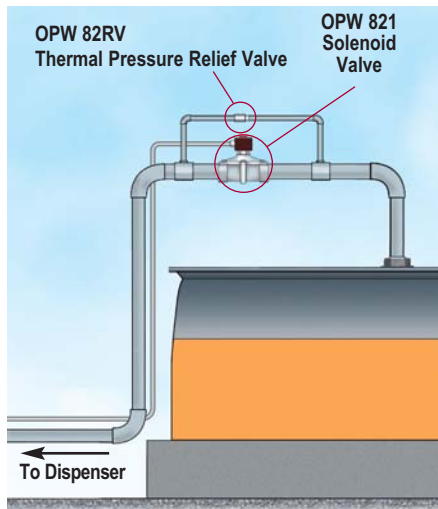
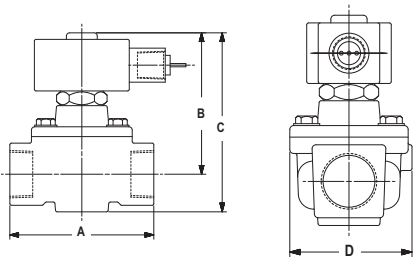


OPW 821 Solenoid Valve

The OPW 821 Solenoid Valve is designed to prevent accidental siphoning of above ground storage tanks if a leak or break occurs in the fuel supply line. The 821 valve is a two-way, normally closed diaphragm valve that opens when energized to allow fuel to flow to the pump or dispenser. Available in female NPT threads.



OPW 82RV

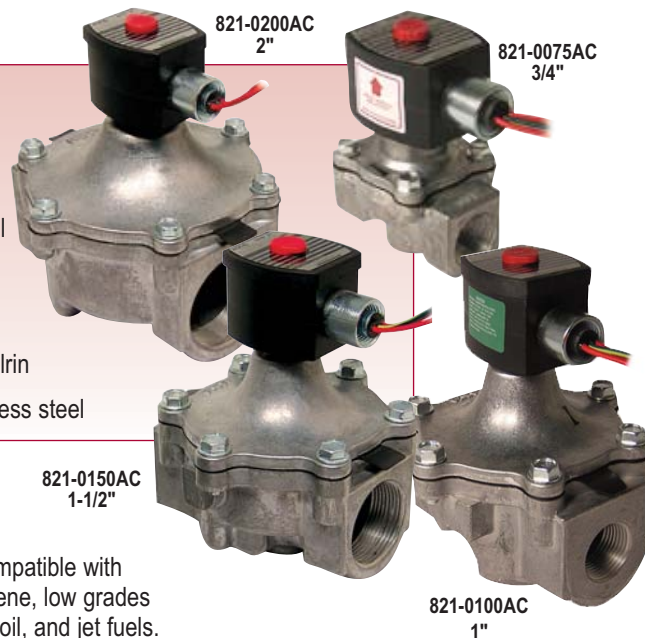
The 82RV is designed to give thermal pressure relief to our 821 Series Solenoid Valve line. Made of all stainless steel construction with a Viton® seal, it is suitable for all petroleum products. The 82RV is precision set at the factory at 25 PSI (1.7 bar), and is field adjustable from 5 to 30 PSI (.34 to 2 bar).



North America Toll Free – TELEPHONE: (800) 422-2525
 Fax: (800) 421-3297 • Email: domestic@opw-fc.com
 International – TELEPHONE: (513) 870-3315 or (513) 870-3261
 Fax: (513) 870-3157 • Email: intl@opw-fc.com • www.opw-fc.com
 9393 Princeton-Glendale Road • Hamilton, OH 45011

Materials

- Body: aluminum
- Diaphragm: Viton®
- Seals & Disc: Viton®
- Springs: stainless steel
- Rider Rings: Teflon®
- Disc Holder: nylon
- Core Guide: acetal, delrin
- Core & Plugnut: stainless steel



Features

- ◆ **Aluminum Body** - Compatible with gasoline, diesel, kerosene, low grades ethanol/methanol, fuel oil, and jet fuels.
- ◆ **Strainer** - A strainer with 100-mesh screen is recommended at the inlet.
- ◆ **Mount** - Vertical
- ◆ **Explosion Proof Shell & Water-tight**
- ◆ **Standard Operation** - 120/60 volts AC
- ◆ **Thermal Expansion**
- ◆ **Power Draw** - 20 Watts @ 60Hz

Ordering Specifications

Product #	NPT Size	General Purpose	*CV	Fluid Flow Temp.	Operating Pressure Differential (PSI)		Operating Pressure Differential (BAR)		Weight		Mounting Position
					Min.	Max.	Min.	Max.	lbs.	kg	
821-0075AC	3/4	19	AC	5.1 125	0	50	0	3.4	2.75	1.25	Any Position
821-0100AC	1	25	AC	21 125	0	25	0	1.7	5.25	2.38	Upright & Vertical
821-0150AC	1 1/2	38	AC	35 125	0	25	0	1.7	7.25	3.29	Upright & Vertical
821-0200AC	2	51	AC	60 125	0	25	0	1.7	7.25	3.29	Upright & Vertical

*CV Flow: GPM @ 1 PSI Pressure Drop

Dimensions

Product #	A		B		C		D	
	in.	mm	in.	mm	in.	mm	in.	mm
821-0075AC	3.31	84	3.64	92	4.46	113	2.33	59
821-0100AC	5.00	127	5.59	142	6.84	174	5.38	137
821-0150AC	5.00	127	5.59	142	6.84	174	5.38	137
821-0200AC	6.09	155	5.94	151	7.47	190	6.31	160

OPW 82RV - Thermal Pressure Relief Valve

Product #	NPT Size		Operating Pressure 25 PSI, Stainless Steel Construction	Weight	
	in.	mm		lbs.	kg
82RV-2505	1/2	19		.25	.113



82RV-2505 Series Pressure Relief Valve Instruction Sheet Order Number: 200517

Listings and Certifications



CSA Certified



UL Listed



FM APPROVED