

# MicroVent



## WHAT IS ACTIVATED CARBON?

**ACTIVATED CARBON** is a processed carbon with highly developed absorptive powers, ideal for removing a wide range of unpleasant odours and gaseous contaminants from air streams e.g. holding tanks.

**ACTIVATED CARBON** filters consist of carbon granules, which are obtained from coconut shells, wood and coal. These different sources result in a wide variety of grades, covering specific applications. For gas or air treatment, for example, the most effective carbon is produced from coconut shells or anthracite, both of which have exceedingly fine pore structures that can be greatly developed during the activation process.

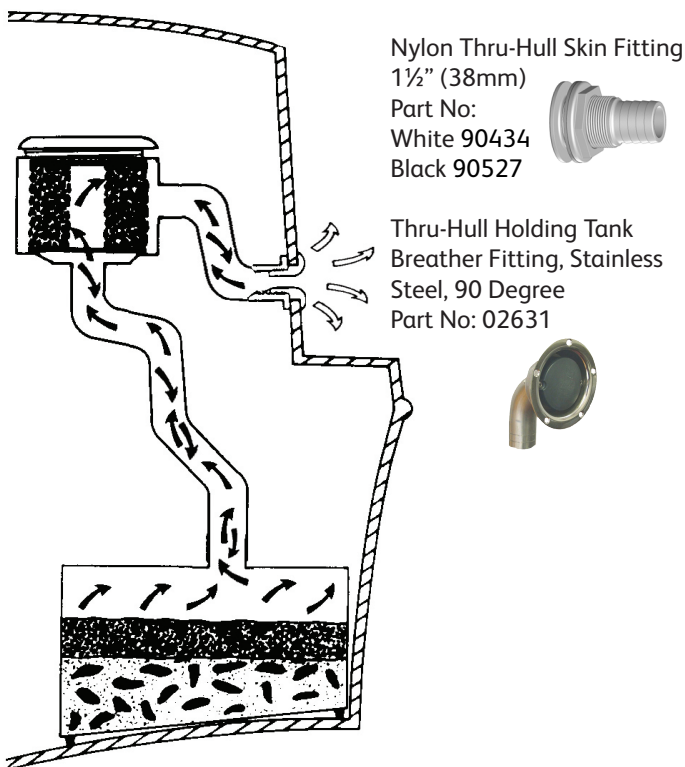
Breathers for Holding Tanks in boats have been a major problem unless the tank is continually fed with odour camouflaging chemicals. These chemicals destroy natural biodegrading qualities which, contrary to popular opinion, create a less clean tank. These can seriously damage water treatment plants, when discharging into the main sewer system, from boats, caravans, etc. Hydraulic pressure that can be inflicted upon a tank by extending breather pipes vertically, and the necessity for large bore breathers to prevent implosion at pump out, often demand that the breather outlet is in a less than ideal position.

With an **ACTIVATED CARBON FILTER** the outlet is no longer a problem and the tank can be used without costly and environmentally harmful chemical treatment.

The specifically developed filter has hose connections for 1½" (38mm) ID Breather required by British Standard MA 101. Access is required for changing the carbon element, although this is an easy and infrequent job.

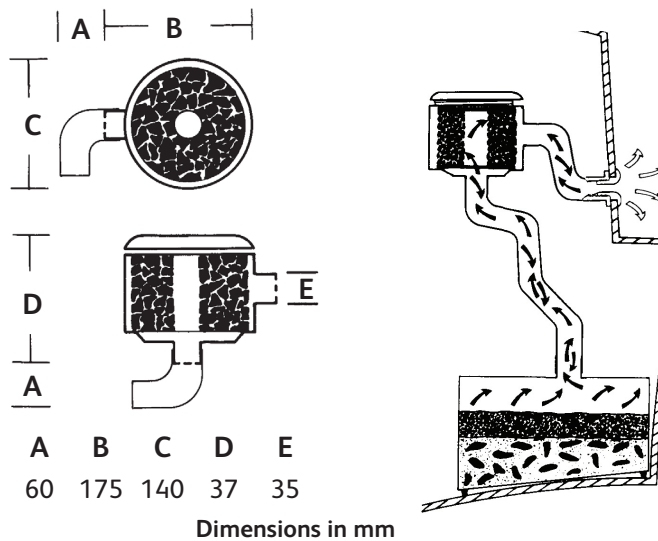
The **MICROVENT** filter can be installed almost anywhere and is designed to connect with the breather plumbing from any angle. Airflow through the filter can be from either inlet/outlet.

<b>Part No:</b>	Microvent	Replacement Filter
	02070	02071



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The MICROVENT filter should be installed within the breather pipeline in such a way as to minimise the possibility of it becoming directly in contact with solid or fluid contents inside the holding tank. To achieve this it is advisable to install the MICROVENT as high as possible within the system.

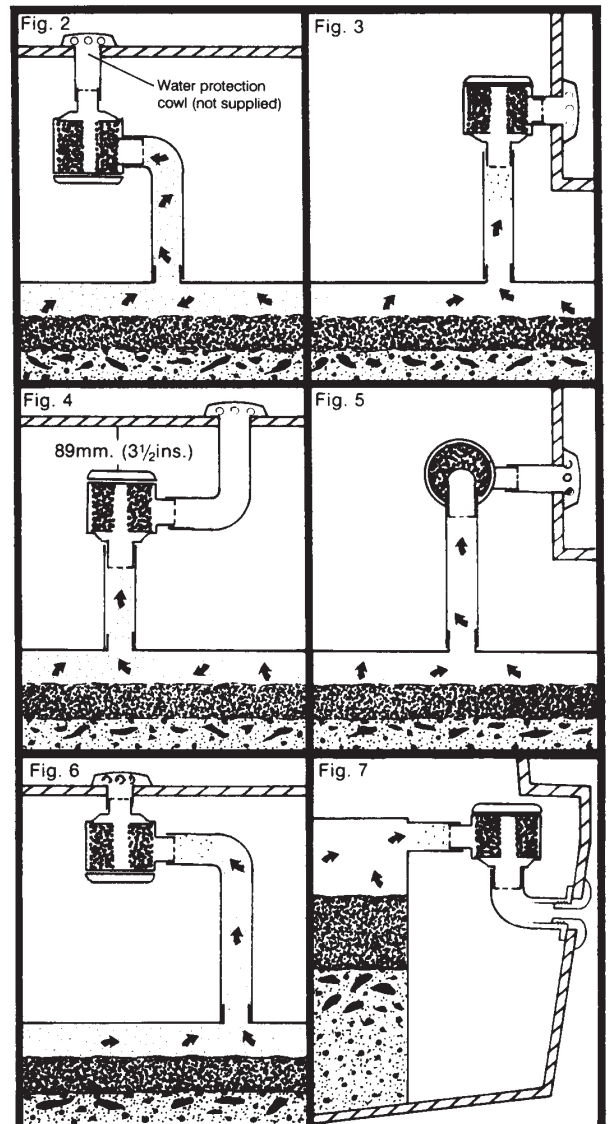


The MICROVENT can be mounted in any position as illustrated in figures 1 to 7.

It is only marginally preferable to have the air flow from the holding tank to the outside atmosphere, passing 'IN' through the central hose connection situated on the underside of the filter and 'OUT' through the side hose connection. However, where it is essential, or more convenient, then the foul air can be routed in the opposite direction.

Access must be available for the removing and replacing of the MICROVENT filter element. A minimum of 32mm. (1¼") clearance from any obstruction is required for the removal of the filter cover. The filter element itself is 95mm. (3¾") long and 100mm. (4") in diameter. Space must be provided to effect its removal from the MICROVENT body after the cover has been removed.

The hose connection elbow can be used on either connection to suit the installation as and when required. This should be clamped with the hose clamp provided.



The MICROVENT Activated Carbon Air Filter is suitable for Marine, Caravan, Commercial Vehicle and Site installations.

