

# AVV075K Air Operated Vapour Vent for Chemicals

Liquip’s AVV Series of aluminium sequential air operated vapour vents have a 90mm nominal diameter outlet and are sequentially air actuated to allow the venting of vapour from tanker truck compartments while loading or unloading.

The AVV series can be used in conjunction with an overfill protection interlock that prevents loading if the vapour recovery system has failed to fully activate.



## Key Features

- Aluminium construction with Viton seals as standard.
- The sequencing valve is offered to ensure the main poppet is fully open before next vent opens.
- Bolted from inside tank. Gauze in body prevents access through outlet spout in certain models (optional)
- The end signal can then be used to allow loading/unloading in the certainty that all vapour vent poppets are open.
- The sequencing valve can be blanked if not required.
- The poppet opens inwards to prevent leakage and spills from product surge in the event of a tanker rollover.

## Ordering Information

**AVV075K** Chemical Version with Kalrez o-rings.

## Associated Equipment

**VRB3.5-1** Aluminium Weld stub to allow venting into coaming.

**AVV3-12** Polyurethane louvre for weather & anti-spark protection.

## Technical Information

Operating Pressure	120kPa to 900kPa (Normal 500kPa)
Consumption/Stroke	1 Litre Free Air
Body	Aluminium
Seals	Teflon Piston and Kalrez Seals
Weight	1.9 kg

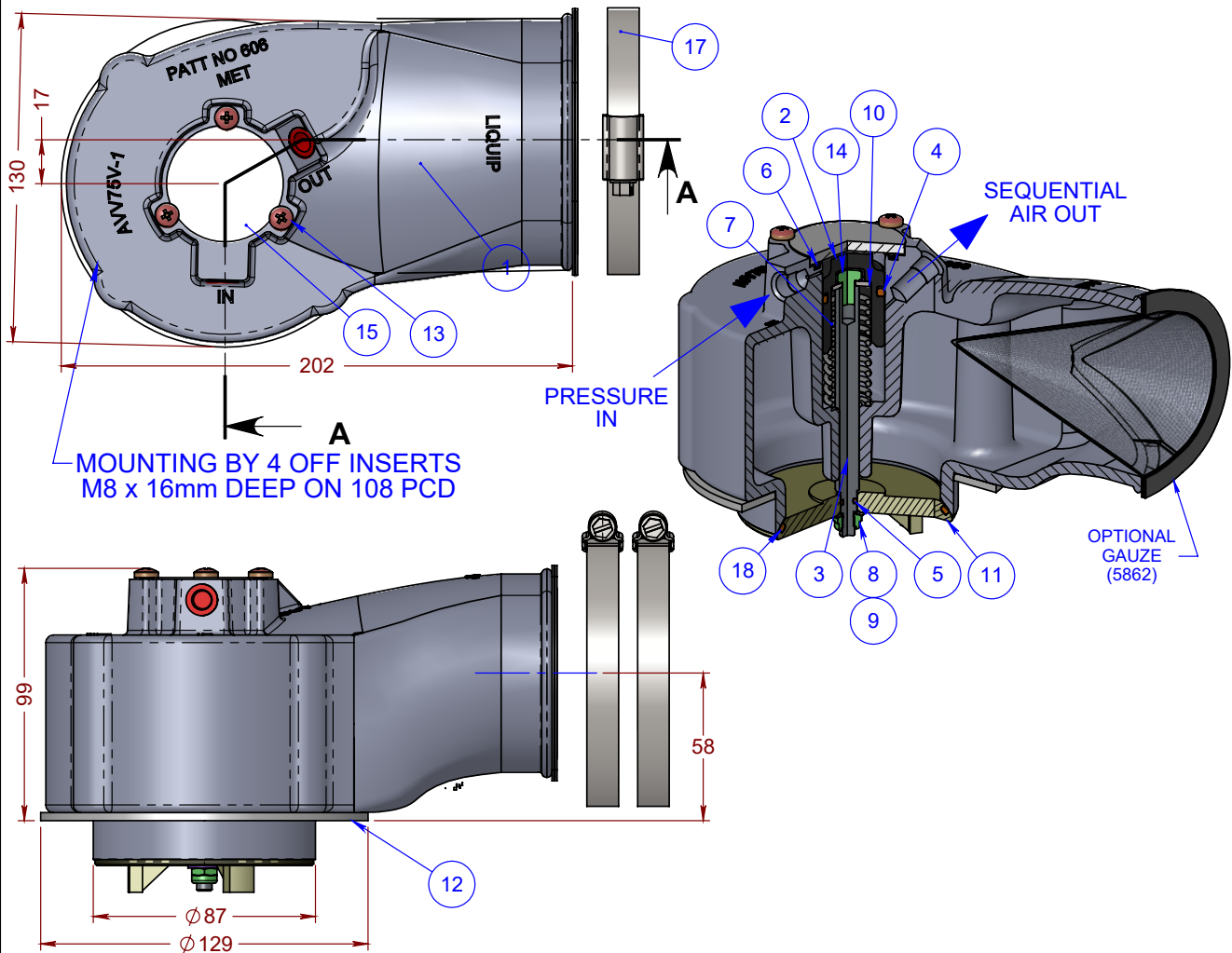
### Mounting

Mounts directly on to Liquip manhole covers or by weld flanges in aluminium, steel or stainless steel for walkway and coaming mount. Bolted from underneath.

### \* Note:

The nature of Teflon is that it is unyielding but easily scratched; therefore the slightest damage can lead to weeps particularly where clamping force is provided by a spring which is necessarily limited in force. However the use of Teflon cannot be avoided because of its outstanding chemical resistance. Liquip guarantee the sealing of all new products and test all production prior to dispatch. Following installation of the equipment by the Purchaser it is essential that the valve be kept perfectly clean, any test liquids be perfectly clean and no tools be allowed to touch the Teflon seals. It is not uncommon for valves to exhibit small weeps once in service with commercial-quality liquids.

# AVV075K VAPOUR VENT



ITEM NO.	PART NUMBER	DESCRIPTION	AVV075K	MATERIAL
1	AVV075V-1	BODY FOR LOW PROFILE	1	ALUMINIUM
2	AVV175V-3	PISTON	1	TEFLON
3	AVV075V-6	SHAFT - LOW PROFILE	1	ST STEEL
4	7569	O-RING	1	FFKM
5	7581	O-RING	1	FFKM
6	6089	O-RING	1	NITRILE
7	6141	SPRING COMPRESSION	1	ST STEEL
8	4400	NUT HALF NYLOC	1	Z/P STEEL
9	5267	WASHER FLAT	1	Z/P STEEL
10	5329	WASHER FLAT	1	Z/P STEEL
11	AVV075V-4	POPPET	1	ALUMINIUM
12	4297	GASKET	1	EXP-PTFE
13	6501	SCREW METRIC	3	ST STEEL
14	6523	SETSCREW METRIC	1	Z/P STEEL
15	AVV075V-5	LID FOR LOW PROFILE VAPOUR VENT	1	ALUMINIUM
16	7888	INSTRUCTION LEAFLET	1	PAPER
17	2308	CLAMP HOSE No.5	2	Z/P STEEL
18	7593	O-RING TO BS1806 & SAE AS568A	1	FFKM

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

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