

## Pressure Relief Valve ( Safety Valve )

Catalogue No.

**APL / 1088**

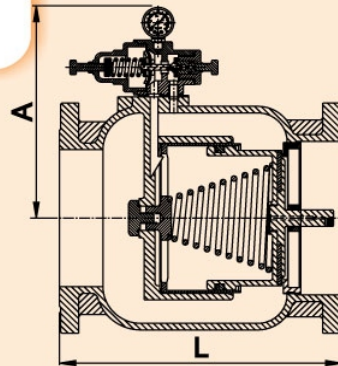


### Size Range : 2" to 24" Flanged

- ▶ Pressure relief valve is installed on the outlet pipe of water supply pipeline. It can maintain safe water supply pressure inside the pipe and prevent pipeline and equipment damage caused by accidental escalation of water pressure.
- ▶ When water pump stops functioning or pipeline gate suddenly closes, abnormal pressure forms inside the pipe. As the pressure gets over a certain the water high pressure. When pressure returns to safety value, pressure relief valve will auto-matically close to ensure the safety of equipment.
- ▶ Pressure Adjusting Range : 0.5 kgf/cm<sup>2</sup> ~ 10 kgf/cm<sup>2</sup> 7 kgf/cm<sup>2</sup> ~ 20 kgf/cm<sup>2</sup>
- ▶ Applied Temperature : -15 ~ 100 °C 100 ~ 180 °C ( For Steam )
- ▶ Valve Body Testing Pressure : 35 kgf/cm<sup>2</sup> ( 1 kgf/cm<sup>2</sup> = 14.2 psi )
- ▶ Maximum Applied Pressure : 25 kgf/cm<sup>2</sup>

### Dimensions : (All Dimensions are in mm)

Valve Model	Valve Size		A	L	Weight Approx	CV
	MM	Inch				
DRF - 50	2"	50	180	190	12	75
DRF - 65	2½"	65	185	210	15	105
DRF - 80	3"	80	200	225	18	140
DRF - 100	4"	100	222	250	24	260
DRF - 125	5"	125	235	280	32	390
DRF - 150	6"	150	260	310	44	550
DRF - 200	8"	200	300	420	87	1000
DRF - 250	10"	250	335	470	152	1600
DRF - 300	12"	300	370	530	202	2200
DRF - 350	14"	350	415	600	285	3000
DRF - 400	16"	400	-	600	-	4000
DRF - 450	18"	450	-	750	-	5300
DRF - 500	20"	500	-	750	-	6100
DRF - 600	24"	600	-	900	-	9200



## Direct-Activated Pressure Sustaining Valve

Catalogue No.

**APL / 1089**



### Size Range : 2" to 24" Flanged

- ▶ Pressure sustaining valve is utilized when installing pipes for users. It primarily matches up with the minimum working pressure inside the tap water pipe, balancing up-stream and down-stream pressure during normalcy and emergency, and maintains constant pressure inside the pipe.
- ▶ Pressure sustaining valve can sustain the maximum working pressure inside the pipe when installed in water supply areas.
- ▶ Pressure adjusting range : 0.2 ~ 4 kgf/cm<sup>2</sup>, 3 ~ 10 kgf/cm<sup>2</sup>, (1 kgf/cm<sup>2</sup> = 14.2 psi)
- ▶ The working pressure should be greater than 0.3 kgf/cm<sup>2</sup> and gate fully open with 1.5 kgf/cm<sup>2</sup>, please check the pressure before installation.

### Dimensions : (All Dimensions are in mm)

Valve Model	Valve Size		A	L	Weight Approx	CV
	MM	Inch				
DUF - 50	2"	50	180	190	12	75
DUF - 65	2½"	65	185	210	15	105
DUF - 80	3"	80	200	225	18	140
DUF - 100	4"	100	222	250	24	260
DUF - 125	5"	125	235	280	32	390
DUF - 150	6"	150	260	310	44	550
DUF - 200	8"	200	300	420	87	1000
DUF - 250	10"	250	335	470	152	1600
DUF - 300	12"	300	370	530	202	2200
DUF - 350	14"	350	415	600	285	3000
DUF - 400	16"	400	-	600	-	4000
DUF - 450	18"	450	-	750	-	5300
DUF - 500	20"	500	-	750	-	6100
DUF - 600	24"	600	-	900	-	9200

