

BRISTOL CHANNEL DIVING SERVICES

Engineering Diving Excellence

FOCUS ON

BY NEIL BROCK **PERSONAL FILTERS**

These are some of the personal filters that are available in various configurations, “A” clamp to “A” clamp, DIN to DIN etc.

These types of filter can be very useful if your into keeping your cylinders in O2 clean status and are not quite sure of the quality of the gas you might be getting when your away. Remember though, that some people take offence at being told their gas is crap, so make sure of your facts, or, at least be diplomatic.

Most manufacturers give you guidance on the life expectancy of the filter element, but it is just that, a guide line. Actual life expectancy will be based on the quality (or not !) of the gas being passed through the filter.

If the compressor is old and worn, or badly maintained, then the gas may be particularly oily or, maybe the humidity of the gas is very high because of worn compressor filters, then this will have a considerable bearing on any secondary filter life.

Before you spend your money, you need to look at what your frequency of use might be, and, what state the gas might be in coming from the compressor. As you can see is a big difference in the prices between the Sub Aqua Products kit and the Beaver Sports kit, and, much as you get what you pay for in life, the Beaver filter actually does quite a good job.

Don't forget that you need to keep a log of the hours use, or volume of gas passed over your personal filter, or it's life expectancy, and yours, will be just guess work.



Personal Filter Kit Inc Case & Accessories

Kit comes complete in transit case & includes a complete set of common charging connections enabling filling from any prime source of breathing air.



Personal Filter & Cartridge Assembly

Bare filter housing, complete with one filter cartridge, you add your own “A” or DIN stems. The connection threads are 1/4” BSP male and female, this unit has a flow restrictor fitted.



Personal Filter & Cartridge Assembly

Blue anodised filter housing complete with filter cartridge. Inlet connection 1/4 BSP male with integral flow restrictor. Outlet connection 1/4 BSP female. Comes with male and female DIN connectors.

Filter Element



This is the replacement filter for the above products.

232 Bar Personal Filter



An inline filter to go between your cylinder and your filling source. Can be used with DIN or A-clamp connections

300 Bar DIN Nitrox Personal Air Filter



This is the same as the above filter but compatible with 300 Bar valves.

Air Filter Service Kit



This is the service kit for the 232 and 300 Bar Personal Filter kits. Comes with activated charcoal, o-rings and filters.