

SANPAR
Airing Solutions

SANPAR MOISTURE SEPARATOR

WHY MOISTURE SEPARATOR IS REQUIRED?

The compressor air coming out from an After cooler, contains larger quantities of condensed moisture as a result of cooling of the compressed air. If this is not removed, much of it will be carried to the distribution system and cause expensive damage to all the equipment and processes, which use the air.

SALIENT FEATURES OF SANPAR MOISTURE SEPARATOR

- ❑ No moving parts
- ❑ Very high Efficiency (more than 99%)
- ❑ Compact Design
- ❑ Maintenance-free
- ❑ Long life without replacements
- ❑ Manual drain and auto drain facility

WORKING PRINCIPLE OF A CENTRIFUGAL SEPARATOR


The moisture-laden air from the after cooler enters the separator; it is forced through a diffuser that spins the air around the separator's body. Droplets of water are made to impinge on the separator wall by centrifugal force and they get collected at the base of the separator by gravity.


At constant pressure drop of not more than 0.06bar, SANPAR moisture separator are the least energy consuming equipment solution. Both Aluminum die cast or carbon steel housing depends on the air flow rates.




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SANPAR MICROFILTERS PVT. LTD.

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