

VOH500 Series Manhole Cover

Liquip offers a 500mm (20") diameter cast aluminium manhole cover to suit the specification of oil companies and transport fleets. Liquip's VOH500 Series Manhole come with three equipment mounting positions for overfill protection, vapour recovery and Dip & Fill accessories.

Australian & CEN drop test approval makes these manholes ideal for both top and bottom loading.

Key Features

- Passes Australian & CEN drop tests.
- Cast aluminium lightweight & durable construction.
- 225mm (9") emergency pressure vent included to enable bulk pressure release in event of a fire or rollover.
- Emergency vent doubles as an easy to open inspection hatch for top loading or visual inspection.
- Can be fitted with a 1" thermal pressure & vacuum vent complying with recognised industry codes (for thermal expansion purposes).
- Any mounting positions not utilised can be securely blanked off until required.
- Available with either plain or lockable handle.
- Secure Locking Feature via Gravity Latch or Lockable Bridge & Handle.



Adjustment or Service

Periodically check the seals & gaskets, check emergency vent for correct opening pressure.

Materials

- All major components are aluminium.
- All seals are nitrile rubber.
- Coatings can be supplied in aluminium or steel on request (normally supplied by tank manufacturer).

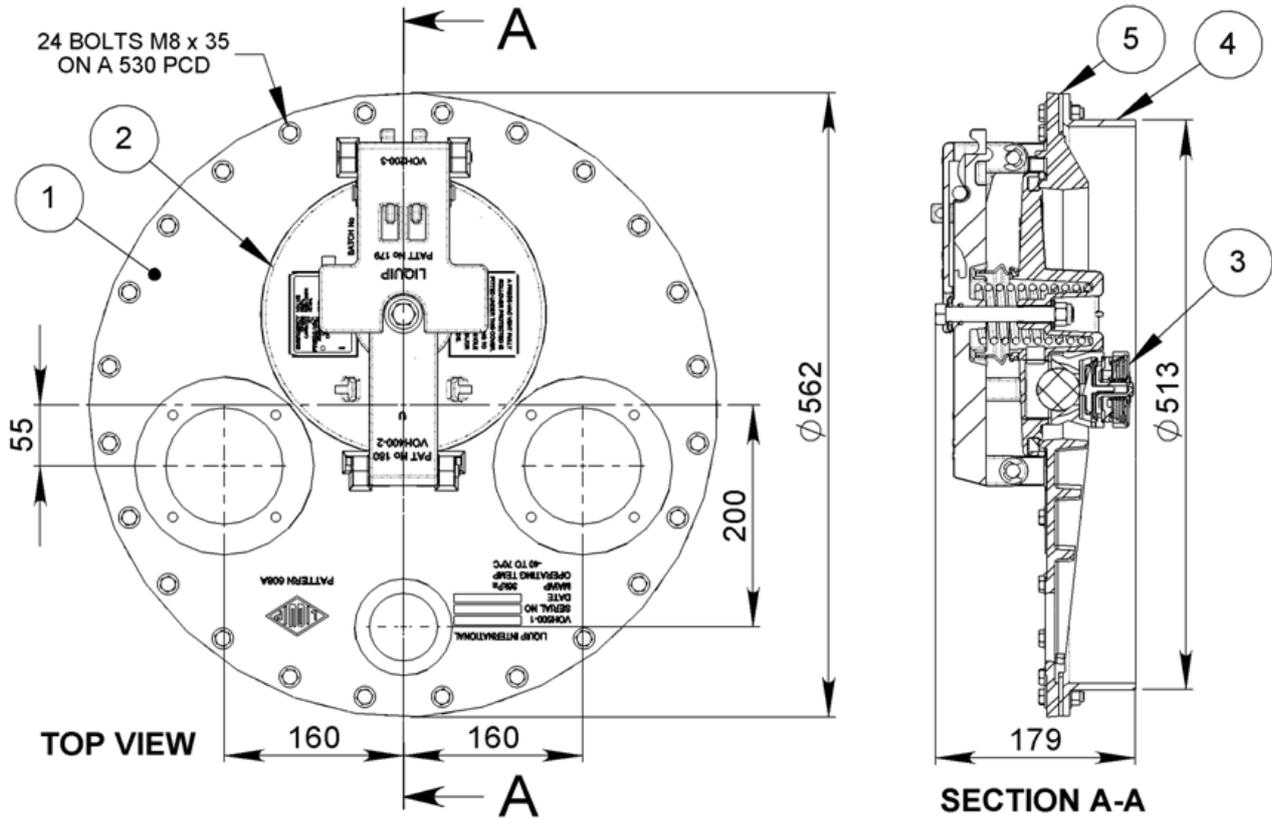
Specifications

Regulations	Passes the Australian & CEN drop Tests.
Mounting	Mounts onto coaming welded into tanker walkway. VOH500-17M - Steel coaming (hole required: approx Ø503mm) VOH500-14A - Aluminium coaming 5083 alloy H116 (hole required: approx Ø516mm)
Weight	12.0kg (without coaming & mounted accessories)
Associated Equipment	VOH500-14A: Aluminium coaming. VOH500-17M: Steel coaming 7237Z: Blank Plate for accessory mounting positions. PJB500: Overfill Probe Holder. VOH400-10: Lock Key.



LIQUIP

VOH500 MANHOLE



- ITEM 2: MODEL SHOWN WITH PLAIN HANDLE, 30kPa SPRING & LABEL FOR PVV104 (SUB-ASSEMBLY VOH500-32A)
 VARIANTS: PLAIN HANDLE, 24kPa (3 PSI) SPRING & LABEL FOR PVV104U (SUB-ASSEMBLY VOH500-32B)
 PLAIN HANDLE, 30kPa SPRING & LABEL FOR PVV104U (SUB-ASSEMBLY VOH500-32U)
 LOCKABLE HANDLE, 30kPa SPRING & LABEL FOR PVV104 (SUB-ASSEMBLY VOH500-33A)
 LOCKABLE HANDLE, 24kPa (3 PSI) SPRING & LABEL FOR PVV104U (SUB-ASSEMBLY VOH500-33B)
 LOCKABLE HANDLE, 30kPa SPRING & LABEL FOR PVV104U (SUB-ASSEMBLY VOH500-33U)

ITEM 3: PRESSURE VACUUM VENT REQUIRED IS DETERMINED BY CONFIGURATION OF ITEM 2.

ITEM 4: MODEL SHOWN WITH ROLLED ALUMINIUM COAMING VOH500-14A
 VARIANT: MILD STEEL COAMING VOH500-17M
 COAMING SUPPLIED SEPARATELY

ITEM 5: GASKET & FASTENER SUB-ASSEMBLY IS SUPPLIED SEPARATELY.

NOT SHOWN: GRAVITY LATCH SUB-ASSEMBLY (ADD IF REQUIRED - VOH500-34Z)

ITEM NO.	PART NUMBER	DESCRIPTION	QTY	MATERIAL
1	VOH500D-1	COVER MANHOLE 20" TO CEN REGULATIONS	1	ALUMINIUM
2	VOH500-32A	EMERGENCY VENT PLAIN BRIDGE & HANDLE	1	ALUMINIUM
3	PVV104	PRESSURE AND VACUUM VENT	1	ALUMINIUM
4	VOH500-14A	COAMING FOR VOH500 MANHOLE	1	ALUMINIUM
5	VOH500-36Z	GASKET & FASTENER SUB-ASSEMBLY	1	NEOCORK

X1251003

Issue: D

METERS - VALVES - VENTS - MANHOLES - PUMPS - HOSEREELS - OVERFILL PROTECTION - LOADING ARMS - ELECTRONIC DIPSTICKS