

Content Template

Products - Compressed Air Dryers

Balston Membrane and PSA Dryers provide clean, dry compressed air to process instrumentation

PSA dryers offer dewpoints as low as -100°F (-73° C)

Membrane dryers offer dewpoints to -40°F (-40°C)

The SMART Dryer Membrane Air Dryers offer dewpoints to 35°F (2°C) with unique energy saving technology

Unattended 24 hour operation

Balston Membrane Air Dryers are explosion-proof and require no electricity

Silent operation, easy to operate and maintain



Balston Membrane Air Dryers

Utilize innovative membrane technology to provide clean, dry, compressed air at dewpoints to -40°F (-40°C). This high efficiency, durable technology is quickly becoming the standard for drying compressed air. Balston Membrane Air Dryers require no electricity and contain no refrigerants or freons, making them environmentally sound.

Balston SMART Dryer™ Membrane Air Dryers

Utilize membrane technology to supply clean, dry, compressed air with a constant dewpoint of 35°F (2°C). The SMART Dryer™ utilizes sophisticated technology to monitor the air consumption and automatically adjusts the regenerative sweep flow as required. The variable sweep system results in significant energy savings and low operating costs. The new SMART Dryer™ is shipped complete with prefilters, differential pressure indicator and automatic drains.

Balston PSA Compressed Air Dryers

Utilize pressure swing absorption technology to provide clean, dry compressed air at dewpoints as low as -100°F (-73°C). Each dryer is delivered complete and ready for easy installation. Standard features include: integral oil removal filters, automatic drains, particulate afterfilter, moisture indicator, and pretested controls.

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Products - Compressed Air Dryers

Applications

Flow Rates for assistance, call 1-800-343-4048 EST

Instrument air for calibration
of sensitive equipment

Model #

Flow Rate (SCFH) 100 psig

Membrane Air Dryers

Pneumatic equipment

76-01 1

76-02 2

Electronic equipment blow-off air

76-10 10

76-20 20

Prevention of freeze-ups

76-40 40

Pressurizing electrical cabinets

IT Series Membrane Dryers

IT0010-35 1

Provide clean air for laser operation

IT0030-35 3

IT0080-35 8

General plant compressed air

IT0150-35 15

IT0250-3560 25

Process controls

IT0250-3500 N/A*

IT0500-3560 50

HVAC systems

IT0500-3500 N/A*

IT01000-3560 100

Instrument cabinets

IT01000-3500 N/A*

CNC/CMM machinery

SMART Dryer™ Membrane Dryers

SMRT5100 100

Fire and sprinkler systems

SMRT5200 200

Pneumatic control

PSA Compressed Air Dryers

s

75-20 10

Dry air for hazardous areas

*Flow rate at 101-150 psig

Chemical blanketing and packaging

Model IT0250-3500: 25

Model IT0500-3500: 50

Electronics/dry boxes

Model IT1000-3500: 100



® Parker Hannifin Corporation
Filtration and Separation Division
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