



VT SERIES CO₂ STORAGE UNITS - VERTICAL

The VT Vertical Polyurethane insulated model from Allcryo is the best solution when ground space is limited. Built using the same high quality components and craftsmanship as our horizontal tanks, the VT series is designed to take up minimal space with the refrigeration unit tucking neatly underneath the tank.

Designed with the input of people who maintain and repair CO₂ tanks for a living, Allcryo tanks are equipped with long lasting, high quality parts which can be easily obtained and replaced when maintenance is required. Design elements you won't find on other tanks such as legs, tank support plates, and lift eyes ensure that your investment will keep making money for you for a very long time and with almost no down time.

Allcryo CO₂ vessels have a 5 year warranty*. This is possible because we use **SA516 70N** steel and welds are **Test per ASME Sec. VIII**.

Superior temperature retention is obtained by using a two-part closed cell polyurethane foam.

The maintenance free outer shell is made of .063" Aluminum with baked on enamel white finish that repels dirt and moisture. All Allcryo tanks are equipped with dual safety tree combined with a diverter valve.

GENERAL SPECIFICATIONS

Piping: Schedule 80 seamless pipe, 2000 lb. forged steel fittings, Jamesbury ball type valves, and Swagelok tubing.

Pressure Vessel: ASME coded for maximum working pressure of 350 psig.

Safeties: ASME approved spring loaded or pilot operated, sized for outdoor/Indoor installation.

Outer Jacket: 0.063" White Aluminum

Insulation: 4" Closed Cell Polyurethane Foam, Non-Absorbent.

Refrigeration Units: Bohn or Trenton Models are included.

Electrical Characteristics: *208/220/230/460V, 50/60Hz, 3 Phase.

Liquid Level Gauge: Barton differential pressure indicator type with 6" dial.

Pressure Builders Optional

Manway: Installed for internal inspection and ease in cleaning. Stainless steel nozzles and valves. Stainless steel legs.

MODEL	NORMAL CAPACITY	HEIGHT	DIAMETER	SIZE	APPROX. EMPTY WT.
VT6	12,000 lbs	App. 13' 10"	App. 61 ¼"	6 TON	10,000 lbs
VT14	28,000 lbs	App. 18' 8"	App. 79 ½"	14 TON	15,500 lbs
VT30	60,000 lbs	App. 34' 8"	App. 79 ½"	30 TON	30,000 lbs
VT50	100,000 lbs	App. 56' 1"	App. 79 ½"	50 TON	42,000 lbs