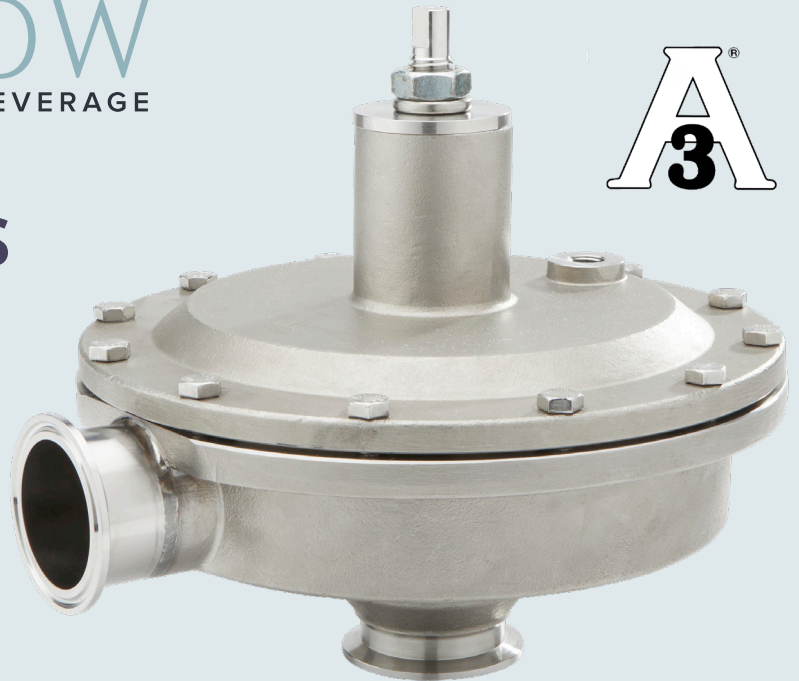


## THE FBCPM SERIES

### Constant Pressure Modulating Valves for Hygienic Processing

*Easy-to-maintain CPM valves for the  
Food & Beverage markets*



Dairy and juice processing demands highly controlled operations to meet regulations and maintain food safety standards. Pasteurization techniques including High Temperature, Short Time (HTST) and Ultra High Temperature (UHT) pasteurization, for example, require specific temperature and residence times that maintain flavors while eliminating harmful organisms.

Varying product viscosities and flow can cause upsets in the process leading to product quality concerns. Constant pressure modulating (CPM) valves or Constant Pressure Valves (CPV) are used to maintain accurate pressure control to compensate for process upsets and keep downtime to a minimum.

## THE FB CPM VALVE

Steriflow's FB CPM valves are air loaded, allowing the user to change set-points remotely via a panel-mounted air regulator, or through a distributed control system or PLC, using an I-P transducer. Designs come in both inlet pressure control and outlet pressure control in sizes from 3/4" to 2" and are 3A certified. In addition to UHT and HTST, the FB CPM valve is an ideal choice for automating constant pressure setpoints to control operations in heat exchangers, separators, CIP/SIP systems or filling processes.

## BENEFITS

- ✓ Operates across a wide range of pressures and temperatures to meet steady state process conditions as well as CIP and SIP conditions
- ✓ A single optimized Jorlon diaphragm provides unsurpassed performance and lifetime warranty
- ✓ Ease of maintenance
- ✓ Responds quickly to process upsets with constant modulation to maintain pressure setpoint
- ✓ Optional Class VI shutoff



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