



# ExtensoJet Burners

Model EJ025

Version 2

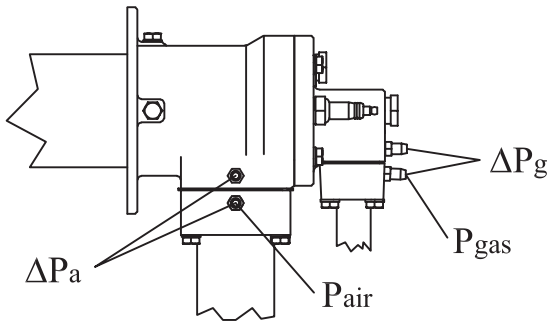
## Main Specifications

| PARAMETER  | SPECIFICATION   |              |              |
|--|---|--------------|--------------|
|  | Nat. Gas  | Propane      | Butane       |
| Maximum input Btu/hr (kW)  | 250,000 (73)  | 250,000 (73) | 250,000 (73) |
| Minimum Input, on-ratio Btu/hr (kW)  | 25,000 (7.3)  | 25,000 (7.3) | 25,000 (7.3) |
| Gas Inlet Pressure "w.c. (mbar)<br>• Fuel pressure at gas inlet<br>(P <sub>gas</sub> – see page 2) | 9.2 (22.9)  | 8.9 (22.2)   | 9.0 (22.4)   |
| Air Inlet Pressure "w.c. (mbar)<br>• Air pressure at air inlet<br>(P <sub>air</sub> – see page 2)  | 10.3 (25.6)   | 9.4 (23.4)   | 9.5 (23.6)   |
| High Fire Flame Length Inches (mm)   | 24 (610)  | 13 (330)     | 12 (305)     |
| Maximum flame velocity ft/s (m/s)<br>• 15% excess air, at maximum input                            | 655 (200)   |              |              |
| Flame detection  | Flame rod only  |              |              |
| Maximum Furnace Temperature °F (°C)  | 2250 (1232)   |              |              |
| Approximate Weight Lbs. (kg)   | 40 (18)   |              |              |
| Fuel   | Natural Gas, Propane, Butane<br><i>For any other mixed gas, contact Eclipse for orifice sizing.</i> |              |              |

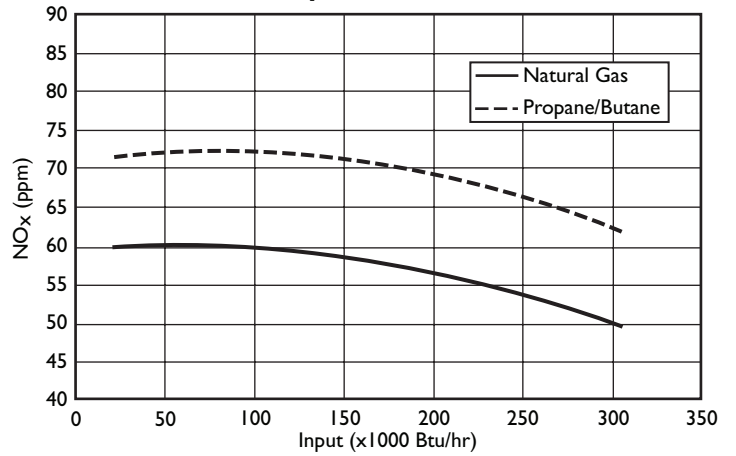
- All information is based on laboratory testing in neutral (0.0" w.c.) pressure chamber. Different chamber size and conditions may affect the data.
- All inputs based upon gross caloric values.
- Eclipse reserves the right to change the construction and/or configuration of our products at any time without being obliged to adjust earlier supplies accordingly.

# Specifications

**Adjusting Diagram**



**NO<sub>x</sub> Emissions**  
Stoichiometrically fired and corrected to 3% O<sub>2</sub>



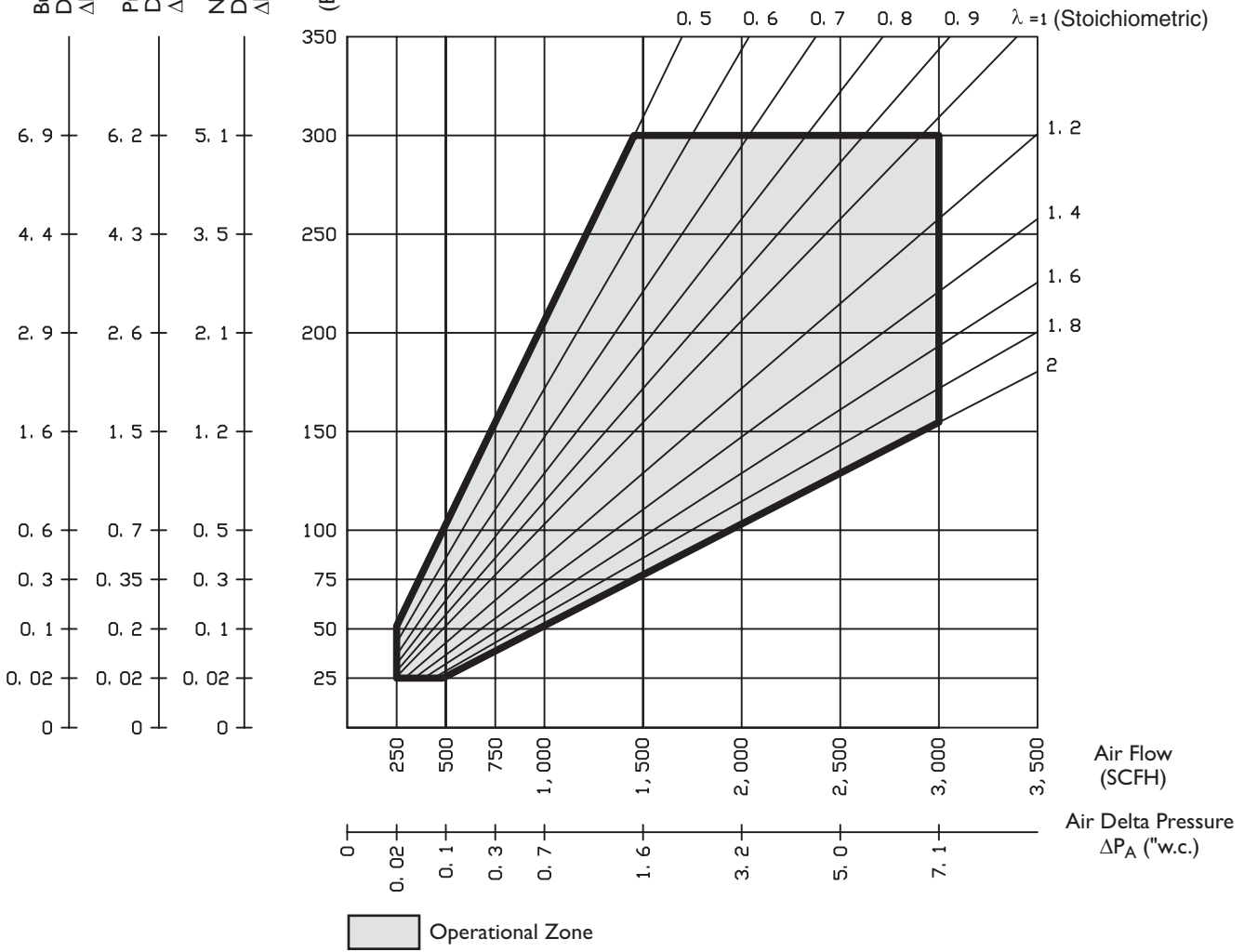
Butane  
Delta Pressure  
 $\Delta P_G$  ("w.c.)

Propane  
Delta Pressure  
 $\Delta P_G$  ("w.c.)

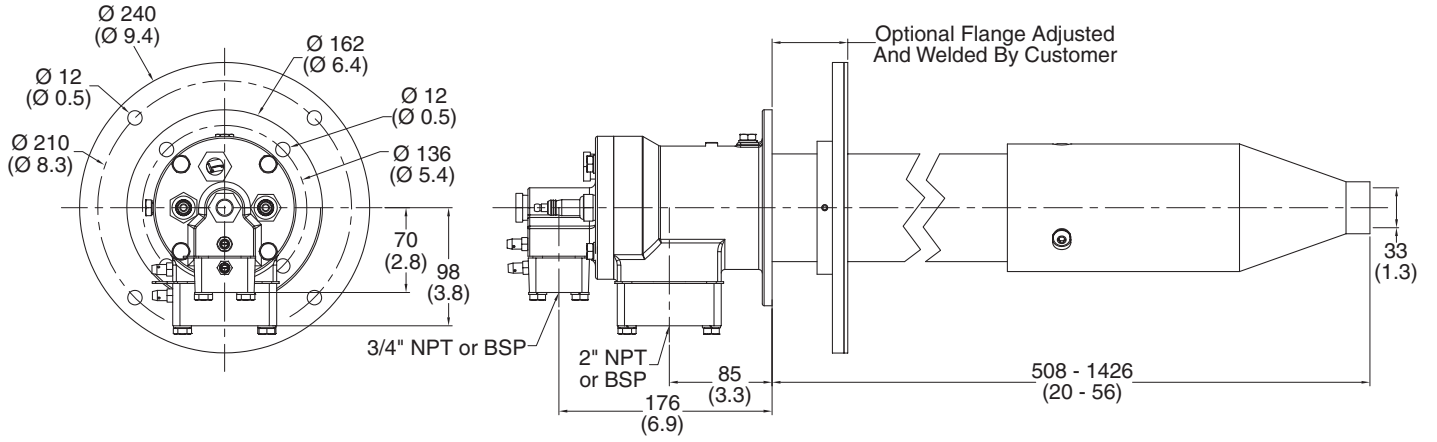
Natural Gas  
Delta Pressure  
 $\Delta P_G$  ("w.c.)

Capacity  
(Btu/hr x 1000)

- Ø 30 mm Air Orifice
- Ø 8.8 mm Natural Gas Orifice
- Ø 6.7 mm Propane Orifice
- Ø 6.1 mm Butane Orifice



# Dimensions mm(inches)





**Offered By:**

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[www.peconet.com](http://www.peconet.com)