

# Back Pressure and Pressure Relief Valves Series 9000 and Series 9100



# Valcom

Since 1966  
**INDICO** BRAND

**Available in these sizes:**  
1/2" to 1" FNPT 150 PSI rating  
1-1/2" FNPT 100 PSI rating

**Available Body materials:**  
PVC  
CPVC  
Teflon  
303 SS  
316 SS

Valcom offers an inexpensive way to protect your critical pumps and chemical feed systems while maintaining consistent product flow.

The PVC, stainless steel and Teflon construction of Valcom Series 9000 Back Pressure and Pressure Relief Valves can stand up to most chemicals. The heavy duty Teflon and rubber diaphragm valve provides a leak proof seal while allowing full flow through the valve.

Unlike most Back Pressure Valves, the entrance and exit ports of the series 9000 valve are sized to match the inside diameter of the feed line pipe.

This feature minimizes the abrupt velocity changes that occur in other valves of this type.

By maintaining consistent fluid velocity Valcom Series 9000 valves minimize valve chatter and provide full flow to your production line.

No special tools are required to adjust the series 9000 valve, and should the need arise, replacement of the diaphragm can be easily done in the field using ordinary hand tools.

See back of page for sample specifications

**Valcom div. of TRI 81 Diamond St. Walpole, MA 02081**

PH 508-668-5583 FAX 508 668 5203

Web address [tooling-research.com](http://tooling-research.com)

**To order call 800-394-5583**

Back Pressure Valves / Pressure Relief Valves

# **Back Pressure and Pressure Relief Valves**

## **Series 9000 and Series 9100**

### **Sample Specifications**

#### **Indico® Series 9000 Back Pressure Valve**

There shall be provided an Indico® Series 9000 Back Pressure valve for the purpose of maintaining a consistent preset pressure against the output of the metering pump. The Back Pressure valve shall be manufactured of PVC or other appropriate material in contact with the fluid path as required to maintain compatibility with the fluid being pumped. The sealing element of the valve shall be manufactured of Teflon® or PTFE with an elastomeric backing, and shall be held against the seat of the valve through the application of spring pressure. The spring pressure shall be adjustable through a range of from 0 to 150\* psi, using readily available standard tools. The Back Pressure valve shall have port sizes matching the ID of the piping in use, and shall not significantly reduce the fluid flow through the valve when the valve is fully open. All exposed hardware shall be of stainless steel.

\*0 to 100 psi for 1-1/2" valves

The Indico® Series 9000 Back Pressure Valve is manufactured by the Valcom div. of TRI Walpole, MA 02081

Teflon® is a registered trademark of the E.I. Dupont Corporation

#### **Indico® Series 9100 Pressure Relief Valve**

There shall be provided an Indico® Series 9000 Pressure Relief valve for the purpose of eliminating overpressure of the pump line. The Pressure Relief valve shall be manufactured of PVC or other appropriate material in contact with the fluid path as required to maintain compatibility with the fluid being pumped. The sealing element of the valve shall be manufactured of Teflon® or PTFE with an elastomeric backing, and shall be held against the seat of the valve through the application of spring pressure. The spring pressure shall be adjustable through a range of from 0 to 150\* psi, using readily available standard tools. The Pressure Relief valve shall have port sizes matching the ID of the piping in use, and shall not reduce the fluid flow through the valve when the valve is fully open. All exposed hardware shall be of stainless steel.

\*0 to 100 psi for 1-1/2" valves

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