



MP Series | Compact Heatless Regenerative Air Dryer

Point-of-Use Drying

The Pure-Aire MP Series is robust yet easy to maintain, highly efficient, and delivers low dew points. The MP Series raises the bar of typical regenerative desiccant dryers by delivering high quality air without the costs and prohibitive high energy consumption, huge initial capital investment, or expensive service calls. The MP Series modular design fits any situation and is the perfect solution for point-of-use at highly critical applications.

Benefits and Standard Features

- ✓ Low Dew Points to -40°F (-40°C)
 - Avoid Expensive Downtime
 - Eliminate Re-Work/Scrap
- ✓ Typically Requires < 10% Purge Air
 - Reduce Operating Costs
- ✓ Simple, Easy Maintenance
 - Quickly Spin Off Desiccant Cartridges
 - No Damaging Desiccant Dust with the MP Series Cartridge Design
- ✓ Robust Construction is Outdoor Capable with Heater Option
 - No Freeze-Up Related Downtime
 - No Frequent Cleaning of Debris to Maintain Performance
 - Remote Locations (No Electric)



Additional Smart Valve Features

Introducing the New Smart Valve with Bluetooth LE Technology Model

Drive down dew points and energy consumption further with the MP Smart Valve model that synchronizes the dryer to the compressor. Use the Smart Valve App to select the operating parameters that best meet your needs.

The Smart Valve App provides the information you need to make smarter maintenance choices by sending service alerts and tracking maintenance work.



Match Dryer to Compressor Cycles

Further reduce energy use and operating costs.

Smart Cycling

Via Bluetooth, select the smart cycle that further reduces dew points and energy consumption.

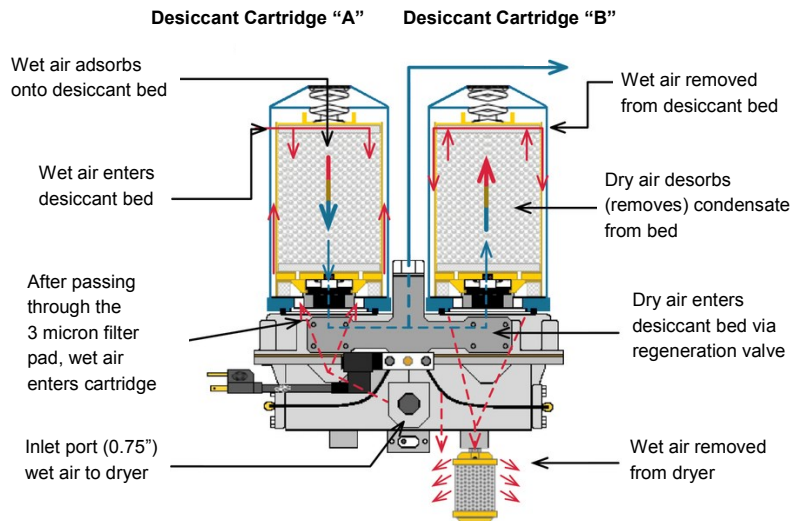
Bluetooth App Sends Service Alerts

Maximize service life without risk of exposing equipment to damaging contaminants.

Technical Specifications

Model	Flow Rate (scfm) at -40°F PDP	Flow Rate (scfm) at +4°F PDP	Flow Rate (scfm) at +30°F PDP	HP	In/Out	Dimensions (Inches)			# of Dryers	Weight (lbs.)
						L	W	H		
MP-10	4	7	10	3	3/4" NPT	14	12	24	1	42
MP-30	12	17	26	7.5	3/4" NPT	14	12	24	1	46
MP-40	17	26	40	10	3/4" NPT	14	12	24	1	46
MP-80	34	52	80	20	1 1/2" NPT	36	11	24	2	120
MP-120	51	78	120	30	1 1/2" NPT	54	11	24	3	170
MP-200	85	130	200	50	1 1/2" NPT	54	11	24	3	170

Notes:
 MP dryers equipped standard with separator, internal 3 micron pre-filters and 10 micron post-filters.
 Operating pressure for 10 scfm = 90-130 psig; all other MP models = 90-190 psig.
 Multiple unit MP drying systems include all necessary dryer manifolds and wall mount struts.



Contact Us

1-800-274-3233

sales@pure-aire.com

www.pure-aire.com