

# PRESSURE RELIEF VALVE

## Model: RAF-80FP

### Features

- Use in Pump Room to Relief off Excess Pressure beyond a Pre-set Pressure Head to minimise Pump Churning
- Painted with Special Coating for Corrosion-free Protection
- Wide Range of Flow Capacities
- Available in Globe or Angle Type

**Sizes** : 50mm [2"] to 200mm [8"], other sizes upon request

**Pressure** : 12.1 Bars [175 psi] Working

**Adj. Range** : 2.0 to 12.0 Bars Spring Setting

**Coating** : Rilsan 911 – Nylon 11 (Red)

**Temperature** : -10°C to 80°C

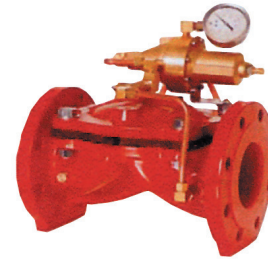
**How to Order** : Model, Size, Pressure Range

Valve Capacity in accordance to NFPA 20 / FM:

Size	50mm	80mm	100mm	150mm	200mm
Capacity (L/min)	945	1,893	3,785	9,463	18,925

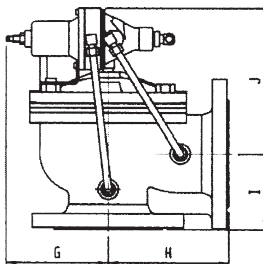
### Parts list

Description	Material
Body	Ductile Iron
Cover	Ductile Iron
Diaphragm	Natural Rubber – Reinforced w/ Nylon Fabric
Pilot Body	Cast Brass
Pilot Cover	Cast Brass
Pilot Trim	Stainless Steel
Tubbing	Brass



### Technical Data:

Sizes	Type	Flange/Threads
2"	Globe	ANSI 125
3"	Globe	ANSI 125
4"	Globe	ANSI 125
8"	Globe	ANSI 125
2"	Globe	PN10/16
3"	Globe	PN10/16
4"	Globe	PN10/16
6"	Globe	PN16
8"	Globe	PN16



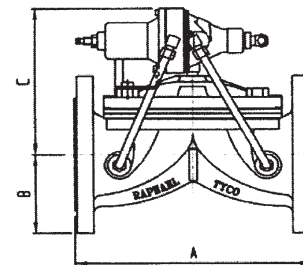
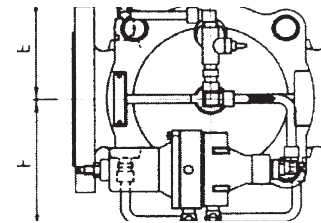
ANGLE TYPE

### Technical Data:

2"	Angle	BSP
2"	Angle	NPT
3"	Angle	ANSI 125
4"	Angle	ANSI 125
3"	Angle	PN10/16
4"	Angle	PN10/16

### Dimensions in mm (Angle Type)

Size	G	H	I	J	E	F	Weight (kg)
2"	120	87	78	183	105	123	7.6
3"	135	154	100	212	125	125	29.2
4"	145	177	111	215	135	141	30.0



GLOBE TYPE

### Dimensions in mm (Globe Type)

Size	A	B	C	E	F	Weight (kg)
2"	237	82	168	105	111	10.5
3"	283	100	176	112	138	21.2
4"	305	111	222	125	151	29.1
6"	406	142	234	150	181	53.5
8"	470	170	277	173	205	75.3



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