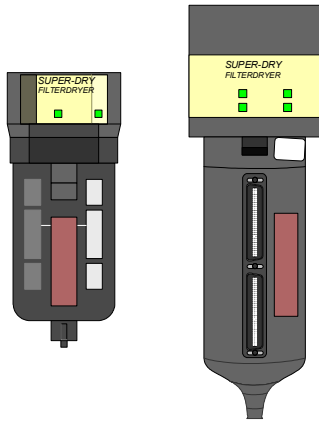




FD DESICCANT DRYER



DANGER !

Do not remove, repair, or replace any item on the dryer while it is under pressure. Depressurize the dryer completely before starting installation and/or maintenance procedures. Serious personal injury or death may result if these safety rules are not followed.

Do not remove bowl and/or retaining guard until air pressure is completely removed.

GENERAL INFORMATION

Applications:

This desiccant dryer will remove moisture from compressed air and protect air tools and processes.

Maximum pressure:

FD1/2: 130 PSI

FD1(MB) : 250 PSI

Installation:

- Super-Dry FD series desiccant dryers must be installed as close as possible to the point of use.
- If the desiccant dryer is installed too close from the compressor, moisture will be found downstream the dryer.
- If the unit is installed near a compressor, make sure that the inlet air temperature does not exceed 80°F.
- It is highly recommended to install a particulate filter (FC1/2 or FC1(MB)) before the desiccant dryer. The coalescer filter will prevent water, rust and oil from contaminating the desiccant (fig.1).

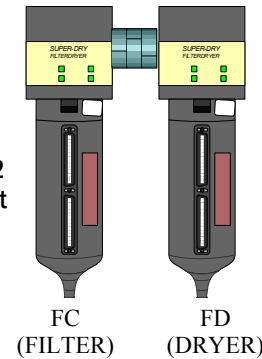


Fig. 1

Operation and Service:

- Super-Dry FD series desiccant dryers must be drained as often as possible to prevent water or moisture accumulation.
- The desiccant cartridge must be changed at least once a year.

Replacement cartridge:

FD1/2 : EFD1/2

FD1(MB) : EFD1

TROUBLESHOOTING

Decreased performance:

- Does your system have been properly installed?
- Is the dryer properly sized?
- Is the dryer regularly drained?
- Does the cartridge need to be replaced?
- High inlet temperature: Check the after cooler performance. Make sure that the after cooler was properly sized and installed, so the compressed air temperature does not exceed 80°F.
- High ambient temperature: Check the location of the dryer for changes in ambient temperature.
- Dryer overloaded: Check the flow through the dryer at peak usage periods. Did the flow requirements to the system increase lately?
- Air leakage from the cover (s): Check that the o-ring (s) is correctly placed in the cover's groove.



Water downstream of the dryer.

- Improper draining: The dryer may be flooded. The dryer must be drained regularly.
- The desiccant may be contaminated: the Super-Dry Air Dryer may be contaminated with compressor lubricant. Once desiccant beads are contaminated by oil or oil mist, it no longer absorbs moisture.



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