



General imsubs P. Ltd.

WATER / OIL / MIST SEPARATOR CUM AIR DRYER

Based on highly efficient two stage air filtration and drying system using the principle of Coalescent Filtering and Micro-Vortex Motion.



These filters require very little maintenance where stage 1st filter is replaced every 3 years and stage 2nd filter is replaced every 2 If these filters are installed nearer to application end point then condensation caused by further cooling of compressed air in piping can be avoided and optimum air performance can be obtained.

These filters do not reduced dew point temperature, hence user discretion is advised. With use of pre-filter, filtration efficiency of 100% is achieved for solid particles of 5 micron size and 80% for 1 micron.



FEATURES :

- Water/oil/mist separator cum air dryer eliminates 100% water in liquid phase.
- Air is termed as dry air as long as there is no water in liquid condition.
- Removes water/ oils from air in liquid condition far more superior than frls / comp Air filters and conventional moisture seperators
- Compact and lightweight, can be used in small space even. Easy to maintain As used media easy to clean and refit.
- No electricity used hence quick payback period.
- Low capital investment, as low as 25% of refrigerated dryers and dessicant dryers.
- Very low maintenance cost, replacement of 1st stage air treatment column after 3 years, 2nd stage air treatment column after 2 years.



APPLICATIONS

1. Cnc /vmc machines,
2. Powder coating plants,
3. Air op painting systems,
4. Spray painting,
5. Air operated spms/ machines, printing,
6. Food processing and packaging,
7. Water seperator or mist seperator application,
8. Protecting pneumatics from water
9. Air operated machines,
10. Printing machines.
11. Any point of use where dry air is +required.
12. Pneumatic tools,
13. Control valve automation
14. Precise leak test machines
15. Air operated sorting/ peeling machines



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