

Cryogenic Solenoid Valves

It very simple to select and use a solenoid valve for transferring LN₂ or venting cryogenic gases. KIC distributes the Jefferson Cryogenic valves keeping inventory for immediate delivery. Both direct acting and pilot operated models are available with Brass bodies. For Stainless Steel or reverse acting (NO) applications, special orders are possible. A power cable is provided with each valve.



General Specifications

Identifier: Cryo-SOV by Jefferson Valves
Body Material: Brass with SSTL as Special Orders
Types: Direct Acting and Pilot
NC or NO Available
Cryogenics: LN₂, LAr, and LOX
Origin: Argentina / USA
Inventory Available: See Table
Coil Voltages: 24 VDC, 120 VAC, 230 VAC
50-60 Hz

Applications

Biological Storage and Preparation
SEM, TEM, and TXRF, X-Ray Crystallography
Transferring Cryogenics from Commercial Cylinders

Model Number	Size	Cv	MAX psi	Type
1327BT402UC	0.25 NPT	0.50	75	Direct and NC
1327BT302UC	0.25 NPT	0.30	150	Direct and NC
1390BT222	0.25 NPT	0.15	300	Direct and NC
1390BBT3UC	0.375 NPT	1.87	225	Pilot and NC (note 1)

Above are Stocked Items

Note 1: Requires 1.5 psi of Backpressure to Close

As Easy as Tap Water..... Solutions for the Lab

Contact the KIC Engineers to learn about additional accessories such as the Flexible Transfer Lines, Electronic Level Sensors, and Fill Controllers. A suite of complementing components can provide for a complete Laboratory Solution. The KIC products can make the task of Automatic LN₂ transfer as Easy as Tap Water