with industry's first staged oxygen burner
- Fuel flexibility: converts quickly to gas or oil

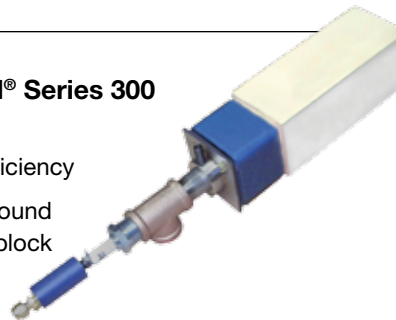


OXY-THERM® TITAN™
High capacity oxy burner

- Compact flame geometry
- Mounting and ignition flexibility for a wide range of applications

OXY-THERM® Series 300
Gas burner

- Increased efficiency
- Available in round and square block options



02-00001 DM
May 2013
Printed in U.S.A.
© 2013 Honeywell International Inc.


MAXON®
A Honeywell Company