



## DeZURIK Valves for Cooling Water Applications

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

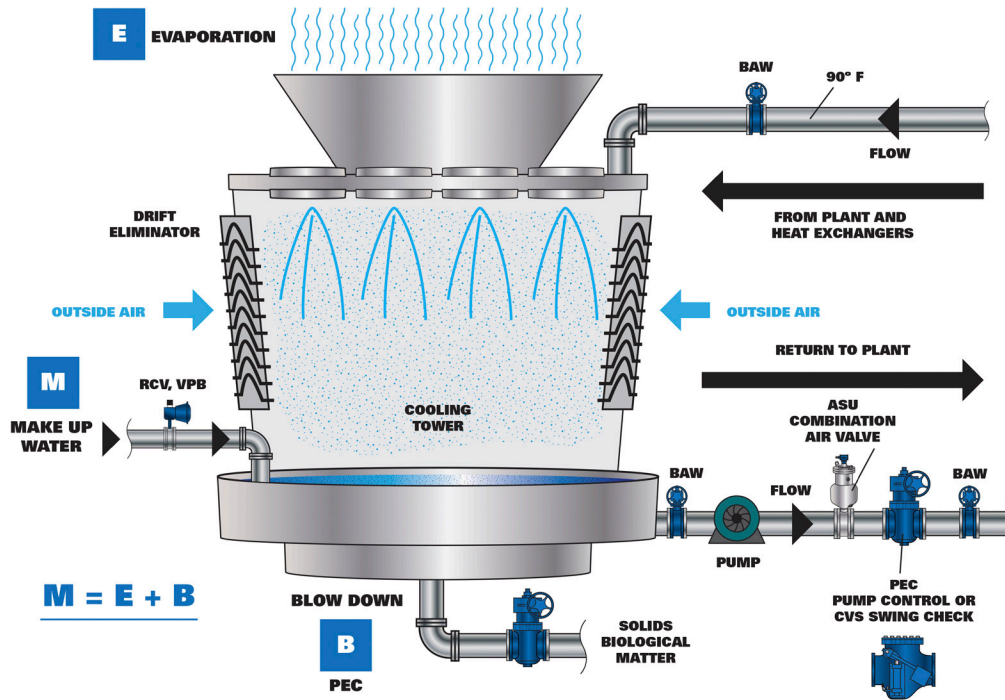
**Unit Application:** Cooling towers, raw water and process unit cooling systems.

**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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