



Chart Ferox Eurocyl low pressure vessels



The Low-Pressure Cryogenic Liquid Solution. All-purpose gas transport, storage and supply vessels for laboratories, hospitals, universities and other low-pressure liquid users.

Easy to Use: ideal for transport, storage and dispensing of cryogenic liquids. Easy to maneuver caster bases on many models. All valves and instruments within easy reach and visibility. Stable center of gravity.

Superior Performance: Low evaporation rate and high durability. Optional pressure building system for high or continuous withdrawal rates. Extended-stem liquid valve to reduce ice formation.

Cost Effective: European ready ... TPED coded. Super-insulation for longer holding time, lower evaporation and lower operating costs. All stainless steel vessels and patented inner support system for durability and long life.

Five Convenient Sizes: 35, 50, 120, 180 and 230 Liters

Popular Options: casters-bases, fill/supply hoses, Non-magnetic versions, pressure building kits

PRODUCT SPECIFICATIONS

Model	35/1.5	50/1.5	120/4 SB	180/4	230/4 RB	230/4 SB
Capacity						
Liquid (gross) (liters)	35	50	120	196	240	240
Liquid (net) (liters)			114	186	228	228
Performance						
NER**** (N2) (% per day)	4	4	2	1,9	1,8	1,8
NER (O2 - AR) (% per day)	N/A	N/A	1,4	1,3	1,2	1,2
Relief Valve Setting (bar)	1,5	1,5	1,5 / 4**	1,5 / 4**	1,5 / 4**	1,5 / 4**
Code	TPED	TPED	TPED	TPED	TPED	TPED
Dimensions						
Tank Diameter (mm)	406	406	508	508	660	660
Base Dimensions (mm)	406	406	650 x 675	508	660	715 x 715
Type of Base	round caster-base	round caster-base	square caster-base	round footring	round caster-base	square caster-base
Tank Height (mm)	723	901	1290	1613	1391	1391
Tank Empty Weight (kg)	41	45	94	109	125	143
Maximum Tank Full Weight***						
N2 (kg)	66	82	186	259	309	327
O2 (kg)	N/A	N/A	224	321	385	403
Ar (kg)	N/A	N/A	253	369	443	461

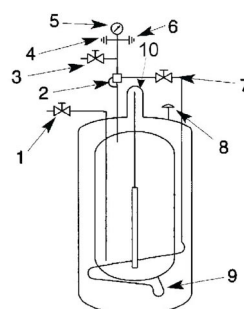
* Subject to change without prior notice

** Tanks supplied with 1,5 bar and 4 bar relief valves

*** Tank plus product at saturated pressure 0 bar for O₂, N₂, Ar 2.2

**** NER: Nominal Evaporation Rate

FIVE Year Vacuum Warranty



No. Nomenclature

- 1 Liquid Fill & Withdrawal Valve
- 2 Pressure Building Regulator
- 3 Vent Valve
- 4 Relief Valve
- 5 Pressure Gauge
- 6 Relief Valve
- 7 Pressure Building Valve
- 8 Outer Vessel Burst Disc
- 9 Pressure Building Coil
- 10 Liquid Level Indicator (35/50 fitted with DP gauge)

***** Available option on 120, 180 and 230 models only