

Membrane Air Dryers

for Analytical Instruments

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ADVANCED APPLIED TECHNOLOGIES

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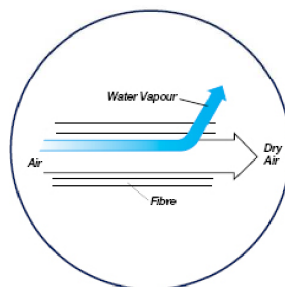


Dry Air on Demand, up to 1,203 lpm

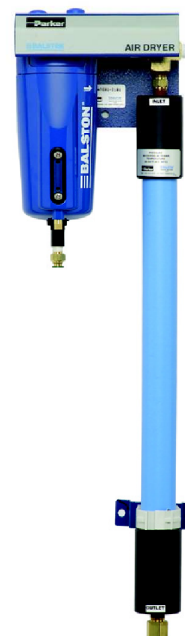
The Parker Balston membrane air dryers are a complete system with carefully matched components engineered for easy installation, operation and long term reliability. They are engineered to transform standard compressed air into a safe supply of dry (up to -40°C) air with minimal operator attention.

With flow rates up to 1,203 lpm and pressure up to 9.6 bar, they make an ideal alternative to cylinders for any analytical instruments or laboratory house supply.

With no electrical requirements and no moving parts they are also designed for installation in explosive environments and for process analysers.



Water vapour quickly permeates the membrane and is released harmlessly to atmosphere. Air flows along the membrane fibre as a separate product stream.



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Product Features:

- Produces a continuous supply of ultra dry -40°C dew point instrument air
- Designed to run 24 hours a day
- Compact, reliable and minimal maintenance
- Intrinsically safe for hazardous explosive environments
- No noise, no moving parts, no electrical requirements
- No refrigerants on Freons - environmentally friendly

 **BALSTON**
Analytical Gas Systems

ENGINEERING YOUR SUCCESS.

Dry air is produced by utilising a combination of filtration and membrane separation technologies.

Patented propriety hollow fibre membranes then separate the moisture to leave ultra dry air.

There are 1000's systems using Parker Balston membrane technology installed worldwide.

A supply of compressed air is filtered by high efficiency coalescing filters to remove all contaminants down to 0.01 micron.

Membrane technology offers some unique performance benefits including silent operation, no moving parts and no electrical requirements.

Principal Specification

Model	64-01	64-02	64-10
Dew Point	Up to -40°C	Up to -40°C	Up to -40°C
Flow Rates	See Table	See Table	See Table
Inlet Pressure	4.1 to 10.3 bar	4.1 to 10.3 bar	4.1 to 10.3 bar
Inlet/Outlet Connection	1/4" NPT (Female)	1/4" NPT (Female)	1/2" NPT (Female)
Ambient Temperature	10 to 35°C	10 to 35°C	10 to 35°C
Electrical Requirements	Not Required	Not Required	Not Required
Power Consumption	N/A	N/A	N/A
Dimensions (H x W x D)	570 x 150 x 130 mm	570 x 150 x 130 mm	930 x 150 x 130 mm
Weight (Shipping)	3 Kg (4)	4 Kg (5)	7 Kg (9)

Flow Rates lpm

Pressure	4 bar		5.5 bar		7 bar		8.3 bar		9.6 bar	
	-40°C	0°C	-40°C	0°C	-40°C	0°C	-40°C	0°C	-40°C	0°C
Model 64-01	9	24	16	35	28	71	35	83	47	113
Model 64-02	13	52	30	80	57	142	80	193	125	307
Model 64-10	54	321	142	425	283	708	403	1014	517	1203

Ordering Information

Description	Model Number
Membrane Air Dryer up to 113 lpm	64-01
Membrane Air Dryer up to 307 lpm	64-02
Membrane Air Dryer up to 1,203 lpm	64-10
Installation Kit for 64-01 and 64-02	IK7572
Installation Kit for 64-10	IK75880

Maintenance Items	Model Number	Change Frequency
Annual Maintenance Kit for 64-01 and 64-02	MK7601	12 Months
Annual Maintenance Kit for 64-10	MK7610	12 Months