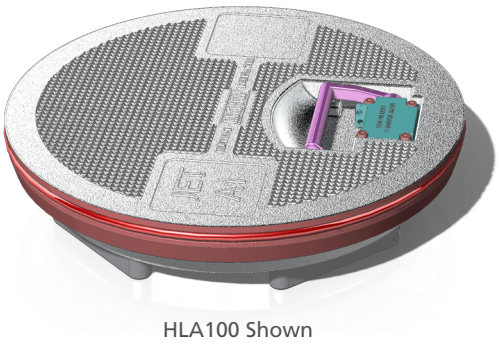
Hydrant Pit Lids - HLA100

Liquip offer the HLA100 a 18" aluminium hydrant pit cover.

The HLA100 applies the proven features of the HLA100 and combines increased strength and durability to meet modern aviation and ground fuelling load requirements.

Liquip's hydrant pit lids are also fitted with a self-latching mechanism that provides an efficient and effective seal that prevents the ingress of water and dirt so that Foreign Object Debris (FOD) can not enter the pit.



HLA100 Shown

Key Features

- Lightweight design.
- HLA100 can be operated by one-person (using gloves).
- Handle provides a positive lock, securing the lid to the pit frame which will not release until activated.
- Seal design provides a durable water resistant seal keeping water and debris out of the valve chamber.
- All weather resistant - proprietary watertight lid withstands 150mm head of water with no drips.
- When closed the lid and handle are positioned flush with ground level.
- The cover has been designed to be dropped straight into the pit rim, no rotation or locking is required: the cover's latches lock the cover into place with a light press of your foot.
- Proprietary vacuum breaker integrated into the handle allows for easy opening of lid.
- The HLA100 can be placed in 360° which keeps the coupler, hose and hydrant cart clear.
- Special, high wear and chemical resistant plastic feet protect latching mechanisms and the bottom of the pit cover from damage.
- Lid can be used on both HPA (Polyflex) and HPS (Steel) pits.
- HLA100 is typically used with maintenance ring (HLC200-3) forming a complete cover and aperture of 596mm.
- Can be supplied with a Liquip PRS series tether system to meet JIG 2 requirements.
- Existing hydrant pits can be easily upgraded to incorporate the HLA200 lid (contact Liquip for further details).

Operation

The cover (HLC200-3) comes completely assembled and is interchangable with hydrant pits HPA1x0 and HPA2x0 series. To remove the cover a single hand is required to grasp the handle and with one motion draw the handle up and toward you releasing the lock, opening the special vacuum breaker and removing the cover. To replace simply slid into the rim and press with your foot if the cover fails to latch under it's own weight. Cast-in recesses are provided for labels.

Adjustment & Service

All adjustments are made during installation. Seals and the under mount lid buffers on the pit cover should be inspected at 6 month intervals. Replace all seals and buffers as required. This pit is supplied with a removable outer cover to provide a full 600mm access during valve and pipe repairs.

Ordering Information

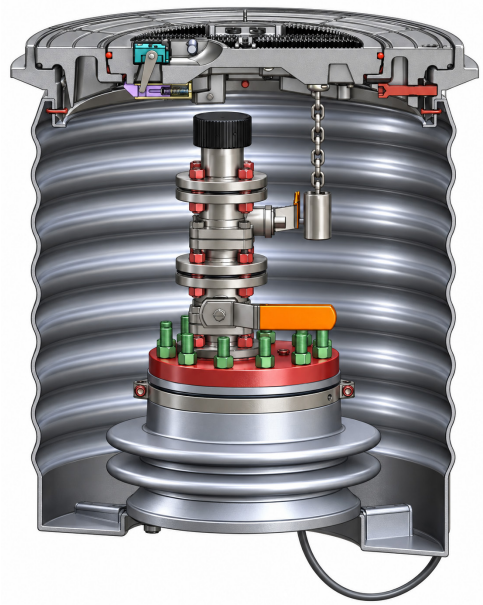
Item	Description
HLA100	18" Lightweight aluminium hydrant pit cover. PRS PIT CONFIGURATION (JET A1 Label).
HLA100-5	Sealing O-ring cord to suit HLA100/HLA200 lid (Chloroprene).
HLC200-10	Sealing O-ring for Maintenance lid (HLC200-3) (Neoprene).
7994	Wear Pad - Polyethylene.

Associated Information

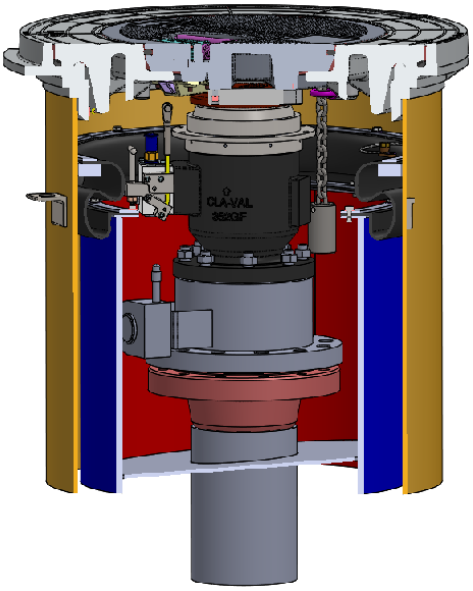
Item	Description
HPA20x Series	700mm diameter lightweight Polyflex Hydrant pit assembly with integral bellows to accept a proprietary 100 NB flange & 100NB pit valves. The assembly comes complete with both inner and outer covers.
HPA25x Series	700mm diameter lightweight Polyflex Hydrant pit assembly with integral bellows to accept a proprietary 150 NB flange & 100NB pit valves. The assembly comes complete with both inner and outer covers.
HPS20x Series	700mm diameter Steel Hydrant pit assembly to accept a 100 NB flange & 100NB pit valves. The assembly comes complete with both inner and outer covers.
HPS25x Series	700mm diameter Steel Hydrant pit assembly to accept a 150 NB flange & 100NB pit valves. The assembly comes complete with both inner and outer covers.
PRS200	Pit retaining system - chain to suit 700mm (wide) Polyflex body pits.
PRS250	Pit retaining system - chain to suit 700mm (wide) Steel body pits.

Technical Information

Materials	Cast Aluminium Special engineering grade Polyethylene Stainless Steel Chloroprene Seal
Operating Temperature	-40°C to +60°C.
Weight	13.4kg - (excludes tether).
Rating	600 kN
Anti-Slip Finish	Yes
Markings	JETA1 as standard. Other marking plates available as optional extra.
Wear Pads	4 x replaceable special engineering grade Polyethylene wear pads as standard (LIQ7994).



HPA (Polyflex) SERIES PIT shown.



HPS (Steel) SERIES PIT shown.