



DeZURIK Valves for Cooling Water Applications

Application Market: Petrochemical & Petroleum Refining, Pulp & Paper, Fossil Utilities, Chemical, Co-Generation, Nuclear Power

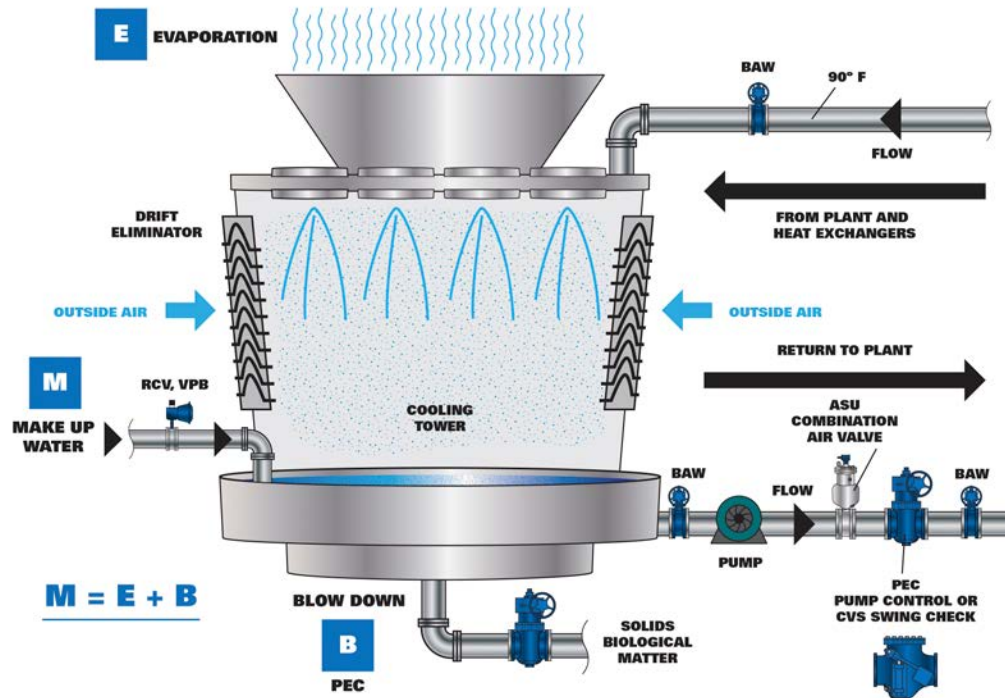
Unit Application: cooling towers, raw water and process unit cooling systems

Valve Applications Within the System: Inlet feed water isolation, condenser and heat exchanger isolation, re-circ pump isolation, swing check pump protection, air release, make-up water, blow-down

DeZURIK Valve Styles: BAW, BOS-US, BHP, PEC, RCV-VPB, CVS 6000, ASU. Multiple body, gate and disc edge material options available for high chloride content, brackish or otherwise contaminated water conditions.



COOLING TOWER



DeZURIK Advantages in Cooling Water System Application:

DeZURIK BAW AWWA Butterfly Valves

- AWWA C504 compliance for extended life, heavy duty components with sizes to 144”.
- Vulcanized molded-in seat on 3-20” valves with 10,000 cycle life design.

DeZURIK BOS-US Uninterrupted Seat Resilient-Seated Butterfly Valves

- Bonded seat-body for seal durability.
- Rugged splined disc-to-shaft connection for enhanced durability

DeZURIK BHP High Performance Butterfly Valves

- Double offset design for reduced seating friction and repeatable sealing.
- Tested “leak-free” for over 1,000,000 cycles.

DeZURIK PEC Eccentric Plug Valves

- Designed for heavily contaminated water (sludge) handling.
- Fully lined body with multiple elastomer options for contaminated water applications.

DeZURIK RCV Rotary Control Valves & VPB V-Port Ball Valves

- Modulating rotary control valves (V-ball) for inlet, make-up water control.
- Positioner friendly, easy DCS integration.

APCO CVS 6000 Swing Check Valves

- Swing check valve with multiple damping and speed control options to prevent slamming and reduce water hammer enhancing asset integrity.

APCO ASU Single Body Combination Air Valves

- Combination air/burp and vacuum release valve removes air from return lines within the system.

SALES AND SERVICE

For more information, contact DeZURIK

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DeZURIK, Inc. reserves the right to incorporate our latest design and material changes without notice or obligation. Design features, materials of construction and dimensional data, as described in this bulletin, are provided for your information only and should not be relied upon unless confirmed in writing by DeZURIK, Inc. Certified drawings are available upon request.