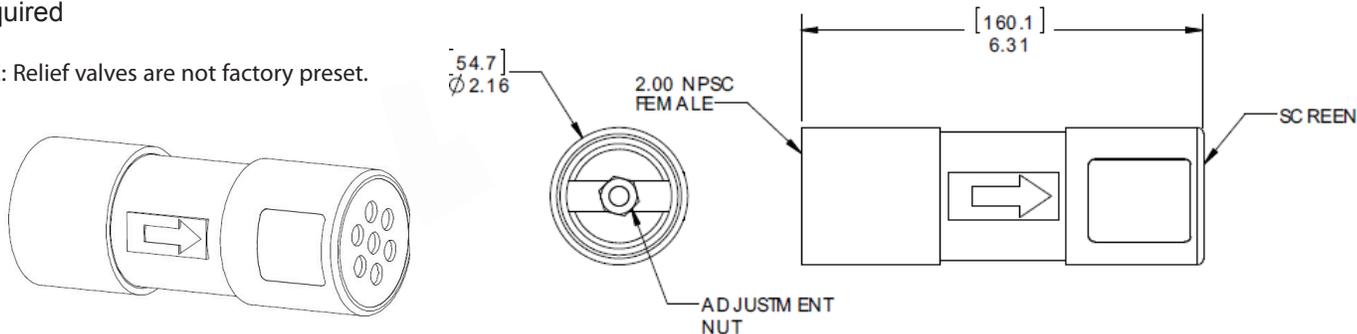


These Relief Valves offer an alternative to our diaphragm regulated designs for applications where pressure/vacuum level control is less critical. Installed properly, they protect your system from excessive pressures/vacuums and keep your blower from overheating.

**Mechanical**

- Suitable for both pressure and vacuum systems
- Inlet screen can be installed on either end as required

NOTE: Relief valves are not factory preset.

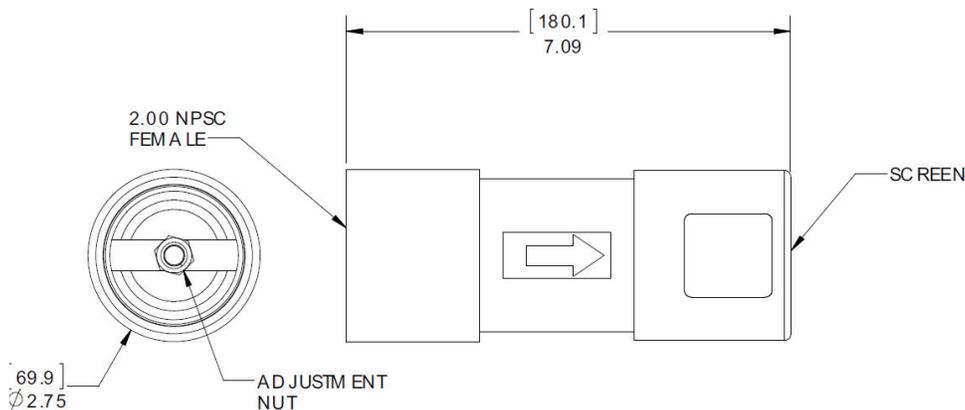


Note: Blower models DR858P9, and S9 require two 551027 relief valves.

**Mechanical Vacuum Only**

- Suitable for vacuum relief only
- Specifically designed for protecting system piping and vessels from damage caused by excessive vacuums

NOTE: Relief valves are not factory preset.



Specification	Units	Part/ Model Number		
		551026	551027	523230
Ref Blower Model	-	B, C, D	D, E, F	A, B, C, D, E, F
Range	in. H2O mbar	20-180 49.8-448.4	41.5-263 103.4-655.1	35-90 87.2-224.2
Connection	-	1 1/2	2	2
Description	-	Mechanical	Mechanical	Mechanical Vacuum Only

<b>A = SPIRAL</b>	<b>E = DR/EN/CP 656, 6, 633, S7</b>
<b>B = DR/EN/CP 068, 083, 101, 202</b>	<b>F = DR/EN/CP 757, 808, 858, S9, P9 (Inlet Only)</b>
<b>C = DR/EN/CP 303, 312, 313, 353</b>	<b>G = DR/EN/CP 833, S13, P13 (Inlet Only)</b>
<b>D = DR/EN/CP 404, 454, 513, 505, 555, 523</b>	<b>H = DR/EN/CP 909, 979, 1233, 14, S15, P15 (Inlet Only)</b>

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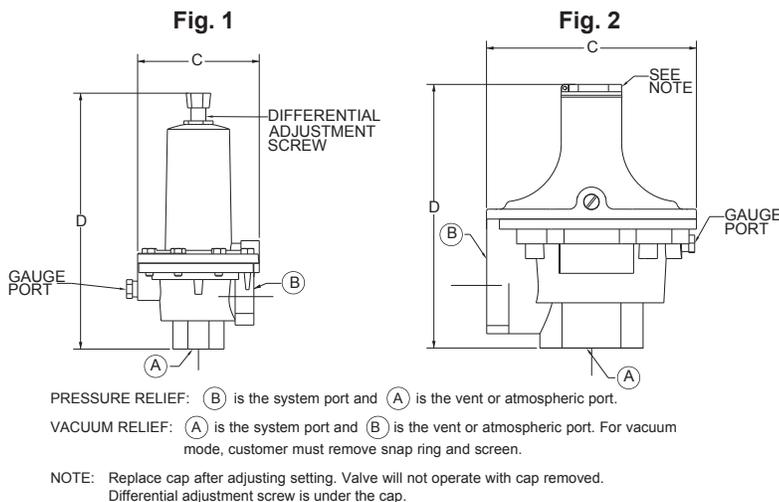
The PRD Valve is installed to prevent excessive system pressure or vacuum that could result from line restrictions. Valves should be installed at the blower outlet (downstream) in pressure systems and at blower inlet (upstream) in vacuum systems. These valves are suitable for air, natural gas, propane, and other non-corrosive service.

Note: PRD valves are not factory preset, but are easily field adjustable.

### SPECIFICATIONS:

VALVE BODY – Aluminum (1"), Cast Iron (2")  
 VALVE SPRING – Steel  
 DIAPHRAGM – Nitrile

NOTE: Blower Model P13 requires two 515093 relief valves.



Specification	Units	Part/Model Number								
		515092	529612	529857	529858	551130	515093	529859	550246	550247
Range	in. H2O mbar	27-125 67.3-311.4	110-415 274-1033.8	277-554 690-1380	7-18 17.4-44.8	14-62 34.9-154.4	48-194 119.6-483.3	110-277 274-690	97-197 241.6-490.7	97-194 241.6-483.3
Description	-	Fig. 1	Fig. 1	Fig. 1	Fig. 2	Fig. 2	Fig. 2	Fig. 2	Not Shown	Not Shown
Ref Blower Model	-	B, C, D, E	B, C, D, E	B, C, D, E	F, G	F, G	F, G	F, G	H	H
Inlet Connection	-	1	1	1	2	2	2	2	2.5	2.5
Outlet Connection	-	1	1	1	2	2	2	2	2.5	2.5
Dimension A	Inches	1.00	1.00	1.00	2.00	2.00	2.00	2.00	2.50	2.50
	mm	25.4	25.4	25.4	50.8	50.8	50.8	50.8	63.5	63.5
Dimension B	Inches	1.00	1.00	1.00	2.00	2.00	2.00	2.00	2.50	2.50
	mm	25.4	25.4	25.4	50.8	50.8	50.8	50.8	63.5	63.5
Dimension C	Inches	4.12	4.12	4.12	7.12	7.12	7.12	7.12	6.19	6.19
	mm	104.6	104.6	104.6	180.8	180.8	180.8	180.8	157.2	157.2
Dimension D	Inches	8.70	8.70	8.70	9.00	9.00	9.00	9.00	7.65	7.65
	mm	221	221	221	228.6	228.6	228.6	228.6	194.3	194.3

<b>A = SPIRAL</b>	<b>E = DR/EN/CP 656, 6, 633, S7</b>
<b>B = DR/EN/CP 068, 083, 101, 202</b>	<b>F = DR/EN/CP 757, 808, 858, S9, P9 (Inlet Only)</b>
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ROTRON has a variety of gauges for pressure, vacuum and temperature measurements in various ranges. These gauges are reliable and rugged.

**SPECIFICATIONS:**

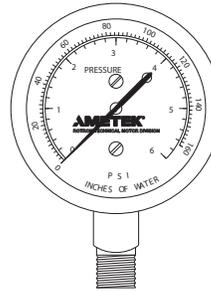
**Pressure/ Vacuum**

CASE— Drawn Steel Finished  
in Black Enamel  
DIAPHRAGM —  
Bronze LENS— Clear  
Plastic ACCURACY—  
2% WEIGHT — 1/2 lb.  
CONNECTION — 1/4"  
NPT FACE — 2 1/2" dia.

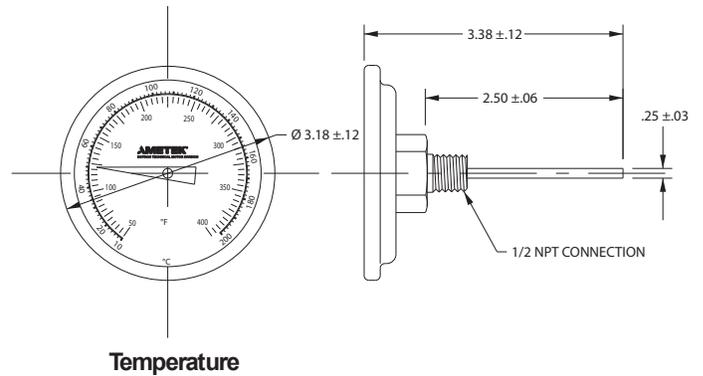
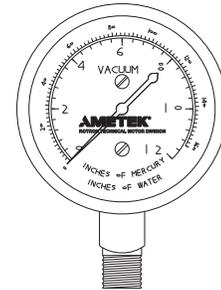
**Temperature**

CASE— Steel  
LENS— Glass  
ACCURACY— 1%  
WEIGHT — 1/4 lb.  
CONNECTION — 1/2"  
NPT FACE— 3" Dial

Pressure



Vacuum



Temperature

		Part/Model Number				
Specification	Units	551376	271949	529428	271950	551368
Range	-	Pressure	Pressure	Vacuum	Vacuum	Temperature
Description	-	0-60 IWG	0-160 IWG	0-60 IWG	0-160 IWG	0-200 Deg C

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