

Vaporizer

TOMCO₂ has the vaporizers that fit into your particular localities. We offer electric vaporizers, steam vaporizers and water vaporizers. Therefore, you can use the power source that works most efficiently for you. No matter which energy source you use, each of our vaporizers are most effective and reliable in transforming your liquid CO₂ into CO₂ vapor. If you need your vapor at a higher temperature, or to maintain your CO₂'s gaseous state, our vapor heater is the right tool for your need.

Steam Heated Water Bath Vaporizer

TOMCO₂ Equipment Company's 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.

Features:

- 425 gallon insulated stainless steel water heater with removable tube bundle
- Stainless steel frame
- NEMA 4X stainless steel electric control enclosure
- Control voltage 120vac 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: 3100 lbs. Dimensions: 96" x 48" x 96" Height



Model	Capacity	Dimensions	Weight
WV-40	4,000 lbs/hr	137" x 24" x 32"	1,050 lbs
	1814.4 kg/hr	348 cm x 61 cm x 81.3 cm	477 kg
WV-60	6,000 lbs/hr	139" x 26" x 32"	1,650 lbs
	2721.6 kg/hr	353 cm x 66 cm x 81.3 cm	750 kg