



T-400S Series Cylinder, Tank or Valve Mounted

Sulfur Dioxide (SO₂) is a non-flammable, colorless gas with strong, pungent odor. It is compressed into a liquid and is stored and shipped in steel containers.

When dissolved in water, sulfur dioxide gas forms sulfurous acid, a powerful reducing agent. The principal use for sulfur dioxide in water treatment is as dechlorinating agent.

The Modern Series T-400S Cylinder, Tank, or Valve mounted sulfonators closely parallel the T-400 Series Chlorinators. See the T-400 Series Chlorinator data sheet for simplified flow diagram, dimensions, and specifications.

Sulfonator capacities are based on the T-400 series for chlorine gas. When using sulfur dioxide, the actual feed rate is .95 x the chlorine reading.

The Modern Sulfonators are molded PVC instead of ABS for the injector, controller, and rotameter housing. Otherwise all parts are interchangeable with the same model gas chlorinator.

Models Available:

T-400S with no rotameter on the cylinder unit. Use with remote mounted meter.

T-410S with one rotameter rate valve assembly integrally mounted.

T-420S with two rotameter and rate valve assemblies integrally mounted.

Also can be used with W500 Series wall mounted systems, auto switchover systems, and auto paced systems.