Power Flame® Type JA HTD

Power Flame’s Versatile Small to Medium Range High Turndown Gas Burner

The Power Flame Type JA HTD burner presents optimum, state-of-the-art design for maximum combustion efficiency and operating dependability. These packaged combustion systems will fire natural gas at turndowns of 10 to 1 or higher. The flame retention firing head incorporates a premix combustion zone with stainless steel, multiport diffuser to produce full range stable performance in both positive and negative combustion chambers. The JA HTD burner is capable of firing high pressure drop and confined combustion chamber configurations.

Operating system adjustments have been minimized to provide trouble-free start up and operating performance.

The integrally mounted control cabinet on the JA HTD (optional on the JRA HTD) provides annunciator features usually found on larger industrial size systems. The modular design produces added flexibility in the choice of optional features. All Power Flame packaged combustion systems are factory fire-tested to ensure cost effective installation and start up.

Totally Enclosed Control Cabinet
Protection with easy access to operating components for JA HTD (Optional panel for JRA HTD shown above)

Alpha System™ LED Indicators & Switches
Operator annunciation on JA HTD is unique for small to medium size applications (Light board shown on the right panel section is optional. Annunciation is an optional feature for JRA HTD with panel).

JHTD-0797 Rev. 006
STANDARD EQUIPMENT
- 3450 RPM Motor, squirrel cage blower cabinet with Alpha System™ LED Indicators (Power, Demand, Main Fuel, FSG Alarm, Customer Selectable), and control switch
- Leakage test, pilot and main gas cocks
- Gas electric pilot and gas ignition transformer
- Pilot and main gas pressure regulators (14 in. W.C. inlet max)
- Flame safeguard with UV scanner, intermittent pilot and presurge
- Air safety switch
- Adiabatic chamber*

ADDED FEATURES
X Standard  O Optional
Prepiped and prevaporized gas train
Rear or top MTD control panel in JRA
Flame safeguard and interlocked pilot
On-Off diaphragm gas valve with separate gas pressure regulator
Solenoid safety gas valve
Modulation with automatic air control—135 OHM signal std.
Manual potentiometer with Manual-AutomaticSelect 0-10V switch
One (1) proof of closure valve can replace the two (2) STD gas valves
Customized control systems and accessories

MODEL JA HTD
MODEL JRA HTD (For low core line applications)

DIMENSIONS (Inches) Standard Models.

RATINGS & SPECIFICATIONS

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