



# CMSH 250-S LHe Container

- No liquid nitrogen shielding or helium gas circulation required
- Lightweight but rugged construction stands up to trucking and everyday abuse
- Suitable for air transport<sup>1</sup>
- All welded construction
- Lowest loss rates in the industry
- All units equipped with integral caster base
- Easily removable and interchangeable manifolds
- Suitable for neon and all other liquid gases<sup>2</sup>
- Applications include distribution, research and liquefaction
- Two-year warranty on vacuum
- All vessels available with ASME • DOT • TPED • IATA1 • PED

**View  
Another  
Size?**

[30L](#)

[60L](#)

[100L](#)

[150L](#)

[200L](#)

[250L](#)

[350L](#)

[500L](#)

[1000L](#)

**Transport  
Vessels**

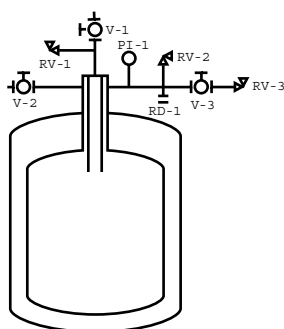
[400L](#)

## Available Options:

Net Capacity	250 L	250 L
Gross Capacity	275 L	275 L
Weight (Empty)	150 kg	330 lbs
Material of Construction	304 Stainless Steel	304 Stainless Steel
N.E.R. (Normal Evaporation Rate)	1.15 %	1.15 %
Operating Pressure	103 kPa	15 PSI
Design Pressure <sup>2</sup>	206.9 kPa	30 PSI
Neck ID	54.7 mm	2.15"
Depth (Flange to Bottom)	1196 mm	47"
Outside Overall Diameter	814 mm	32"
Height	1524 mm	60"
Maximum Transfer Line O.D.	19 mm	3/4"
Minimum Transfer Line O.D.	9.5 mm	3/8"
Transfer Line Length For Withdrawal	1374 mm	54"
Minimum Fill Lance Length	814 mm	32"
Caster Size	127 mm	5"
Vent Connection (MNPT)		1/2"



- Differential Pressure Liquid Level Gauges
- Super Conducting Liquid Level Systems
- Flow Meters
- Electric Pressure CBuilding Systems
- Absolute Relief Valve For Air Transport
- Built-in Vacuum Jacketed Withdrawal Valve
- Larger Neck Openings
- Auxiliary Side Neck
- Removable Dollies
- Locking Casters (Wing Style)



Symbol	Description
V-1	Liquid Valve
V-2	Vent Valve
V-3	Isolation Valve
RD-1	Rupture Disk*
RV-1	Relief Valve, 15 PSI
RV-2	Relief Valve, 10 PSI
RV-3	Pressure Control Valve, .5 PSI
PI-1	Compound Pressure Gauge 30" Hg-0-15 PSI

\*Only on capacities 200 Liters and greater.