

RV95 Series Cryogenic Relief Valves

This safety valve is specifically designed for cryogenic gases, and can be used for pipeline systems, cryogenic cylinders, or small cryogenic tanks. When the pressure in the system surpasses the preset pressure value, the valve will automatically start relieving excess pressure.

Features

- Valve opens on preset value and reseats below 95%
- Operating Temperature
 - Fluorosilicone: 14 ~ 176°F (-10 ~ 80°C)
 - PTFE: -320 ~ 176°F (-196 ~ 80°C)
- Available Set Pressure: 22 ~ 500 psi (1.5 ~ 34.5 bar)
- Conforms to CGA G-4.1 for cleaning components
- Constructed with oxygen compatible materials

Materials

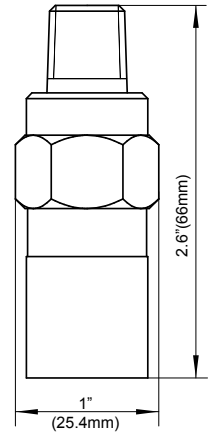
- Valve Body: Brass, Stainless Steel
- Spring: Stainless Steel
- Pressure adjusting screw: Brass, Stainless Steel
- Seal: Fluorosilicone (Apply pressure: 22 ~ 100 psi)
- PTFE (Apply pressure: 150 ~ 500 psi)



B-RV95



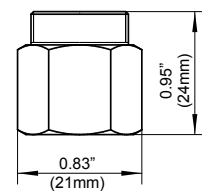
SS-RV95



B-NUT3/4-FNT6



SS-NUT3/4-FNT6



Ordering Information

LNG The storage tank (without lateral holes)

Part Number	Model Number	Set Pressure	Inlet Connection
100055066	B-RV95-T120-NT4	120 psi	1/4"NPT
100055010	B-RV95-T150-NT4	150 psi	1/4"NPT
100055067	B-RV95-T230-NT4	230 psi	1/4"NPT
100055065	B-RV95-T250-NT4	250 psi	1/4"NPT
100055068	B-RV95-T300-NT4	300 psi	1/4"NPT
100055064	B-RV95-T350-NT4	350 psi	1/4"NPT

Color Coded Pressure Labels

Set Pressure	Colors	Set Pressure	Colors
22 psi	Yellow	230 psi	Blue
35 psi	Purple	250 psi	Pink Purple
50 psi	White	350 psi	Orange
100 psi	Gray	450 psi	Pink
150 psi	Red	500 psi	Light Blue

Dewar bottle (with side hole)

SS -	RV95 -	T	150 -	NT4
Body Material	Series	Seat Material	Set Pressure psi (bar)	Inlet Connection
SS: Stainless Steel B: Brass	RV95	F: Fluorosilicone (Set Pressure: 22, 35, 50, 100 psi) T: PTFE (Set Pressure: 150, 230, 350, 450, 500 psi)	22(1.5), 35(2.4), 50(3.5), 100(6.9), 150(10.3), 230(15.9), 350(24), 450(31), 500(35)	NT4: 1/4"NPT NT6: 3/8"NPT NT8: 1/2"NPT