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LIQUIP PTY LIMITED - ENGINEERING DEPARTMENT - 13 HUME RD SMITHFIELD SYDNEY NSW AUSTRALIA 2164
PH: +61 2 9725 9000 FAX: +61 2 9609 4739 EMAIL: engineering@liquip-nsw.com.au

100MM (4") VAPOUR COUPLER

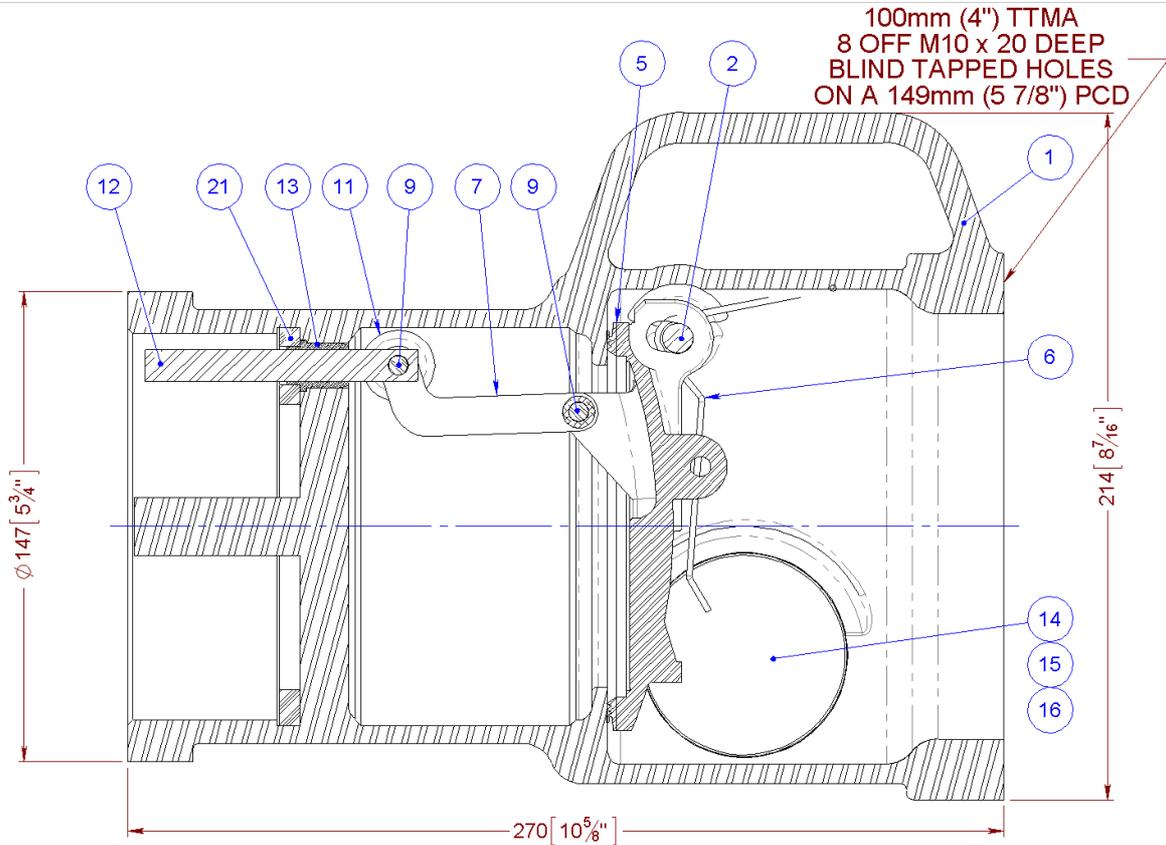
DATA SHEET

PART No: VCF500

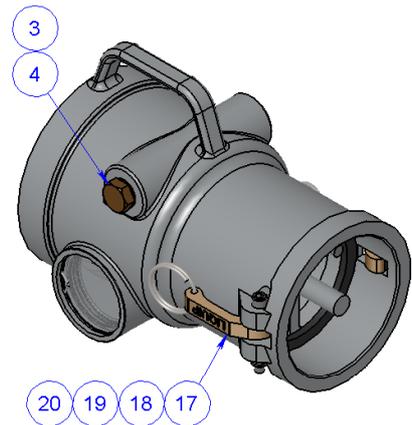
- TITLE:** Vapour Coupler 100mm (4") with poppet and spigot.
- OPERATION:** Used for vapour transfer between truck tank and loading/unloading tank. The spring-loaded coupler automatically opens when coupled to a compatible adaptor with minimum effort. Coupler automatically seals when disconnected.
- *NOTE* Not suitable for use with AS5602 (supersedes AIP CP6) compliant vapour adaptors which require interference selectivity counterbore on the vapour coupler.
Use below VCF075W variant instead.*
- FEATURES:** The vapour coupler has a patented "dunny lid" poppet to give minimum pressure drop across the valve, with moulded lip seal for reliable sealing. The coupler is also equipped with a sight glass for viewing of any product left from condensation and incorporates a carry handle for manoeuvrability.
- DISMANTLE:** None
- ADJUSTMENT:** None required
- MOUNTING:** 100mm (4") TTMA blind flange with 8 off M10 x 20 deep tapped holes.
- TECHNICAL DATA:** Aluminium body and poppet
Brass cam levers
Stainless steel spring and shaft
Viton seal
100mm (4") bore all through for minimum pressure drop.
Weight: 3 kg (6.5lb)
Not compatible with AS5602 / AIP CP6 compliant vapour adaptors.
- ASSOCIATED EQUIPMENT:** VCF075W – 100mm (4") static safe hosedtail & female camlock with 75mm (3") flow diameter.

Overall dimensions shown on the drawing overleaf.

VCF500 VAPOUR COUPLER



21	7516	SEAL CAMLOCK 4" WITH CUTOUT	1	HI-ACRYLONITRILE
20	978	KEY RING 1 1/2 Z/P	2	Z/P STEEL
19	0149	NUT NYLOC	2	Z/P STEEL
18	6554	CAPSCREW IMPERIAL	2	Z/P STEEL
17	CLC3.0-2	LEVER CAMLOCK	2	BRASS
16	4493	SPRING CLIP	1	ST STEEL
15	0179	O-RING	1	NITRILE
14	5731	SIGHTGLASS	1	ACRYLIC
13	VCF500-7	BUSH FOR PUSH ROD	1	BRASS
12	VCF500-5	PUSH ROD, PISTON	1	ST STEEL
11	7819	ROLLER	2	ACETAL
10	0756	SPLIT PIN	2	ST STEEL
9	SLV5-7	PIN	2	ST STEEL
8	7803	SPACER BUSH	1	ALUMINIUM
7	VCF500-3	LINKAGE FOR POPPET	2	ST STEEL
6	6151	SPRING TORSION FOR POPPET	1	ST STEEL
5	SLV100-2	POPPET MOLDED VITON SEAT	1	ALUMINIUM
4	PCU201-7	PLUG M16 CONDUIT	1	BRASS
3	0885	WASHER FIBRE	1	VULCANISED FIBRE
2	VCF500-2	SHAFT FOR POPPET	1	ST STEEL
1	VCF500-1	BODY	1	ALUMINIUM
ITEM	PART No	DESCRIPTION	QTY.	MATERIAL



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