

## 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<br>in. | General<br>Purpose | *CV<br>Flow | Fluid<br>Temp. | Operating Pressure<br>Differential (PSI) |      | Operating Pressure<br>Differential (BAR) |      | Weight |      | Mounting<br>Position |
|------------|-----------------|--------------------|-------------|----------------|------------------------------------------|------|------------------------------------------|------|--------|------|----------------------|
|            |                 |                    |             |                | Min.                                     | Max. | Min.                                     | Max. | lbs.   | kg   |                      |
| 821-0150AC | 1½              | 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 #  | in.  | A   |     | B    |     | C    |     | D    |     |
|------------|------|-----|-----|------|-----|------|-----|------|-----|
|            |      | in. | mm  | in.  | mm  | in.  | mm  | in.  | mm  |
| 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 |

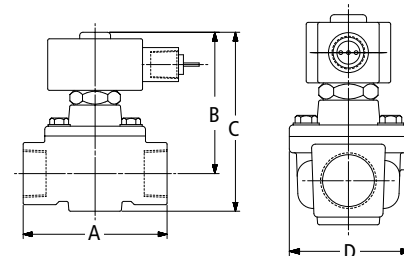
## OPW 82RV - Thermal Pressure Relief Valve

| Product # | NPT Size<br>in. | Operating Pressure<br>25 psi, Stainless-Steel<br>Construction | Weight |      |
|-----------|-----------------|---------------------------------------------------------------|--------|------|
|           |                 |                                                               | lbs.   | kg   |
| 82RV-2505 | ½               |                                                               | .25    | .113 |

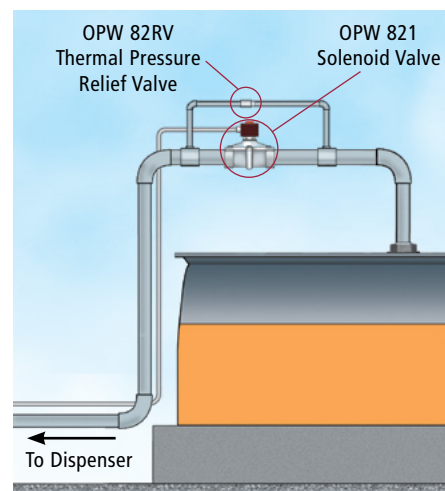


## OPW 821 Solenoid Valve

The OPW 821 Solenoid Valve is designed to prevent accidental siphoning of aboveground 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