

DIRECT-ACTIVATED PRESSURE RELIEF VALVE

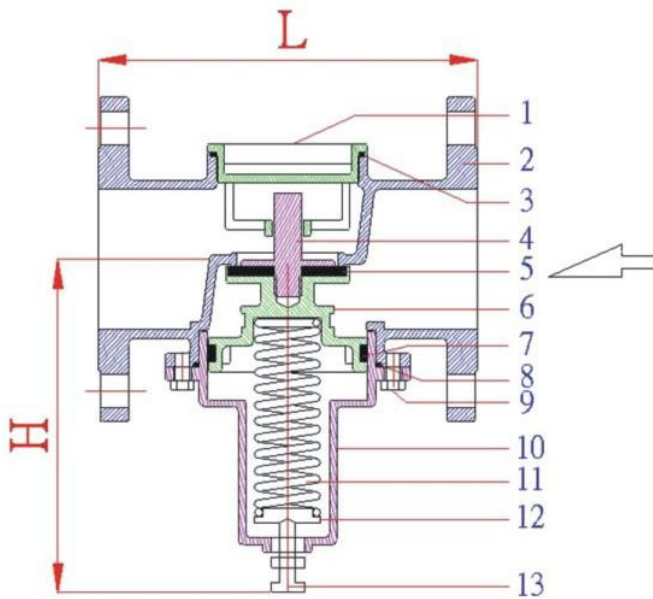


The whole set is made by stainless steel #316, and it is suitable for water, steam, acid & alkaline fluid, or oil. Pressure Relief Valve is a safety device for pipes and it is normally closed. When pressure increases to setting value, pressure relief valve rapidly releases the over high pressure. When pressure returns to safety value, pressure relief valve will automatically close to ensure the safety of equipment.

Pressure Adjusting Range : 0.5 kgf/cm² ~ 10 kgf/cm²
7 kgf/cm² ~ 20 kgf/cm²

Applied Temperature : -15 ~ 100°C
100 ~ 200°C (For Steam)

Valve Body Testing Pressure : 35 kgf/cm² (1 kgf/cm² = 14.2 psi)
Maximum Applied Pressure : 25 kgf/cm²



No	Part Name	Material
1	Cover	Stainless Steel 316
2	Main Body	Stainless Steel 316
3	O-ring	Viton
4	Shaft	Stainless Steel 316
5	Sealing Spacer	Teflon
6	Seat	Stainless Steel 316
7	UH-ring	Viton
8	O-ring	Viton
9	Fixed Bolt	Stainless Steel 304
10	Lower Cover	Stainless Steel 316
11	Spring	Spring Steel
12	Washer	Brass
13	Adjusting Stem	Stainless Steel 304

(Thread Type)

Item No	Size	H(mm)	L(mm)
RLT15-S	1/2"	85	70
RLT20-S	3/4"	105	85
RLT25-S	1"	105	90
RLT40-S	1 1/2"	130	115
RLT50-S	2"	130	120

(Flange Type)

Item No	Size	H(mm)	L(mm)
RLF15-S	1/2"	85	150
RLF20-S	3/4"	105	150
RLF25-S	1"	105	150
RLF40-S	1 1/2"	130	190
RLF50-S	2"	130	190
RLF65-S	2 1/2"	185	210
RLF80-S	3"	185	225
RLF100-S	4"	230	250
RLF150-S	6"	290	310

Flow Chart of Direct-Activated Pressure Relief Valve

