

Laboratory Membrane Air Dryers

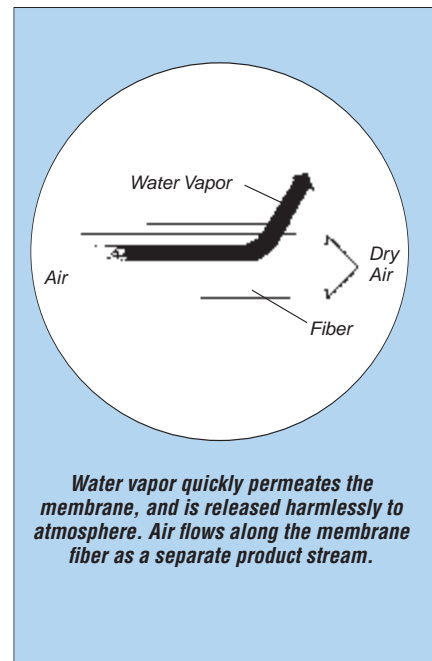
Model 64-02

AIR DRYERS

Description: The Airgas® 64-01, 64-02 and 64-10 Membrane Air Dryers will supply oil and particulate free dry compressed air to atmospheric dewpoints as low as -40°F (-40°C), and at flow rates of up to 25 SCFM. Airgas® Membrane Air Dryers are engineered for easy installation, operation, and long term reliability. The dryers incorporate the highest efficiency membrane available, offering low cost operation and minimal maintenance.

Airgas® Membrane Air Dryers are designed to operate continuously, 24 hours per day, 7 days per week. The only maintenance required is changing the prefilter cartridge once each year. This annual maintenance takes approximately 5 minutes.

The dryers are lightweight, compact, and can be easily installed on an existing air line. In a vertical or horizontal orientation (depending upon model), a high efficiency coalescing prefilter is installed directly upstream from the dryer module to protect the membrane from potential contamination caused by pipe scale, liquids, or other solids. Airgas® Membrane Air Dryers require no electrical connections, making them ideal for remote and point-of-use installations or for installation in hazardous areas.



Design Features

- Low dewpoint instrument air - prevents analytical instrument contamination
- Dry air for hazardous areas
- No electricity required - low operating costs
- No refrigerants or freons - environmentally sound
- Explosion proof
- No moving parts or motors - silent operation

AIR DRYERS

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Laboratory Membrane Air Dryers Cont.

Principal Specifications			
Membrane Air Dryers	Model	At -40°F Dewpoint (-40°C)	At 32°F Dewpoint (0°C)
Max. Flow Rate (1)	Y80-6401	28 LPM	71 LPM
	Y80-6402	57 LPM	142 LPM
	Y80-6410	283 LPM	708 LPM
Min/Max Inlet Air Temp. (2)		40°F/140°F (4°C/60°C)	
Recommended Operating Temp. Range		60°F-100°F (16°C-38°C)	
Min/Max Inlet Pressure		60 psig/150 psig	
Maximum Pressure Drop		<4 psig	
Wall Mountable		Yes	
Inlet/Outlet Port Size	Y80-6401	1/4" NPT (female)	
	Y80-6402	1/4" NPT (female)	
	Y80-6410	1/2" NPT (female)	
Electrical Requirements	None		
Shipping Weight	Y80-6401	9 lbs. (4 kg)	
	Y80-6402	10 lbs. (5 kg)	
	Y80-6410	18 lbs. (9 kg)	
Dimensions	Y80-6401	6"w x 22"h x 5"d (15cm x 57cm x 13cm)	
	Y80-6402	6"w x 23"h x 5"d (15cm x 112cm x 13cm)	
	Y80-6410	6"w x 37"h x 5"d (15cm x 93cm x 13cm)	

Notes:

- 1 Dewpoint specified with inlet air at 100°F (38°C) saturated at 100 psig.
 2 Inlet compressed air dewpoint must not exceed the ambient air temperature.

Ordering Information for assistance, call 1-800-939-5711, 8 to 5 Eastern Time

Model Number	Description
64-01, 64-02, 64-10	Airgas® Membrane Dryer
64-01 MK7601	Annual Maintenance Kit
64-02 MK7601	
64-10 MK7610	
64-01 IK7572	Installation Kit
64-02 IK7572	
64-10 IK75880	
All 72-130-V883	Pressure Regulator
64-01 64-01-PM	Preventative Maintenance Plan
64-02 64-02-PM	
64-10 64-10-PM	
64-01 64-01-DN2	Extended Support with 24 Month Warranty
64-02 64-02-DN2	
64-10 64-10-DN2	