

FARRGOON



Membrane
Compressed
air dryer

FSM Series

Membrane compressed air dryer

The membrane compressed air dryers **FARGON** FSF series line are ideal for use in small points of use or consumption points. Compact, lightweight and easy to install are the perfect option to get dry air in applications that require dry air with economy.

Advantages

- Provides dry air dry (free of water vapor)
- No moving parts
- Dew point between 10 to 40°C below of ambient temperature
- No power, refrigerant or adsorption material
- Low pressure drop
- Maintenance-free with the use of appropriate pre-filters
- Lightweight and compact, built in anodized aluminum
- Membrane of last generation, with polymeric materials
- Mounting: vertical or horizontal
- Low pressure drop, low consumption of compressed air for regeneration membrane

Pre-filtration

- For an optimal functioning of the WSF dryer, we recommend the use of input filters:
Pre-filter to remove particulates, oil and condensed water to 1 micron / 1 ppm
Coalescing filter to remove fine particulates, oil and water to 0.01 micron / ppm 0.008

The correct use and maintenance of inlet filters ensure the removal of contaminants harmful to the membrane, thus ensuring an efficient drying and high durability for the system.



SELECTION TABLE

Model	Flow rate at 7 bar pressure scfm		Regeneration compressed air consumption	Basic dimensions (mm)		Inlet/Outlet Conections	Weight Kg
	Redução PO 10°C	Redução PO 40°C		Ø D	H		
FSM-0002	2	0,6	10%	30	410	¼" Threaded	0,4
FSM-0005	5	1,4	12%	45	460	¼" Threaded	0,8
FSM-0010	10	3	12%	45	490	¼" Threaded	0,85
FSM-0020	20	8	11%	64	535	½" Threaded	1,5
FSM-0030	30	10	11%	64	660	½" Threaded	1,8

Reference conditions:
Inlet air temperature input 38 ° C
Maximum operating pressure 10 bar (150 psi)

obs : The flow rates of the above table refer to the pressure of 7 bar. For other pressures multiply flow table by the correction factor below:

Pressure (bar)	3,5	5	7	8,5	10
Correction Factor	0,375	0,625	1	1,38	1,63

