

M A R T E C H S E R V I C E S

C O M P A N Y

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MODEL 50 ENCAPULATOR™

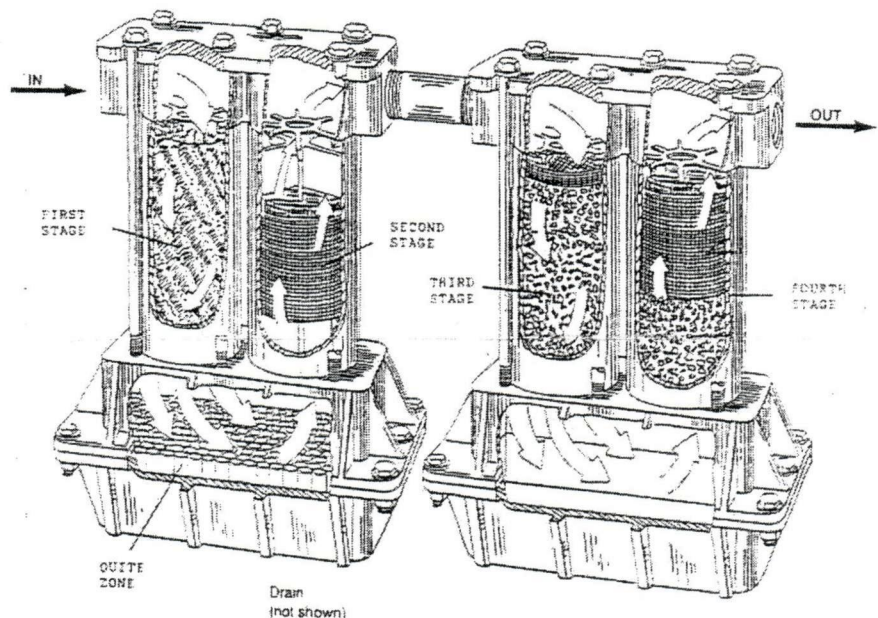
The Encapulator is a four stage high efficiency filtration system that removes oil aerosols, liquid water and contamination from compressed air lines. The first stage is a mesh type coalescer that will coalesce liquids for collection in the quite zone and expelling through the float drain. The second stage is a five micron depth filter that will prefilter the third and fourth stages. The third stage is a charcoal absorption element to absorb oil mists and vapors. The fourth stage contains two types of filtration media, activated charcoal and a co-knit cotton and stainless depth filter to ensure filtration to .01 microns.

PURPOSE: To effectively remove liquid water, contamination and oil mist - vapors that are present in a compressed air line, in preparation for providing breathable air.

FILTRATION:

Particles - 5 micron nominal
(at Stage Two)
Oil Aerosols - .01 micron
99.999%
(at Stage Four)

85810 First Stage Filter-Model-50
85820 Second Stage Filter-Model-50
85830 Third Stage Filter-Model-50
85840 Fourth Stage Filter-Model-50
85890 Best Buy Filter Package-Model-50
1-Stage One, 2-Stage Two
4-Stage Three, 4-Stage Four
85895 Basecore Honeycomb
85896 Base Manifold Gasket



RECOMMENDED FILTER CHANGES:

First Stage - Annual
Second Stage - Semi-Annual
Third Stage - Quarterly
Fourth Stage - Quarterly



WARNING: ALWAYS TURN OFF AIR SUPPLY AND BLEED AIR PRESSURE BEFORE DISASSEMBLY OF SYSTEM OR INJURY COULD RESULT.

TO REPLACE FILTERS:

- 1.) Turn off air and bleed air pressure.
- 2.) Loosen the bolts on the top of the manifold enough to allow the filters to move freely.
- 3.) Remove the corner bolt and slide out the old filters.
- 4.) If replacing only one filter within the manifold, install the new filter, and also replace the cap gaskets (provided) on the filter not being changed. Be certain the new filter(s) are installed with the arrow label pointing up.
- 5.) Replace the corner bolt and tighten to a torque limit of 25 inch pounds, in a crisscross sequence.
- 6.) Recheck for proper torque limit upon completion.