

# Liquid Cylinder Pressure Relief Valves, Dual Relief Kit

reliably  
**RATERMANN**

**GENERANT**

## Liquid Cylinder Pressure Relief Valve

Exclusively for use on DOT 4L Cryogenic Liquid Cylinders



LIQUID CYLINDER PRESSURE RELIEF VALVES

REDUCES  
NOISE  
FROM  
PRESSURE  
RELIEFS

Generant Liquid Cylinder Pressure Control / Relief Valve is designed exclusively for use on DOT 4L Cryogenic Liquid Cylinders. Dramatically reduces the **NOISE** associated with traditional cylinder relief device discharge. Under normal operating conditions it optimizes cylinder performance by venting only what is required to maintain cylinder pressure in a tight band. In the event that circumstances demand, it has adequate flow capacity to ensure safety, meeting all industry and regulatory requirements.



Only for Dewar  
Liquid Applications.

### FEATURES AND BENEFITS

- Designed exclusively for use on DOT 4L Liquid Cylinders
- Eliminates disruptive "pop" historically associated with traditional cylinder relief devices
- Incorporates the customer proven "Dirt Guard" poppet
- Accurately maintains and controls cylinder pressure minimizing product loss
- Exceeds industry and regulatory flow capacity requirements
- Complies with OSHA sound level regulations
- Extensively field qualified
- OEM approved and endorsed
- Cleaned and packaged for Oxygen service standards

To Order –  
1/4" NPT 22 - 500 Psig

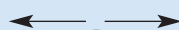
Pressure Setting	Part # each	Part # Package of 10
22 PSI	LPR-22	LPR-22-PK10
35 PSI	LPR-35	N/A
50 PSI	LPR-50	N/A
75 PSI	LPR-75	N/A
100 PSI	LPR-100	N/A
125 PSI	LPR-125	N/A
150 PSI	LPR-150	N/A
175 PSI	LPR-175	N/A
200 PSI	LPR-200	N/A
230 PSI	LPR-230	LPR-230-PK10
235 PSI	LPR-235	LPR-235-PK10
350 PSI	LPR-350	LPR-350-PK10
375 PSI	LPR-375	N/A
400 PSI	LPR-400	N/A
425 PSI	LPR-425	N/A
450 PSI	LPR-450	N/A
500 PSI	LPR-500	N/A

**WARNING:** Products in this catalog can expose you to chemicals including lead which is known to the State of California to cause cancer, birth defects or reproductive harm. For more information, go to <https://www.p65warnings.ca.gov>

### TO DETERMINE THREAD SIZE\*

Match up outside thread base of pressure relief to scale to confirm diameter

Outside Diameter  
7/8

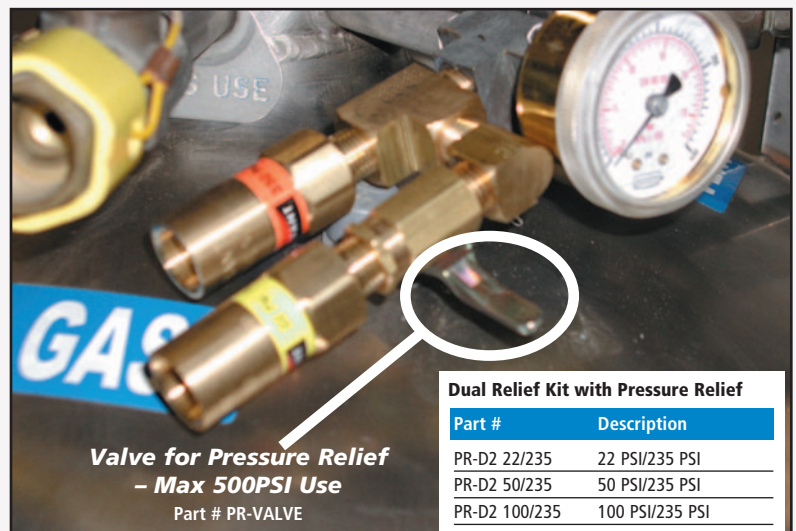


For 1/4" MNPT

\* These sizes are accurate in printed catalog.

### MATERIALS OF CONSTRUCTION

Component	Valve Body Material	
Valve Body, Poppet, Spring Retainer and Screen	Brass, ASTM B16	
Spring	302 SS/17-7 PH ASTM A313	
Seal	Fluorosilicon 22 to 49 PSIG	CTFE 50 to 500 PSIG
Label	.004 Thick Mylar	



Valve for Pressure Relief  
– Max 500PSI Use  
Part # PR-VALVE

### Dewars Option for Multi Pressure Needs

\*Some assembly required

#### Dual Relief Kit with Pressure Relief

Part #	Description
PR-D2 22/235	22 PSI/235 PSI
PR-D2 50/235	50 PSI/235 PSI
PR-D2 100/235	100 PSI/235 PSI
PR-D2 22/350	22 PSI/350 PSI
PR-D2 50/350	50 PSI/350 PSI
PR-D2 100/350	100 PSI/350 PSI
PR-D2	Max 500 PSI Use (w/out Pressure Reliefs)

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