

Mack Valves can design the fire protection system your business needs to ensure the safety of both people and assets.

23 Series Single diaphragm control valve



All build options are available on special order enabling clients to create their own specifications for their needs, but our stock is based around common material specifications favoured by Industry.

23 SERIES SDCV

SINGLE DIAPHRAGM CONTROL VALVE

Industry: Fire

Uses: Fire, mining and infrastructure

> PRESSURE RELIEF

Responds to upstream pressure with controlled closing to minimise water hammer. Used on pump sets to maintain pressure irrespective of system demand by passing excess water.

> PRESSURE REDUCING

Maintains an accurate downstream pressure in high-rise multi-storey buildings, to ensure correct pressures in combined mains at safe working limits.

> FLOAT

Maintains water levels in fire tanks to ensure water is available to the system at all times during a fire, and has a drip-tight positive seal and in-line servicing.

> DELUGE

Used in high-hazard fire zones to provide suppressant to sprinkler zones when a fire is sensed. They are available in various versions, including air and solenoid-operated.



Proud member of the HEROSE Group



Fire Protection

Learn more about our extensive range of fire protection products at mackvalves.com

To speak directly to our specialist sales team to discuss your fire protection valve needs, or to get a personalised quote, call +61 3 9737 5200

Safety first

Trusted valves to protect lives and assets



YOUR MACK QUALITY GUARANTEE

Mack Valves Pty Ltd is committed to providing Australian and global markets with a range of industrial valves manufactured to the highest standards and in conformity with relevant international standards. We will maintain our position as a recognised leader in valve design and manufacturing techniques at all times, seeking to employ the world's best practice. The requirements and recommendations of ISO 9001:2015 have been adopted without exclusions as the basis for the Company's Quality Management System.

Safety first

Ours is a uniquely Australian story.

For over 85 years, Mack Valves has designed, manufactured, and supplied valves for Australia's harshest environments and for countries worldwide.

As a safety industry leader, it's only natural that we design and manufacture fire protection valves. Our quality and reliability ensure our products meet strict standards.

We supply solutions for tough environments and have provided fire protection valves for major Australian projects, including the Sydney's Lane Cove Tunnel, Brisbane Airport Tunnel, CityLink, and Melbourne's Eureka Tower.

Today, we at Mack are proud to have top-class engineers who can help you design the fire protection system you need, delivering safety, reliability, and peace of mind for your people and assets.

Mack Valves is one of the Asia Pacific's leading manufacturers of valves for a diverse range of industrial applications, with a particular focus on an extensive range of valves for the fire protection industry.

Mack Valves' extensive range of fire protection products includes:

> BALL FLOAT VALVES

Fills the tank to a specified level

> HIGH LIFT RELIEF & FULL LIFT NOZZLE VALVES

Valves for pressure relief

> REDUCING & PRESSURE BUILD VALVES

Control the upstream or downstream pressure as required

> FLOW SWITCHES

Determines the flow through the system without visual inspection

> Y-STRAINER

Keeps your system clean

> 23 SERIES SDCV

Pilot-operated control valve with multiple functions

> BESPOKE OPTIONS

Non-standard materials to suit a customer's specific requirements

All Mack Valves specified fire protection products hold an SSL/ActivFire Certification



BALL FLOAT VALVES

Materials:

- Bronze
- Stainless Steel
- Cast Iron

Sizes:

- Screwed; 15-50mm
- Flanged; 25-300mm

Pressures:

- 3500 kPa
- 500 psi
- 35 bar

Temperatures:

- 0°C to +83°C

Connections:

- Flanged
- Screwed



HIGH LIFT RELIEF & FULL LIFT NOZZLE VALVES

Materials:

- Bronze/Stainless Steel

Sizes:

- Flanged; 15-200mm
- Screwed; 15-50mm

Pressures up to:

- 9000 kPa
- 1305 psi
- 90 bar

Temperatures:

- -196°C to +190°C

Connections:

- Flanged
- Screwed

Available as a Relief or Safety valve



REDUCING & PRESSURE BUILD VALVES

Materials:

- Bronze/Stainless Steel

Sizes:

- Flanged; 15-150mm
- Screwed; 15-50mm

Pressure build up to:

- 6000 kPa
- 870 psi
- 60 bar

Pressure reductions up to:

- 3350 kPa
- 485 psi
- 33.5 bar
- Temperatures:**
- Build; -196°C to +190°C
- Reducing; -20°C to +400°C

Connections:

- Flanged
- Screwed



FLOW SWITCHES

Materials:

- Bronze

Sizes:

- 25/32mm

Pressures up to:

- 2000 kPa
- 290 psi
- 20 bar

Temperatures:

- 0°C to +300°C

Connections:

- Screwed

*Supplied with a cover



Y-STRAINERS

Materials:

- Bronze
- Stainless Steel

Sizes:

- 15-300mm

Pressures up to:

- 5000 kPa
- 725 psi
- 50 bar

Temperatures:

- -196°C to +190°C

Connections:

- Flanged
- Screwed
- Welded

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