

## JASC reaches 40,000 unit milestone on industrial valves!

JASC is pleased to announce a shipping milestone for industrial power generation products! Over the past five (5) years, JASC has manufactured and shipped liquid fuel check valves, purge air check valves and three-way purge valves for use on heavy duty gas turbine engines used in power generation.

Breakdown of these industrial products:

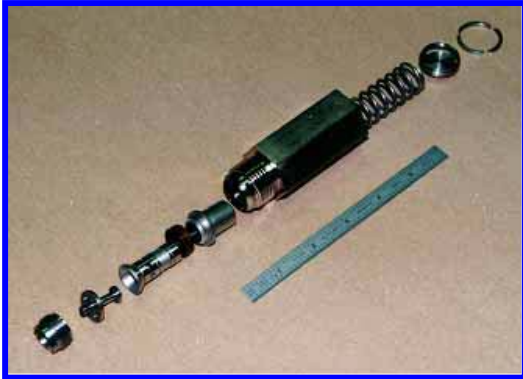
Liquid Fuel Check Valves	= 25,000
Purge Air Check Valves	= 12,000
Three-Way Purge Valves	= 3,000
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	40,000 units

**JASC's High-Flow, Zero-Leak Liquid Fuel Check Valves** are designed to operate with fluids including stoddard solvent, jet fuels, hydraulic oil and synthetic oil. Fluid damping is used to provide stable operation from crack to full flow operation.

**JASC's Purge Air Check Valve** units are designed to operate continuously on a gas turbine engine with air temperature in excess of 400° F in the free flow direction and with liquid fuel, up to 1200 PSID and 250° F in the checked direction. These units will also operate on water, stoddard solvent, jet fuel, diesel fuel, hydraulic oil, and synthetic oil.

**JASC's Three-Way Purge Valve** offers a means to deliver fuel or purge air to the combustion chamber atomizers of a gas turbine engine. The valve operates at high pressure and temperature while maintaining zero leakage between individual air and fuel sources.

Please see the following page for product specifications on these high-quality industrial-based products. For information on other product specialties, please visit us on the web at [www.jasc-controls.com](http://www.jasc-controls.com).



*High-Flow, Zero Leak Check Valves*

**Operating Specifications**

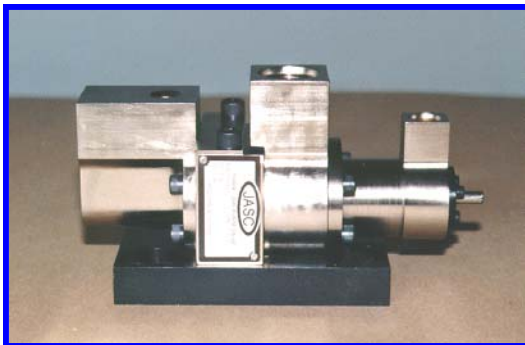
**Inlet Pressure:** 0-1225 PSIG  
**Inlet Temperature:** 60 °F to 250 °F  
**Flow Range:** 0.5-15.0 GPM  
**Check Pressure:** 300 PSIG  
**Maximum Ambient Temperature:** 400 °F  
**Soakback Temperature:** 700 °F  
**Maximum Pressure Drop:** 170 PSID  
**Operating Flow:** 15.00 GPM  
**Crack Pressure:** 114-126 PSID  
**Contamination Level:** 75 Microns Absolute  
 98.67% 39 Micron or Less 4 MG/100ML



*Purge Air Check Valves*

**Operating Specifications**

**Operating Pressure:** 1200 PSIG  
**Inlet Pressure:** 0 to 50 PSIG  
**Operating Temperature:** 600 °F  
**Inlet Temperature:** 0 °F to 300 °F  
**Flow Range:** 0-0.060 lbs/second  
**Check Pressure:** 0 to 1225 PSID  
**Maximum Ambient Temperature:** 400 °F  
**Soak Temperature:** 700 °F  
**Maximum Pressure Drop:** 5 PSID  
**Pressure Drop Tolerance:** 3 to 5 PSID  
**Crack Pressure:** 1 PSID Max.  
**Leakage in Check Direction:** 1 cc/minute on air or nitrogen  
**Contamination Level:** 75 microns absolute  
 98.67%, 39 microns or less 4 mg/100ml



*Three-Way Purge Valve*

**Operating Specifications**

**Fuel Specs**

Fuel Type: Diesel, Jet Fuel  
 Operating Pressure: 0-1225 PSIG  
 Operating Temperature: 0 to +250 °F  
 Flow Rate: 0-20 GPM @ 50 PSID max.

**Purge Air Specs**

Pressure: 0-300 PSIG  
 Temperature: -30 to + 400 °F  
 Flow Rate: 0-0.05 lbs/sec @ 0.5 PSID max.

**Pilot Air Specs**

Pressure: 0-100 PSIG  
 Temperature: -30 to +300 °F  
**Contamination Level:** 75 microns absolute  
 98.67%, 39 microns or less 4 mg/100ml