

EuroCyl Low Pressure

THE LOW-PRESSURE CRYOGENIC LIQUID SOLUTION

All-purpose gas transport, storage and supply vessels.

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	50/1,5	120/4	180/4	230/4 RB	230/4 SB
CAPACITY					
Liquid gross (liters)	50	120	196	240	240
Liquid (net) (liters)	47	114	186	228	228
PERFORMANCE					
Ner N2 (% per day)	1,9	1,8	1,9	1,8	1,8
Ner O2 or AR (% per day)	1,3	1,2	1,3	1,2	1,2
Gas (CO2 or N2O) (% per day)	0,5	0,5	0,5	0,5	0,5
Gas Flow (N2 or O2) (Nm3/hour)	9,2	10,5	9,2	10,5	10,5
Gas Flow (CO2 or N2O) (Nm3/hour)	2,9	2,9	2,9	2,9	2,9
Relief Valve Setting (bar)	24	22	24	22	22
Code	TPED (EN1251)	TPED (EN1251)	TPED (EN1251)	TPED (EN1251)	TPED (EN1251)
DIMENSIONS					
Tank Diameter (mm)	406	508	508	660	660
Base Type	Round/ caster-base	Square / caster-base	Round	Round / caster-base	Square / caster-base
Base Size (mm)	406	650X675	508	660	715x715
Tank Height (mm)	1035	1290	1613	1391	1391
Tank Empty Weight (kg)	48	100	109	135	155
Tank full Weight N2 (kg)	86	186	259	309	327
Tank full Weight O2 (kg)	N/A	224	321	385	403
Tank full Weight Ar (kg)	N/A	253	369	443	461