



The All-Purpose Gas Transport, Storage and Supply Vessels



Four Convenient Sizes

- ▶ 450 Liters
- ▶ 600 Liters
- ▶ 800 Liters
- ▶ 1000 Liters

Popular Options

- Low pressure plumbing modification (1,7 bar, 4 bar and 15 bar)
- ▶ Top-Fill
- Add-on product vaporizer
- Gauge isolation valves
- Gas supply manifold

Introducing the Euro-Cyl

- Ideal for transportable or stationary gas supply
- Easy to adjust pressure control
- Front-mounted valves and instruments within easy reach and visibility
- European Ready ... TPED coded

Superior Performance

- Rugged, maneuverable and fast filling
- Gas and/or liquid withdrawal
- Continuous flow rates from 16 Nm³/h to 42 Nm³/h
- Automatically optimizes operating pressure and reduces losses

Cost Effective

- Super-insulation provides long holding time and low nominal evaporation rate
- All stainless steel construction and inner support system for durability and long life
- Compact vertical design improves performance and space utilization
- Chart's combination regulators allow easy pressure adjustment using a built-in pressure scale



5-year vacuum warranty





Chart's Fill-At-Site-Technology ... FAST... for Stationary Applications



The Perma-Cyl 230 is available with casters or round base.

Three Convenient Sizes Popular Options

- ▶ 230 Liters 22 bar
- ► 600 Liters 24 bar
- ▶ 1000 Liters 24 bar

- Remote filling
- ► Top and bottom fill
- Safety device options

Introducing the Perma-Cyl

- Low Cost Packaged Gas
- Fast No-Loss Fill Capability
- Extended Holding Time
- Easy To Adjust Pressure Control
- European Ready...PED Coded

The FAST solution features...

For most users of 10 or more cylinders per month, Perma-Cyls offer a lower cost alternative than individual cylinders or bundles. Delivering liquefied gas at site costs less than transporting a lot of steel and some compressed gas.

Perma-Cyls can be filled in 3 minutes (Perma-Cyl 230) with no losses using the Orca delivery system under normal conditions. And the unique Chart auto shut-off allows the option of remote filling without entering the user's building.

Improved thermo-technology has lowered normal evaporation, extended holding times without venting (up to 6 days at normal gas-use pressure) and reduced pressure rise...all to improve customer satisfaction.

Chart's combination regulators allow easy pressure adjustment using a builtin pressure scale.

5-year vacuum warranty

