



Cooler By Design.™

EURO-CYL

THE LOW-PRESSURE CRYOGENIC LIQUID SOLUTION

The 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

- 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

**5-year
vacuum
warranty**



Six Convenient Sizes

- 120 Liters
- 180 Liters
- 230 Liters
- 600 Liters
- 1000 Liters

Popular Options

- Caster Base
- Fill / supply hoses
- Non-magnetic versions
- Pressure building kits
- Low Pressure Control Device



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Euro-Cyl Specification

Model		120/4 SB	180/4	230/4 RB	230/4 SB	600/8	1000/8
Capacity							
Liquid (gross)	(litres)	120	196	240	240	673	993
Liquid (net)	(litres)	114	186	228	228	639	943
Performance							
NER**** (N ₂)	(% per day)	2	1,9	1,8	1,8	1,6	1,5
NER (O ₂ - AR)	(% per day)	1,4	1,3	1,2	1,2	1,1	1
Relief Valve Setting	(bar)	4/1,5**	4/1,5**	4/1,5**	4/1,5**	8	8
Code		TPED	TPED	TPED	TPED	TPED	TPED
Repture Disk Setting	(bar)	6	6	6	6	N/A	N/A
Dimensions							
Tank Diameter	(mm)	508	508	660	660	965	1067
Base Dimension	(mm)	650x675	508	660	715x715	1030x1030	1130x1130
Type of Base		square	round	round	square	pallet	pallet
		caster-base	footring	caster-base	caster-base	frame	frame
Tank Height	(mm)	1290	1613	1391	1391	1915	2165
Tank Empty Weight	(kg)	100	109	135	155	735	720
Maximum Tank Full Weght							
N ₂	(kg)	186	259	309	327	1086	1493
O ₂	(kg)	224	321	385	403	1303	1812
Ar	(kg)	253	369	443	461	1464	2050

* Subject to change without prior notice

** Relief valve 1,5 bar is optional

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

**** NER: Nominal Evaporation Rate



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