

# LNG EUROCYL

600 and 1 000 Liters



The **LNG EUROCYL** is palletized cylinder designed for temporary storage and transport of LNG. Its rugged design and construction allows for full product mobility with protection palletized frame. The cylinder is equipped with controls and vaporizers for pressure-building and gas vaporization if required. The super insulated permanent vacuum system provides days of holding time without product loss (NER 0,9- 1 % day).

## Product Highlights

- Easy to use accessible gauges and valves
- Superior Performance
- Tough, durable stainless steel construction
- High performance pressure building system
- European TPED coded
- Gas and/or liquid withdrawal
- 5 -years vacuum warranty



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Specification

Model specification	Euro-Cyl 600/24 LNG	Euro-Cyl 1000/24 LNG	Euro-Cyl 600/24 HW* LNG	Euro-Cyl 1000/24 HW* LNG
<b>Gross capacity</b>	601 litres	997 litres	601 litres	997 litres
<b>Maximum liquid volume at relief valve pressure</b>	95%	95%	95%	95%
<b>Net capacity (liquid)</b>	200 kg	333 kg	200 kg	333 kg
<b>Net capacity (gas)</b>	297 Nm <sup>3</sup> @ 0°C, 1 bar abs.	462 Nm <sup>3</sup> @ 0°C, 1 bar abs.	297 Nm <sup>3</sup> @ 0°C, 1 bar abs.	462 Nm <sup>3</sup> @ 0°C, 1 bar abs.
<b>Net capacity (gas)</b>	295 m <sup>3</sup> @ 15°C, 1 bar abs.	487 m <sup>3</sup> @ 15°C, 1 bar abs.	295 m <sup>3</sup> @ 15°C, 1 bar abs.	487 m <sup>3</sup> @ 15°C, 1 bar abs.
<b>Temperature range</b>	-196°C to +50°C	-196°C to +50°C	-196°C to +40°C	-196°C to +40°C
<b>Min./Max. ambient temperature</b>	-30°C to +50°C	-30°C to +50°C	-30°C to +50°C	-30°C to +50°C
<b>Max. allowable working pressure</b>	24 bar	24 bar	24 bar	24 bar
<b>Max. relief valve setting</b>	12 bar	12 bar	24 bar	24 bar
<b>Gas Flow</b>	12 Nm <sup>3</sup> /h	16 Nm <sup>3</sup> /h	65 Nm <sup>3</sup> /h	78 Nm <sup>3</sup> /h
<b>NER** (LNG)</b>	1,0%/day	0,9%/day	1,0%/day	0,9%/day
<b>Code</b>	TPED (EN 1251)	TPED (EN 1251)	TPED (EN 1251)	TPED (EN 1251)
<b>Dimensions</b>				
<b>Tank diameter</b>	900 mm	1100 mm	900 mm	1100 mm
<b>Overall frame dimension LxWxH (galvanized steel)</b>	1010 mm x 1010 mm x 2050 mm	1180 mm x 1180 mm x 2150 mm	1300 mm x 1080 mm x 2110 mm	1280 mm x 1520 mm x 2150 mm
<b>Tare Weight (approx.)</b>	625 kg	830 kg	790 kg	1100 kg
<b>Maximum Full weight</b>	825 kg	1163 kg	1010 kg	1330 kg

Note:

HW\* - High Withdraw

NER\*\* - Nominal Evaporation Rate

