

VCAF103 Vapour Connected Air Filter

The VCAF103 is typically used at remote fuel storage facilities where a vapour recovery system is not available.

When truck drops its load of fuel, the empty space in the tank is filled with air from around the tank. Without this filter fitted, any particles (i.e. dust) in the air is sucked into the tank which mixes with the fuel and can then cause damage in vehicle engines.

The need was initiated by a mine site incentive to keep the fuel being delivered as clean as possible by significantly reducing ingress of particles larger than 5 microns.

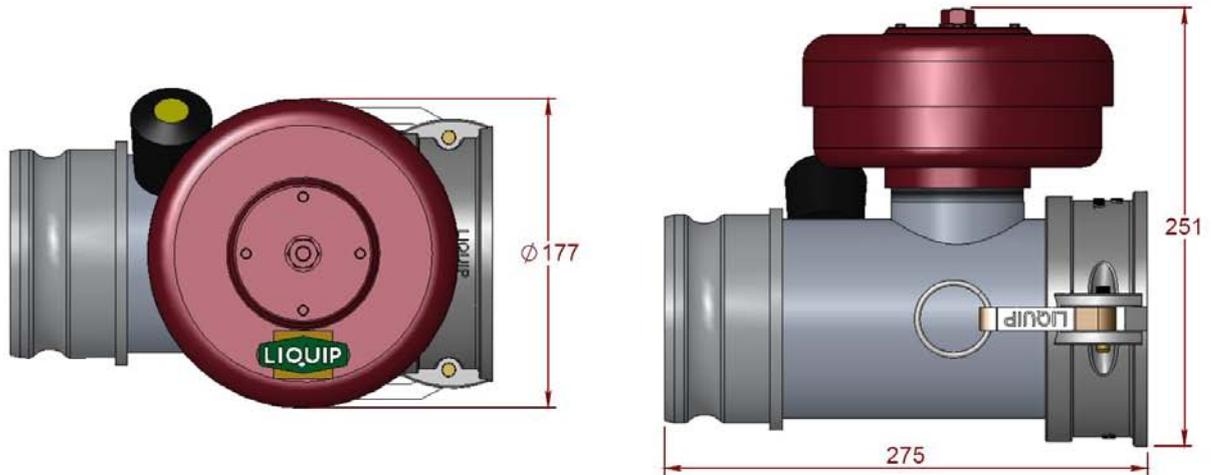


Features

- ◆ 2600LPM capacity
- ◆ 3 micron particle filter
- ◆ Replaceable element
- ◆ Clogging indicator



VCAF103 VAPOUR CONNECTED AIR FILTER



CLOGGING INDICATOR SHOWS BY PERCENTAGE THE INCREASE IN VACUUM PRESSURE DROP UP TO -35mbar (-3.5kPa). PERCENTAGE REMAINS VISIBLE EVEN WHEN VACUUM IS REMOVED. WHEN ELEMENT IS REPLACED, INDICATOR MUST BE MANUALLY RESET BY PRESSING YELLOW BUTTON ON TOP.

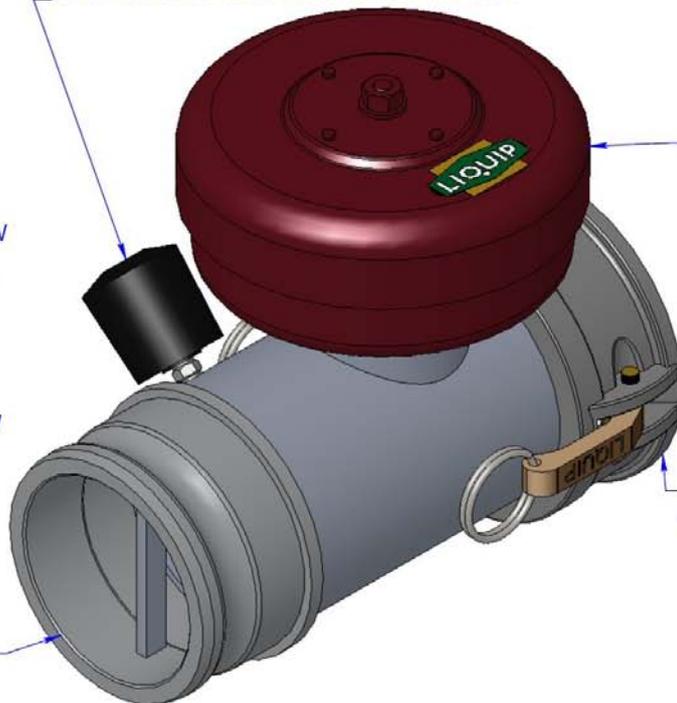


NO YELLOW INDICATES ELEMENT IS CLEAR

SOME YELLOW INDICATES ELEMENT IS CLOGGING

FULL YELLOW INDICATES ELEMENT NEEDS REPLACING

4" MALE CAMLOCK OPEN TO BREATHER (VAPOUR RECOVERY HOSE CONNECTS HERE)



BREATHER, STEEL BODY, REPLACEABLE ELEMENT 2 1/2" BSSP FEMALE THREAD, 3 MICRON FILTER 2600LPM CAPACITY

4" FEMALE CAMLOCK NOT OPEN TO BREATHER (USED FOR MOUNTING ONLY)

- UNIT IS TYPICALLY MOUNTED BETWEEN VAPOUR RECOVERY HOSE AND IT'S PARKING ADAPTOR AT THE END OF THE HOSE TRAY. UNIT MAY BE MOUNTED ON ANY 4" MALE CAMLOCK.
- IT CAN REMAIN PERMANENTLY IN PLACE AS IT WILL ONLY BREATHE WHEN PRODUCT IS REMOVED FROM TANKER COMPARTMENTS WITH VAPOUR RECOVERY HOSE REMAINING CONNECTED, I.E. NOT WHEN VAPOUR RECOVERY HOSE IS CONNECTED TO A LOADING GANTRY OR STORAGE TANK AND NOT WHEN VEHICLE IS IN MOTION.
- WHEN SIDE WINDOW OF INDICATOR SHOWS ALL YELLOW, THE FILTER ELEMENT SHOULD BE REPLACED.