



Steam Heated Water Bath Vaporizer

TOMCO₂ Systems' advanced CO₂ vaporizer is ideal for the carbonated bottling operations where a constant CO₂ temperature vapor is required. Because it is constructed of clean design features and materials, it is well suited for installation in food processing areas. It is available in standard sizes from 6,000 lbs/hr to 12,000 lbs/hr.

GENERAL SPECIFICATIONS

- 425 gallon insulated stainless steel water heater with removable tube bundle
- Stainless steel frame
- NEMA 4X stainless steel electric control enclosure
- Control voltage 120V, 60 Hz
- On / Off selector switch with power indicator
- Low water level shut-off circuit with indicator
- Low water temperature shut-off circuit with indicator
- Low CO₂ temperature shut-off
- 2" actuated ball valve on CO₂ inlet side
- 2" manual isolation valve on CO₂ outlet side
- 350 psig safety relief valve on CO₂ (tube side)
- Atmospheric breather on tank side
- Tank drain valve
- 1" npt overflow drain for piping to condensate recovery
- 1-1/2 npt steam inlet connection
- All CO₂ piping stainless steel
- Thermocouple controller for consistent water / CO₂ temperature
- Modulating control valve for temperature control
- Steam control valve bypass assembly for manual control



- **Weight:** 3,000 lbs
- **Dimensions:** 96" x 48" x 96" (243.84 cm x 121.92 cm x 243.84 cm)

