

Central States Group Provides Engineered Products and Solutions For Steam

AUTHORIZED STOCKING DISTRIBUTOR FOR TLV IN NEBRASKA & IOWA

TLV A Steam Specialist Company

www.tlv.com

Steam Traps

- Saturated and Superheated Steam
- Steam Pressures up to 1500 PSIG
- Clean Steam
- **Free Float®** Mechanical
 - One moving part—fewer failures
 - Long Life—precision ground float
 - Automatic Air Venting
 - External access to orifice for easier maintenance without removing trap
 - Integral Strainer
- **PowerDyne®** Thermodynamic (Disc Traps)
 - Low Functional Steam Loss
 - Mirror Polished Sealing Surfaces
 - Bi-metal Air Vent Ring for quick air removal at startup
 - In-line Repairable
- **Thermostatic**
 - Patented fail open design
 - Excellent for air venting

- **QuickTrap®** Universal Steam Traps
 - Thermodynamic, Thermostatic and Mechanical Quicktrap options avail
 - Easy installation with Any Pipe Orientation
 - Can be used with competitive 2-bolt pipeline connectors

Condensate Recovery Systems

- **PowerTrap®** (requires no electricity)
 - Mechanical pump with integral trap
 - Mechanical pump (no trap)
- Pumps (motorized centrifugal)

Air Vents

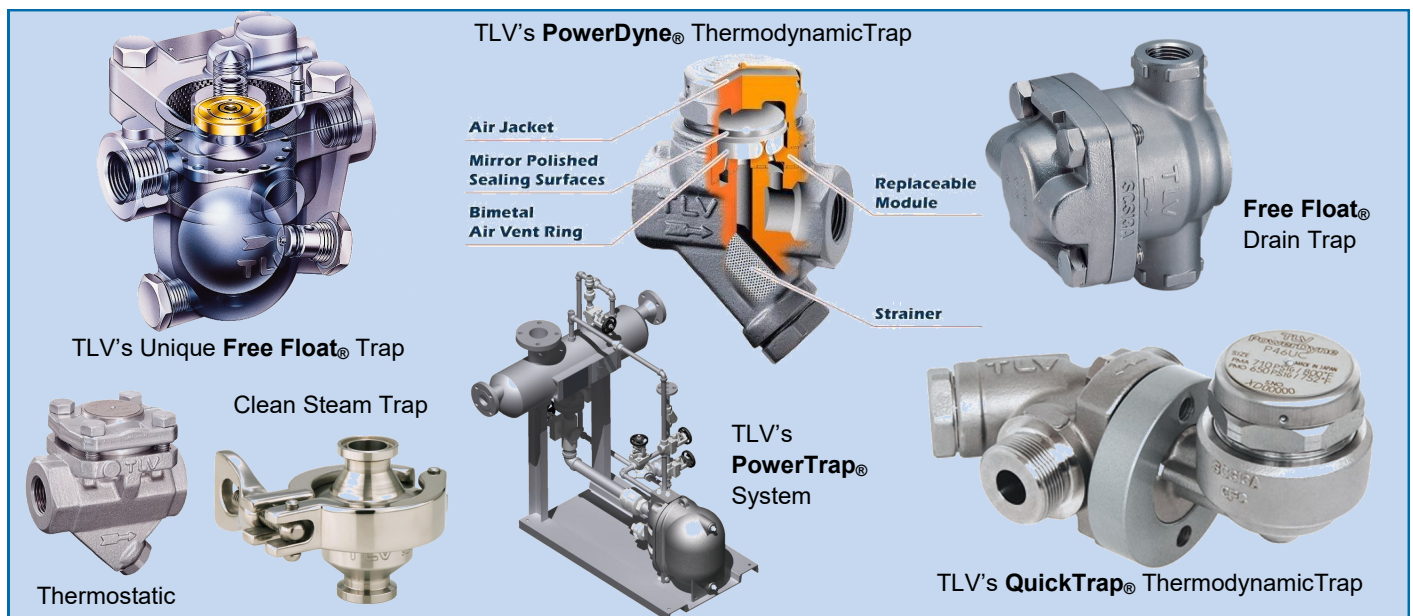
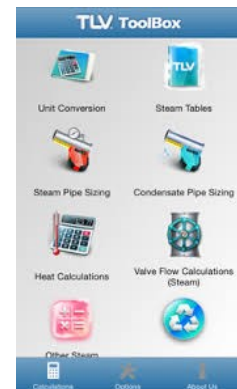
- Rapid Initial Air Vents (liquid pipelines)
- Automatic Air Vents (liquid pipelines)
- Air Vents for Steam (piping & equipment)

Air and Drain Traps

- **Free Float®** Air Traps
 - Air Traps for High Viscosity Condensate
 - **Free Float®** Drain Traps
- Filters, Separators, Strainers, Check Valves, Sight Glasses**

Other

- Steam Compressor
- Accessories
- Manifolds
- Vacuum Steam Heating Systems
- Maintenance Instruments
- Engineering Software
- **TLV Toolbox** — Free Mobile App



SEE REVERSE SIDE FOR DR20 & COSPECT® VALVES

People Committed to Adding Value

Corporate Headquarters
8720 South 137th Circle
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Showcasing TLV's COSPECT® Valves

COSPECT® built-in strainer, Super Cyclonic Effects Separator (SCE) and Free Float® steam trap help prevent scale, rust and condensate from entering the pressure reducing valve (PRV) or reaching the important interior parts. In particular, the cyclone separator forcibly removes 98% of the condensate from the flow at the inlet side, thereby greatly reducing condensate-induced erosion of parts such as the main valve. While the standard service life of a PRV for steam is often less than a few years, many **TLV COSPECT®** users are still using their **COSPECT® PRV's** more than 10 years after installation.

Pressure Reducing Valves

- With or without Built-in Separator and Steam Trap
 - Dry Steam for Process Application
 - Internal sensing line option
 - Vacuum Steam Option
 - Compressed Air
- Direct Acting for Steam and Air

Control Valves

- Multi-Control Valves with or without Built-in Separator and Steam Trap
 - For Steam
 - For Vacuum Steam
- Electro-pneumatic Control Valves with Built-in Separator and Trap
- Surplussing Valves for Steam—also known as Primary Pressure Control Valves. Self-operated control valves for stabilizing the primary steam pressure of valves.

Controllers

- Digital Indicator Controllers— can be stored in memory with overshoot prevention by a new PID algorithm control.
- Multi-purpose Controllers — employ TLV proprietary algorithms for MC series high precision control (active controller and actuator)
- Digital Temperature Controllers—compactly designed and suitable for temperature control.



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