

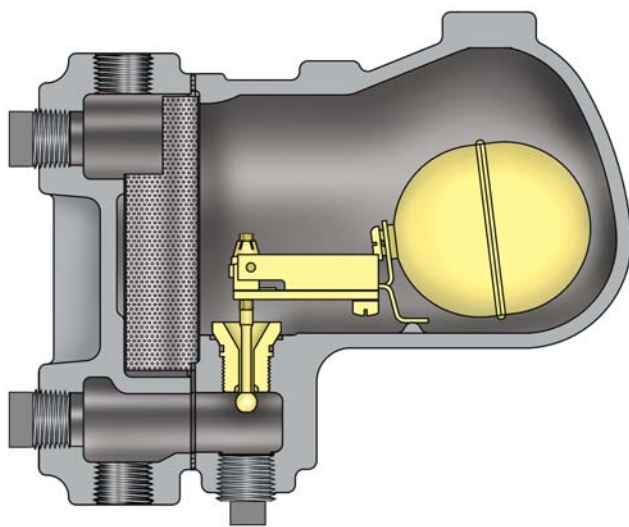
VELAN Universal Bimetallic Steam Traps

Industry Proven for over 50 Years

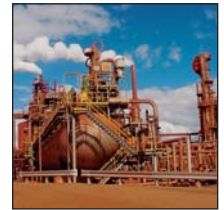
Velan is one of the world's largest manufacturers of industrial steel valves, internationally recognized as a leader in quality and innovation. Since 1950, Velan has designed and manufactured valves for low emissions, easy maintenance and long, reliable service life. Today, Velan gate, globe, check, ball, butterfly and engineered severe service valves are installed throughout the world, delivering high performance in a diverse range of industrial applications.

Our comprehensive range of steam traps was developed and patented in 1956 by A.K. Velan, Founder and CEO of Velan Inc. Velan's high quality bimetallic steam trap design provides market-leading performance for high pressure steam trapping on superheated steam lines in thermal power plants and aboard ships – over 1,100 US Navy ships have used Velan steam traps.

Velan Type MFT Steam Trap



For Low to Medium Pressure Forced Heat Applications in the Pulp & Paper, Power and Industrial Markets



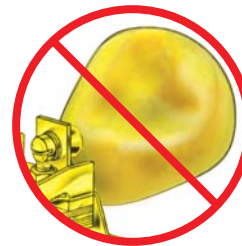
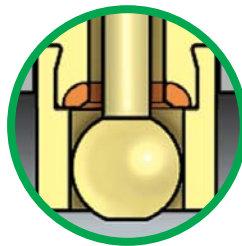
Velan Type MFT Steam Trap Applications

- Unit Heaters
- Air Handling Units
- Heat Exchangers
- Humidifiers
- Low Pressure Drains
- Laundry Presses

Unique Features

Velan Stellited Seats

Velan is the only steam trap manufacturer in the world to use Stellite in their valve seats.



No More Ruptured Bellows and Floats

The downstream valve on the Velan MFT acts as a relief valve. It releases instantly any pressure build-up.

No More Frozen Coils

The Velan MFT design is impervious to waterhammer and **WILL NOT FAIL CLOSED**. In climates below 32°F, steam coils will not freeze when drained with a Velan MFT steam trap.



Fastest Start-Up Available

High capacity air venting means faster warm-up and greater heat transfer. No separate device is required to guard against air binding.

In the United States and Canada, Velan Steam Traps are available from:
James D. Acers Company
 Tel: 1-800-860-0233 e-mail: sales@velansteamtraps.com

To learn more about Velan steam traps, visit us at
www.velansteamtraps.com

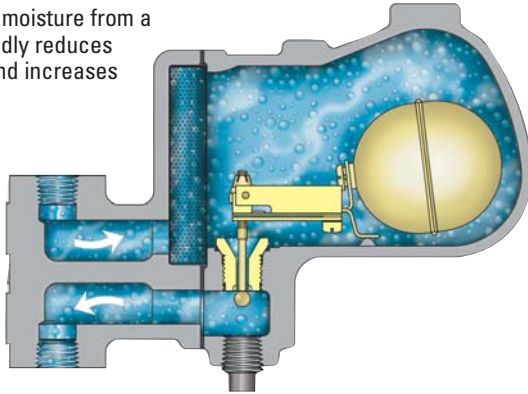
THE VELAN MFT TYPE STEAM TRAP

SEE HOW THIS 4-PURPOSE MIRACLE VALVE WORKS

FAST WARM-UP

Clearing air and moisture from a cold system rapidly reduces warm-up time and increases production.

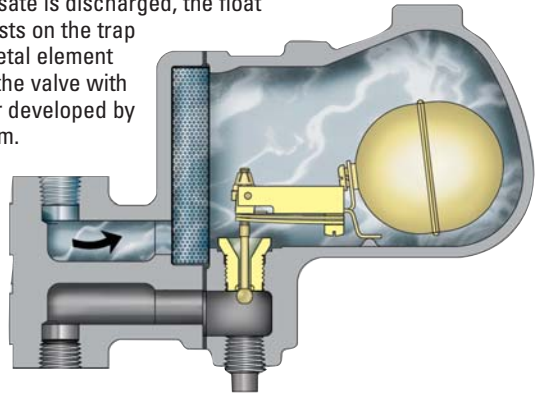
Other float traps must have a separate air venting facility while the Velan MFT utilizes the large main orifice for the fastest warm-up time of any comparable sized float trap.



POSITIVE TRAPPING

When condensate is discharged, the float mechanism rests on the trap body. The bimetal element alone, closes the valve with thermal power developed by incoming steam.

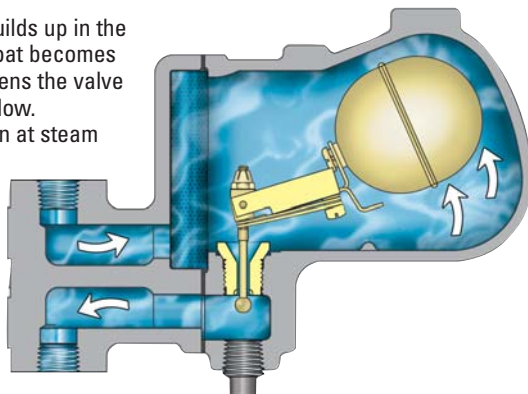
The bimetal element is a function of the saturated steam curve, therefore operates efficiently at any pressure within its range.



CONDENSATE DISCHARGE

If condensate builds up in the trap body, the float becomes buoyant, and opens the valve to unrestricted flow. Condensate even at steam temperature is discharged at the same rate as it reaches the trap.

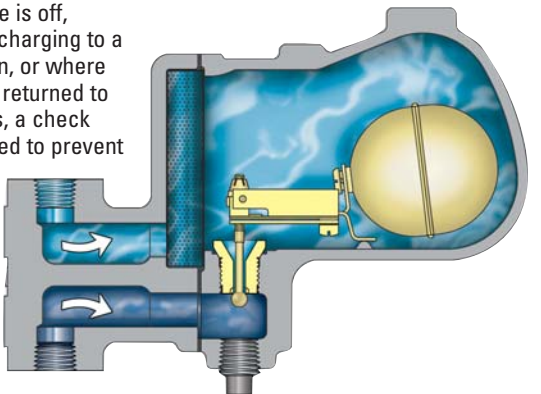
No air binding or water logging irrespective of adverse conditions. The trap drains by gravity and will not freeze.



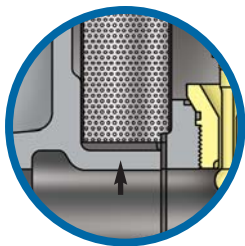
CHECK VALVE ACTION

When pressure is off, equipment discharging to a common return, or where condensate is returned to overhead lines, a check valve is required to prevent reverse flow through the trap.

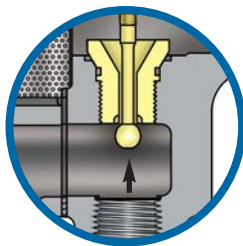
The free-floating MFT mechanism shuts immediately the reverse flow and no additional device is required.



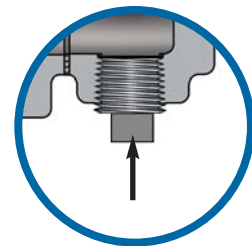
Unique Features



- Integral Strainer with Blowdown Port – Standard



- Integral Check Valve – Standard



- Test Valve Port – Standard

In the United States and Canada, Velan Steam Traps are available from:
James D. Acers Company
 Tel: 1-800-860-0233 e-mail: sales@velansteamtraps.com

To learn more about Velan steam traps, visit us at
www.velansteamtraps.com