

Materials

Body: Aluminum
Diaphragm: Viton®
Seals & Disc: Viton®
Spring: 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 - 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 @ 60 Hz.

Ordering Specifications

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

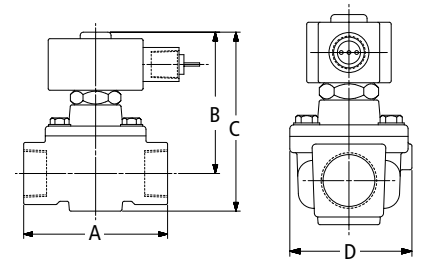
OPW 82RV - Thermal Pressure Relief Valve

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

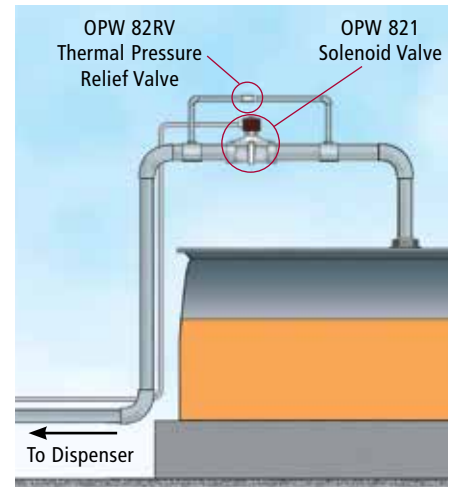


OPW 821 Solenoid Valve

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.



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



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).

Listings and Certifications



CSA Certified



UL Listed