



# PRV9i

## PRESSURE REGULATING VALVES FOR FIRE PROTECTION

FM AND LLOYDS TYPE II APPROVED, 9 BAR, INTERCHANGEABLE PRESSURE REGULATING VALVES FOR CRITICAL OIL & GAS, CONSTRUCTION, DEFENSE, PETROCHEMICAL AND MARINE APPLICATION.



### TESTED & APPROVED:

A pressure regulating valve for use with fire hose connections

Used on hose connections, hose stations, hose standpipes, and fire pump headers on high pressure systems

Nickel Aluminium Bronze Wetted Parts as Standard

For flow rates of 100 GPM to 250 GPM

3rd Party Witnessed by Lloyds  
(Report Ref : PRJ11100245070)



Meets all performance criteria necessary for 1 1/2" and 2 1/2" valves for hose connections for hose stations, standpoints, and fire pump headers

## FM AND LLOYDS TYPE II APPROVED PRESSURE REGULATING VALVES FOR FIRE PROTECTION



### Engineered for Corrosion Resistance

#### Main Body Outlet

**Standard:** Gunmetal LG2 (CC491K, B62, C83600)

**Alternatives:** Nickel Aluminium Bronze AB2  
(CC333G, C95800)

#### Main Shaft and Shutdown Spindle

**Standard:** Nickel Aluminium Bronze CA104

**Alternatives:** Monel K500

#### Finish:

**Standard:** Natural

**Alternatives:** Painted to customer requirements

### Expertly Manufactured for Certification Compliance and Traceability

All furnace melts are spectrographically analysed for compliance prior to pouring.

All valves are uniquely pressure tested and have outlet pressure pre-set in the factory.

Every valve carries a unique serial number recorded in accordance with the above.

**3.1** Chemical and mechanical certification as standard.

**3.2** Witness available for casting certification as well as pressure testing.



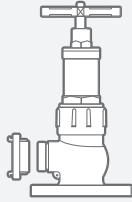
**All variations are FM and Lloyds Type II Approved:**

Right Angle, Turned Down, Oblique, Bib Nose and Horizontal

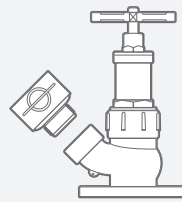
**All PRV9i Variants have Bodies with:**

Nominal Bore Inlet of 65mm (2.5")

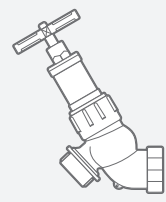
Nominal Bore Outlet of 38mm (1.5")



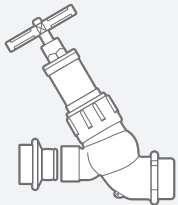
Right Angle Pattern



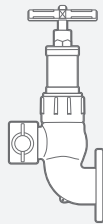
Oblique Pattern



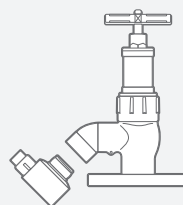
Bib-Nose Pattern



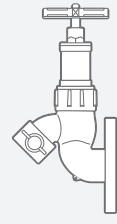
Horizontal Pattern  
30 deg Spindle



Horizontal Pattern  
Vertical Spindle



Turned Down Pattern



Bib-Nose Pattern  
Vertical Spindle

## Inlet Connections

### Flanged

- › BS10
- › BS4504 (EN1092-1)
- › ASME (ANSI) B16.24 and B16.5 – Class 150 & Class 300
- › JIS

### Threaded

- › BSP To BS21 (BS EN 10226) & BS2779 (BS EN ISO 228) – Male & Female
- › N.H/NST (NFPA 1963) – Male & Female
- › NPT (ANSI/ASME B1.20.1:1983) – Male & Female

### Other International Standards

- › Storz
- › Guillemin
- › Russian GOST
- › NOR 1

\*Other connections considered on request

## Outlet Connections

### Instantaneous

- › 65mm (2 1/2") Female – BS336:2010
- › 38mm (1 1/2") Female - FETA

### Flanged

- › BS10
- › BS4504 (EN1092-1)
- › ASME (ANSI) B16.24 and B16.5 – Class 150 & Class 300
- › JIS

### Threaded

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## Project List

PROJECT	END USER	COUNTRY	YEAR	PRODUCT DESCRIPTION
Long Son Petrochemicals Complex Package G	LSP	Vietnam	2020	Bibnose Pattern PRV9i, FM approved in Gunmetal & Aluminium Bronze
Bab Integrated Facilities	ADNOC Onshore	UAE	2019	Bibnose Pattern PRV9i, FM approved in Gunmetal & Aluminium Bronze
NFB Offshore Accommodation Expansion	Qatargas	Qatar	2019	Twin Outlet Fire Hydrant Tee Piece Assembly including FM approved PRV9i
Al Mandous - Fujairah Oil Storage Cavern	ADNOC Onshore	UAE	2019	Bibnose Pattern PRV9i, FM approved in Gunmetal & Aluminium Bronze
Liwa Plastics Package 2 & 3	ORPIC	Oman	2018	Bibnose Pattern PRV9i, FM approved in Gunmetal & Aluminium Bronze
Zohr Field Phase II	ENI	Egypt	2018	Bibnose Pattern PRV9i, FM approved in Gunmetal & Aluminium Bronze
Upgrage of MAF Fire Water System	PDO	Oman	2018	Oblique Pattern PRV9i, FM approved in Gunmetal & Aluminium Bronze
Khazzan Phase II - Ghazeer	BP	Oman	2018	Bibnose Pattern PRV9i, FM approved in Gunmetal & Aluminium Bronze
PDO Yibal Khuff	PDO	Oman	2017	Oblique Pattern PRV9i, FM approved in Gunmetal & Aluminium Bronze
RAPID	Petronas	Malaysia	2017	Bibnose Pattern PRV9i, FM approved
KOC Lower Fars	KOC	Kuwait	2017	Oblique Pattern PRV9i, FM approved in Gunmetal & Aluminium Bronze
Karbala Oil Field	RKC	Iraq	2016	Bibnose Pattern PRV9i, FM approved in Gunmetal & Aluminium Bronze
SARB 4	ADNOC Offshore	UAE	2015	Bibnose Pattern PRV9i, FM approved in Gunmetal & Aluminium Bronze
Upper Zakum Offshore Oilfield Development	ADNOC Offshore	UAE	2015	Bibnose Pattern PRV9i, FM approved in Gunmetal & Aluminium Bronze, customized Pillar Hydrants in Gunmetal
Wheatstone Onshore LNG	Woodside	Australia	2015	Bibnose Pattern PRV9i and Gate Valve with Storz Connection along with Hydrant Pillars
Crossrail Tunnel, London	Crossrail	UK	2015	Bespoke Hydrant Header with PRV9i's



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