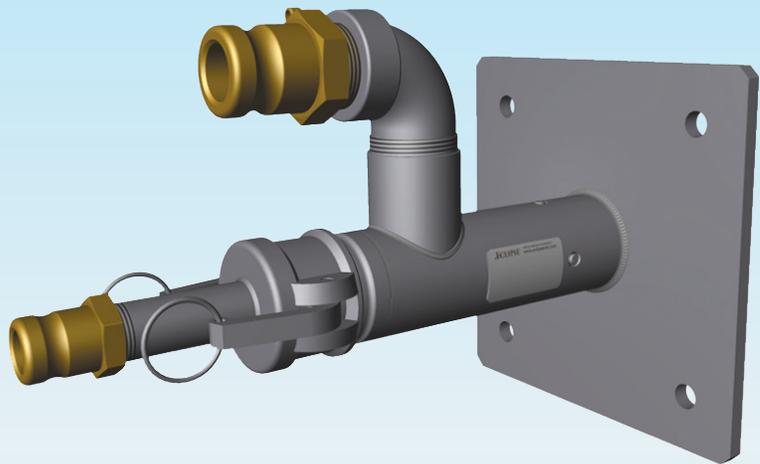


Eclipse PrimeFire 150 burners

Product brochure · US
7 Edition 06.15



ECLIPSE®

- Low flow oxy-fuel burner
- High flame luminosity
- Low flame temperature
- Low emissions (NO_x and particulates)
- Uniform heat distribution
- No maintenance design
- Easy to install
- Single piece design
- Proven field and laboratory performance
- Gas tube slides in with simple quick connect
- Flame safety and ignition can be provided

Applications

The PrimeFire 150 is an oxygen-fuel burner from Eclipse. It is a low flow version of the PrimeFire 100, for use in high temperature applications including non-ferrous and ferrous metal applications as well as glass furnace applications. The burner can be installed on the fly during operation and requires very little setup and requires practically no maintenance.

PrimeFire 150 combines ease of installation, minimal maintenance, and versatility

The PrimeFire 150 oxygen-fuel burner produces a conical flame shape and has multiple-fuel capabilities (natural gas and light/heavy oils). Like with the PrimeFire 100, it can be used in many different glass and high temperature furnaces worldwide, and is rated for lower flow.

Available Inputs.

The PrimeFire 150 burner is available in three capacity ranges:

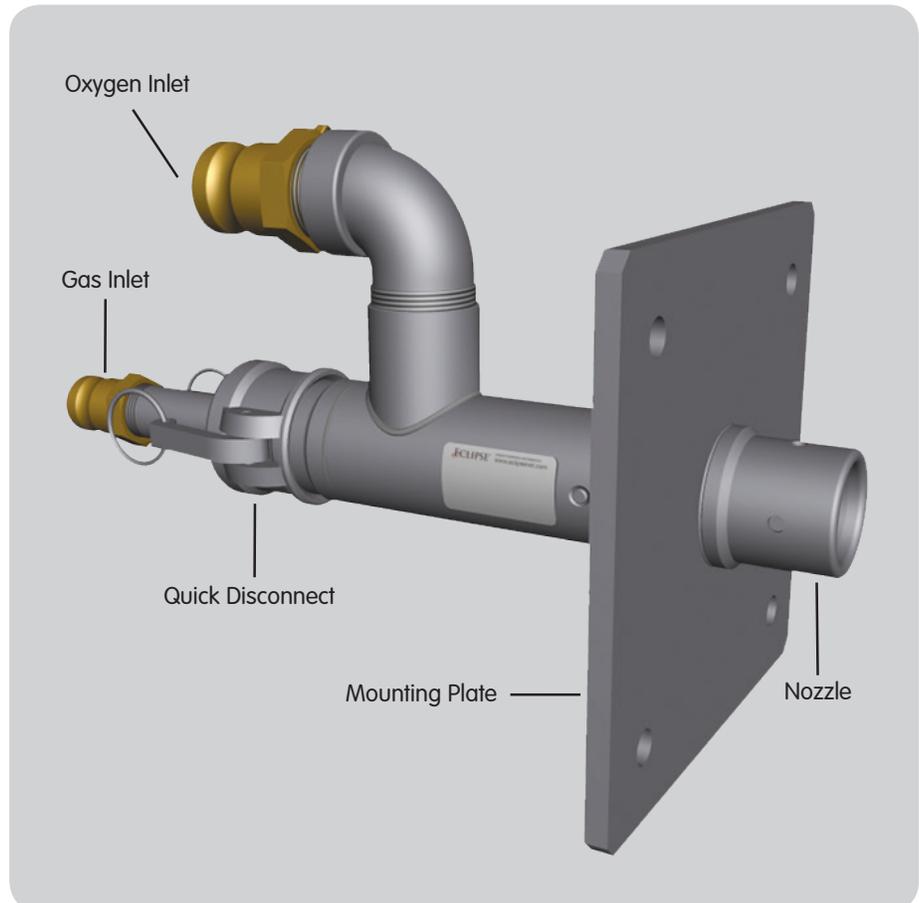
- 0.10 – 0.50 MM Btu/h
- 0.25 – 1 MM Btu/h
- 0.50 – 2 MM Btu/h

Oil Burner Features

- Ability to switch from one fuel to another in a few minutes with an oil lance insert
- Common burner and burner block components between the natural gas and oil designs

Typical applications include:

- High temperature ferrous metals
- High temperature non-ferrous metals
- Glass melting furnaces



Contact

www.eclipsenet.com → Sales

Eclipse, Inc.
1665 Elmwood Road
Rockford, IL 61103
USA

T +1 815 877-3031
info@eclipsenet.com
www.eclipsenet.com

We reserve the right to make technical modifications in the interests of progress.
Copyright © 2015 Elster GmbH
All rights reserved.