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Moduflex Dry Air System

Features and Benefits

Bulletin 0700-B4



ENGINEERING YOUR SUCCESS.

Moduflex Dry Air System

Features and Benefits

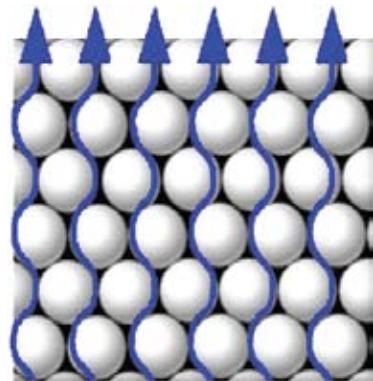
Point-Of-Use Clean Dry Air System

- High quality clean dry air in a compact design exactly where it is needed.
- Compact, simple and cost effective way of providing clean dry air at the point-of-use for critical applications.



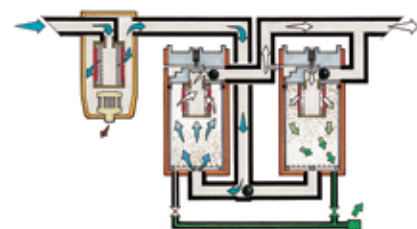
Factory Filled Desiccant Cartridge Using Snow Storm Filled Technique

- Pre-filled desiccant cartridge. No manual filling necessary. Desiccant cartridge is throw-away for quick and clean replacement.
- Desiccant is fully utilized throughout the cartridge, thus allowing for maximum effectiveness.
- Performance is optimized using high performance DRYFIL® MS desiccant as standard.
- No attrition / breakdown with low pressure drop due to compact filling method.
- Air flow is evenly distributed over each bead, ensuring high quality clean dry air over a longer period of time.



Pressure Swing Adsorption (PSA) Method

- Extends the working life of the dryer by regenerating the desiccant towers.
- Allows for maintenance free operation of dry air for vastly longer periods than manual desiccant dryers.



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Combination Desiccant Cartridge With Integral 1 Micron After Filter

- Built in filtration prevents any desiccant dust from entering downstream air.
- Built in filtration eliminates need for additional external filter installation.
- Provides dedicated filtration per cartridge, while optimizing space.



Integral 0.01 Micron Inlet Filter

- Removes liquid and particulate contamination from the airstream before entering the desiccant cartridges.
- Built in filtration eliminates need for additional external filter installation.



Electronic Controls

- A simple traffic light system to signal service status (red, yellow, & green).
- Audible alarm when dryer requires desiccant cartridges change, thus taking guess work out of service intervals.
- Memory recall capability on power cut / failure, which safely returns the dryer to the position in its cycle prior to the interruption occurring.
- Standard IP66 / NEMA4 protection.



Moduflex Dry Air System

Features and Benefits

Multiple Air Connection Ports

- Top inlet and outlet porting arrangement enables user flexibility with installation space and design.
- Flexibility reduces the total installation and commissioning time.



Multiple Mounting Options

- Dryer can be surface mounted; wall mounted (fixed) or wall mounted with 45° tilt bracket.
- Flexibility reduces the total installation and commissioning time.



Dryer Maintenance

- Complete easy to use service kit can be changed in less than 15 minutes, thus ensuring production downtime is kept to a minimum.
- All components needed for 100% service are supplied in one 12,000 hour kit (only part that changes is the cartridge length).
- Throw-away desiccant cartridge for quick and clean replacement.



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