

HE Series CO₂ Storage Units – Storage Units

The HE or EConoline model CO₂ tank series by IGI is designed with the same high quality parts and workmanship as the HSM series. The idea here was to design a tank that gives you a competitive pricing edge without sacrificing quality. Our HEC series comes with a saddle mount instead of the skid mount and the refrigeration unit is mounted on the end of the tank in its own box type housing. Everything else is the same.

Designed with the input of people who maintain and repair CO₂ tanks for a living, IGI 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 carbon steel legs, tank support plates and lift eyes ensure that your investment will keep making money for you a very long time and with almost no down time.

IGI CO₂ vessels have a 5 year warranty*. This is possible because we use SA-516-70N steel and welds are 100% X-ray inspected. Gauges also have a 1 year warranty*.

Superior temperature retention is obtained by using hand laid 4 inch molded polyurethane instead of the typical injected liquid foam which leaves voids and density variation.

The maintenance free outer shell and housing are made of metal with baked on enamel finish that repels dirt and moisture. All IGI tanks are equipped with dual safeties standard.

GENERAL SPECIFICATIONS

Piping: Schedule 80 seamless pipe, 3000 lb. forged steel fittings, Jamesbury S.S. ball type valves.

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

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

Outer Jacket: 0.063" (0.16 cm) Metal

Insulation: 4" (10.16 cm) Polyurethane

Vaporizers Optional: Capacities to 8,000 lbs. /hr (2,722 kg/hr.)

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

Liquid Level Gauge: Barton differential pressure indicator type with 6" (15.24 cm) dial. *1 Yr warranty

Pressure Gauge: McDaniel 0 to 600 psig with 6" (15.24 cm) dial, stainless steel.

Control Cabinet: Prefinished aluminum, complete cabinet lifts off for total accessibility to refrigeration unit.

Manway installed for internal inspection and ease in cleaning.

NOTE: Safety relief valve removed for shipment due to height.



MODEL	NORMAL CAPACITY	HEIGHT	LENGTH	WIDTH	APPROX EMPTY WT.
HE6	12,000 lbs	7'	15'-0"	5'-11"	9,500 lbs
HE14	28,000 lbs	8'-11"	18'-4"	7'-11"	14,500 lbs
HE30	60,000 lbs	9'-2"	32'-0"	7'-11"	28,500 lbs
HE50	100,000 lbs	9'-2"	51'-0"	7'-11"	43,000 lbs

All CO₂ storage units are manufactured using normalized SA-516-70 carbon plate. Designed for Seismic IV installation.

INDUSTRIAL GASES INC.

21500 Sharp Rd.
Montgomery, TX 77356

Ph. 936-441-8333
Fax 936-597-5550

Email: industrialgases@aol.com
Website: www.allcryo.com