

Membrane Air Dryers

Features:

- Easy Installation
- Compact and Lightweight
- No Power Supply Required
- Quiet Continuous Operation
- No Moving Parts
- Maintenance Free
- Environmentally Friendly
- No Refrigerants Used
- No Desiccants Used

Twin Tower Engineering offers membrane air dryers that use hollow fibers composed of a macro molecular membrane through which moisture passes easily, but does not allow air (oxygen and nitrogen) to pass through. With flow capacities up to 1000 L/m. Standard units are sized to provide a +40°F pressure dew point.



**TWIN TOWER
ENGINEERING INC.**

filters, dryers, desiccant, gas separation, membrane
800.700.8537

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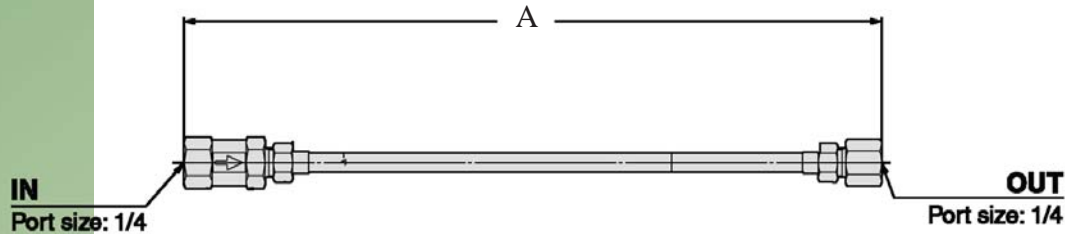
Distributed by: Air & Vacuum Process, Inc.
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Flexible Piping Type

Flows 10 to 30 SLPM

Model	Port Size		Dimensions		Flow
	NPT		A		l/m Out
TMF-10-2	1/4"		18.8"		10
TMF-30-2	1/4"		11.6"		30

This one-of-a-kind membrane dryer is used in low air flow applications where space is at a premium. The dryer is flexible and can be bent to go through tight spaces between other components.

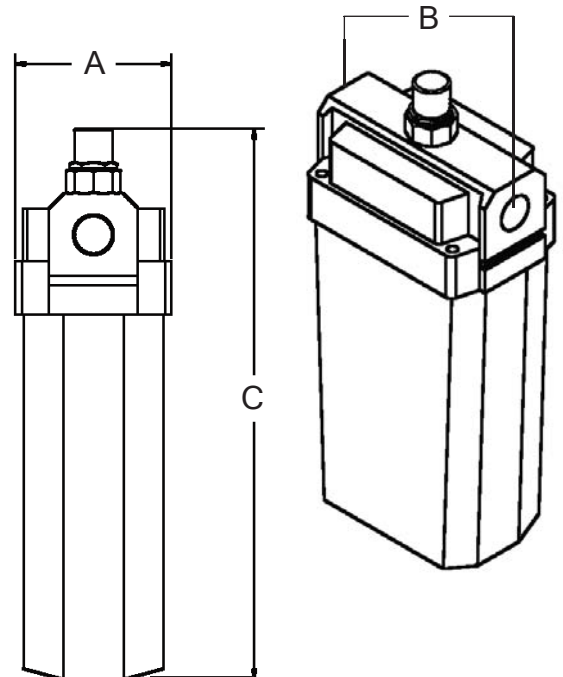


Cassette Type

Flows 10 to 200 SLPM

Model	Port Size		Dimensions			Flow	Bracket
	NPT		A	B	C	l/m Out	
TMC-10-M5	M5		.6"	1.4	3.0"	10	N/A
TMC-25-2	1/4"		1.5"	2.9	5.5"	25	TBM59
TMC-50-2	1/4"		1.5"	2.9	5.5"	50	TBM59
TMC-100-2S	1/4"		2"	3.3	7.4"	100	TBM61
TMC-125-2	1/4"		1.6"	2.8	5.9"	125	INC
TMC-200-3S	3/8"		2.1"	3.3	8.3"	200	TBM63

Our cassette and flexible type dryers are especially well suited for installation in the tight spaces inside OEM machines. The dryers require no electrical hook up and are very lightweight and compact in design. Uniquely shaped and available in six models. Our cassette type membrane dryers can fit in most tight spaces.



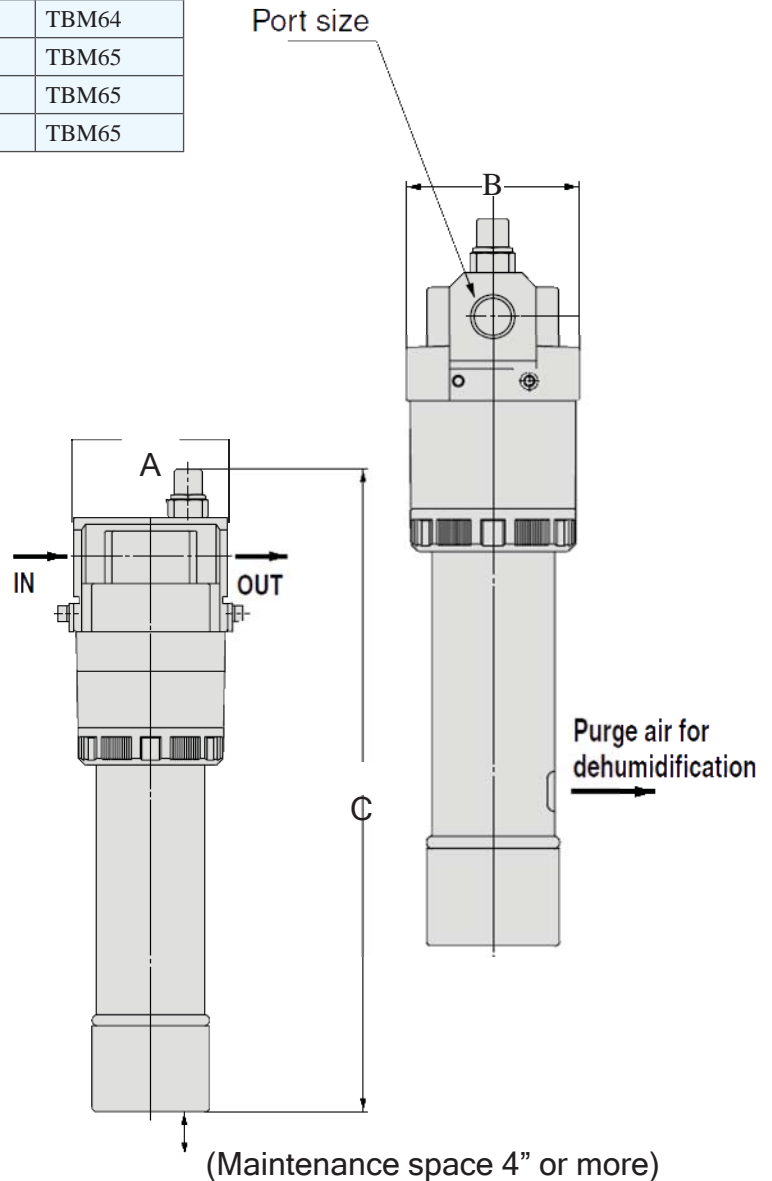
Models TMC-100-2S and TMC-200-3S are standard with color change moisture indicators to give a visual indication of dryer performance.

Vertical Type

Flows 300 to 1000 SLPM

Model	Port Size	Dimensions			Flow	Bracket
	NPT	A	B	C	l/m Out	
TMV-300-3S	3/8"	4"	2.8	12"	300	TBM64
TMV-500-3S	3/8"	4"	2.8	12"	500	TBM64
TMV-600-4S	1/2"	3.5"	3.3	14"	600	TBM65
TMV-750-4S	1/2"	3.5"	3.3	14"	750	TBM65
TMV-1000-4S	1/2"	3.5"	3.3	14"	1000	TBM65

There are five models in the long vertical type membrane air dryers. These dryers are used in applications with higher flow requirements. No heat is created in the drying process and this helps where sensitive instruments require a stable temperature. All models are standard with moisture indicators to give a visual indication of dryer performance.



To protect the membrane dryer from contaminants, we suggest using a pre-filter .01 micron coalescing filter to remove any oil and particles in the inlet air. The pre-filter must be installed on the inlet side of the dryer.



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For additional information please go to our Web site @

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