

Specification Data Sheet
Oil Fired Burner or Igniter Safety Shutoff Valve Systems
Series T500, T1000, T2000

Customer: _____ Inquiry / P.O. # : _____

Location: _____ Quantity: _____

Model Number: T500 Oil Valve T1000 Oil Valve T2000 Oil Valve (Mechanically Atomized)

Agency Approval: Factory Mutual No approval required

End Connection Size: 1/2" (T500) 3/4" (T1000/2000) 1" (T1000/2000)

End Connection Type: Spigot Butt Weld Socket Weld* MNPT* (Schedule 80 only)
 ANSI 300# Flanged* (T1000 only) ANSI 600# Flanged* (T2000 only)
 Special Configuration (Consult Factory with needs)*

Pipe Schedule: Schedule 40 Schedule 80

Fuel Pressure Rating: 300 PSI (Standard) 600 PSI (T2000/Pneumatic) 1400 PSI (T2000/Electrohydraulic)
 Special (Consult Factory)

Steam Temperature Rating: 450° F (Standard) Special (Consult Factory)*

Trim Option: Standard Cooling Steam or Air Seat Ring*

Flow Direction: Left to Right Right to Left

Junction Box Rating: NEMA 4 (Painted Steel) NEMA 4X* (Al or SS)
(Ingress Protection)

Junction Box: Yes, (Standard; Nema 4 – CS) Yes, Optional S.S.*
 Yes, Optional Al* None
 Yes, Optional Nema 4 Hinged Cover Yes, Optional Nema 4 X-Large Hinged Cover (T1000/T2000 only)

Actuator Type: Pneumatic Electrohydraulic (T1000/T2000 Only) None

Valve Failure Position: Fail Closed (Safe) Fail in Last Position (Non-FM Approved)
 Fail in Last Fire Solenoid/Fail Closed Purge Solenoid

Actuator / Solenoid Seal Material: Buna (Standard) Viton* (Recommended for High Ambient Temp.)

Solenoid Supply Voltage: 110VAC 220VAC
 125VDC 120VDC 48VDC 24VDC 12VDC
 No Solenoid Special (Consult Factory, Non-FM Approved)

Electrohydraulic Actuator Voltage: 110VAC 220VAC

Hazardous Area Classification: Non Hazardous (Nema 4)
 Class 1 Division 2* (Nema 7, T1000/T2000 Pneumatic Actuators Only)
 Class 1 Division 1* (Consult Factory, No Junction Box or Conduit Runs Supplied)

Limit Switch Type: SPDT DPDT* SPDT – GO Proximity*

Ambient Temperature: Standard (-20° F to 140° F Pneu. Act.; 175° F Electrohydraulic Act.)
 High Temperature (141° F to 180° F Pneumatic Actuators Only)

Filter Regulator: No (Standard) Yes* (Includes Pressure Gauge)

Speed Control: No (Standard) Yes*

Rack: No (Standard) Single Valve* Multiple Valve*
 Bracket Only* (Consult Factory)

Wire Gauge: AWG 16 (Standard) AWG 14*

Wire Termination: None (Standard) Spade Connector* Full Ring Lug*