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HLA100 & HLA100L Lightweight Aluminium Hydrant Cover

DATA SHEET

PART N°: HLA100
HLA100L

- TITLE:** 18" Lightweight aluminium hydrant pit cover
- PURPOSE:** To reduce the weight of the Hydrant pit covers, to increase safety with two, self-latching mechanisms.
To provide efficient & effective seals that prevents the ingress of water and dirt.
- OPERATION:** The cover comes completely assembled and will only fit the following specific hydrant pits HPA200, HPA201, HPC200 & HPC201. 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. With both latches locked the seal provides a water resistant and durable seal. Special, high wear and chemical resistant plastic feet protect latching mechanisms and the bottom of the pit cover from damage.
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
NOTE: The HLA100L is a version supplied with a kit to provide a lock to prevent unauthorised access to the pit.
- PERIODIC SERVICE:** The designer has taken particular note of the grit and fine dust the pit covers are working in. Therefore no grease or oil is used to provide the smooth operation, large clearances and the use of different materials produce a low maintenance cover. When disassembly is required no special equipment is needed.
NOTE: Incorporated in the design is Emergency removal of the cover should one or both latches fail.
- VARIANTS:** HLA100 & HLA100L covers are a single latch version, HLA120 & HLA120L COVER are a double latch version to replace Avery Hardoll 18" pit covers.
- WEIGHT:** 13.4kg
- TECHNICAL DATA:** Operating temperature -40°C to +60°C
Operating load 2,100kPa uniformly spread over the lid with a maximum deflection measured at the centre of 6mm.
- MATERIALS:** Cast Aluminium, Special engineering grade Polyethylene, Stainless Steel, Nitrile.

Overall dimensions shown on the drawing overleaf.

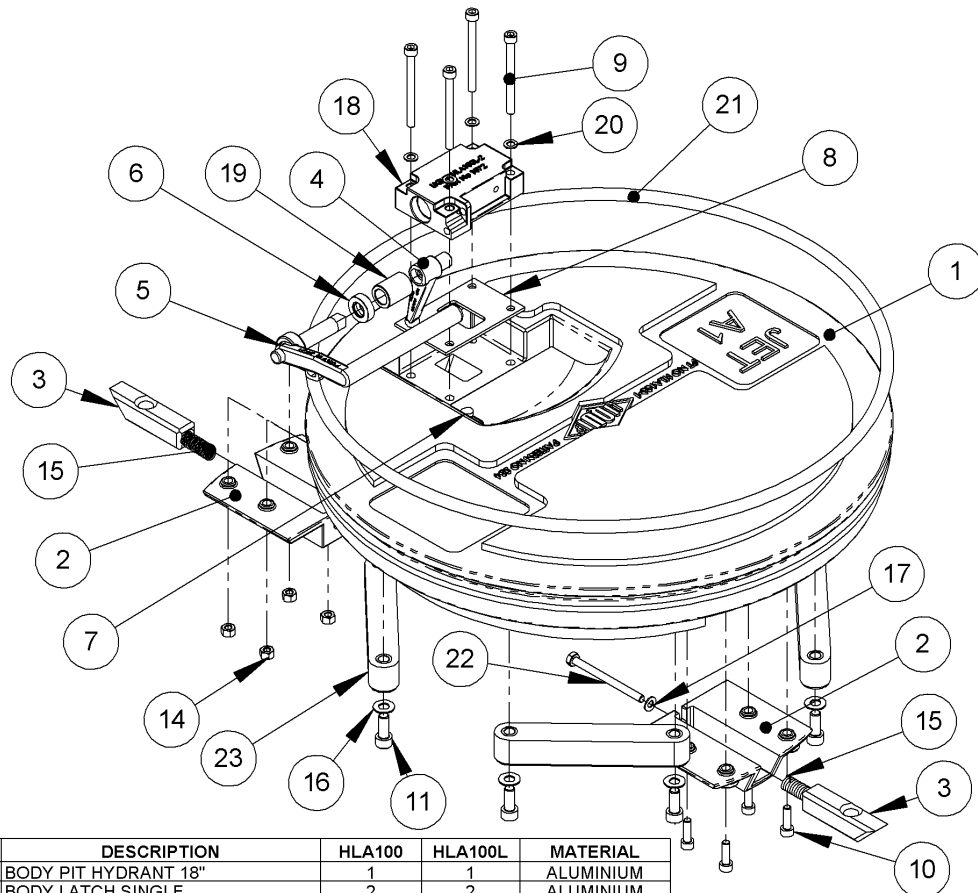


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LIQUIP

HLA100 LIGHT WEIGHT ALUMINIUM HYDRANT COVER



ITEM	PART No	DESCRIPTION	HLA100	HLA100L	MATERIAL
1	HLA100-1	BODY PIT HYDRANT 18"	1	1	ALUMINIUM
2	HLC100-3	BODY LATCH SINGLE	2	2	ALUMINIUM
3	HLC100-6	LATCH SINGLE STYLE	2	2	NYLON
4	HLC100-8	LEVER OPERATING LATCH LOCK	1	-	ST STEEL
5	HLA100-4	HANDLE OPERATING	1	-	ST STEEL
5	HLA100L-4	HANDLE OPERATING	-	1	ST STEEL
6	7509	SEAL LIP	1	1	NITRILE
7	4643	SEAL DISC	1	1	NEOPRENE
8	7510	GASKET	1	1	NEOCORK
9	6606	CAPSCREW METRIC	4	4	ST STEEL
10	6533	CAPSCREW METRIC	4	4	ST STEEL
11	6582	CAPSCREW METRIC	8	8	ST STEEL
12	6692	CAPSCREW METRIC	4	-	ST STEEL
13	6693	CAPSCREW METRIC	4	-	ST STEEL
14	4398	NUT METRIC	4	4	ST STEEL
15	6100	SPRING LOCK BODY	2	2	ST STEEL
16	5340	WASHER FLAT	8	8	ST STEEL
17	5317	WASHER FLAT	1	1	ST STEEL
18	HLA100L-2	HOUSING HANDLE LOCKING	1	1	ALUMINIUM
19	HLA100-3	BUSH LATCH HOUSING HANDLE	1	1	ACETAL
20	4358	WASHER FIBRE	4	4	FIBRE
21	HLA100-5	O-RING	1	1	NEOPRENE
22	6691	BOLT METRIC	1	1	ST STEEL
23	7994	WEAR STRIP	4	4	POLYETHYLENE

X550402

Issue: C

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



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