

DDS Series Desiccant Dryers



***World-Class
Regenerative Drying Systems
For Compressed Air***

unipipe®
ALUMINUM PIPING SYSTEM

Features & Benefits

DDS Desiccant Dryer Series

Regenerative Drying Systems For Compressed Air

Whether supplying air to your entire operation or isolating a specific tool or application, PneuTech's DDS series of regenerative dryers provide a world class level of air cleanliness at an affordable price.

Our 20, 40, and 80 CFM dryers are designed as complete packages and include inline pre-filtration to remove bulk liquids, fine particulates, and oils.

PneuTech offers premium air filtration and drying equipment designed to assist customers in obtaining clean, dry air for their specific application needs.



DDS-20-116
20 CFM System
with Pre-Filtration

DDS-40-116
40 CFM System
with Pre-Filtration

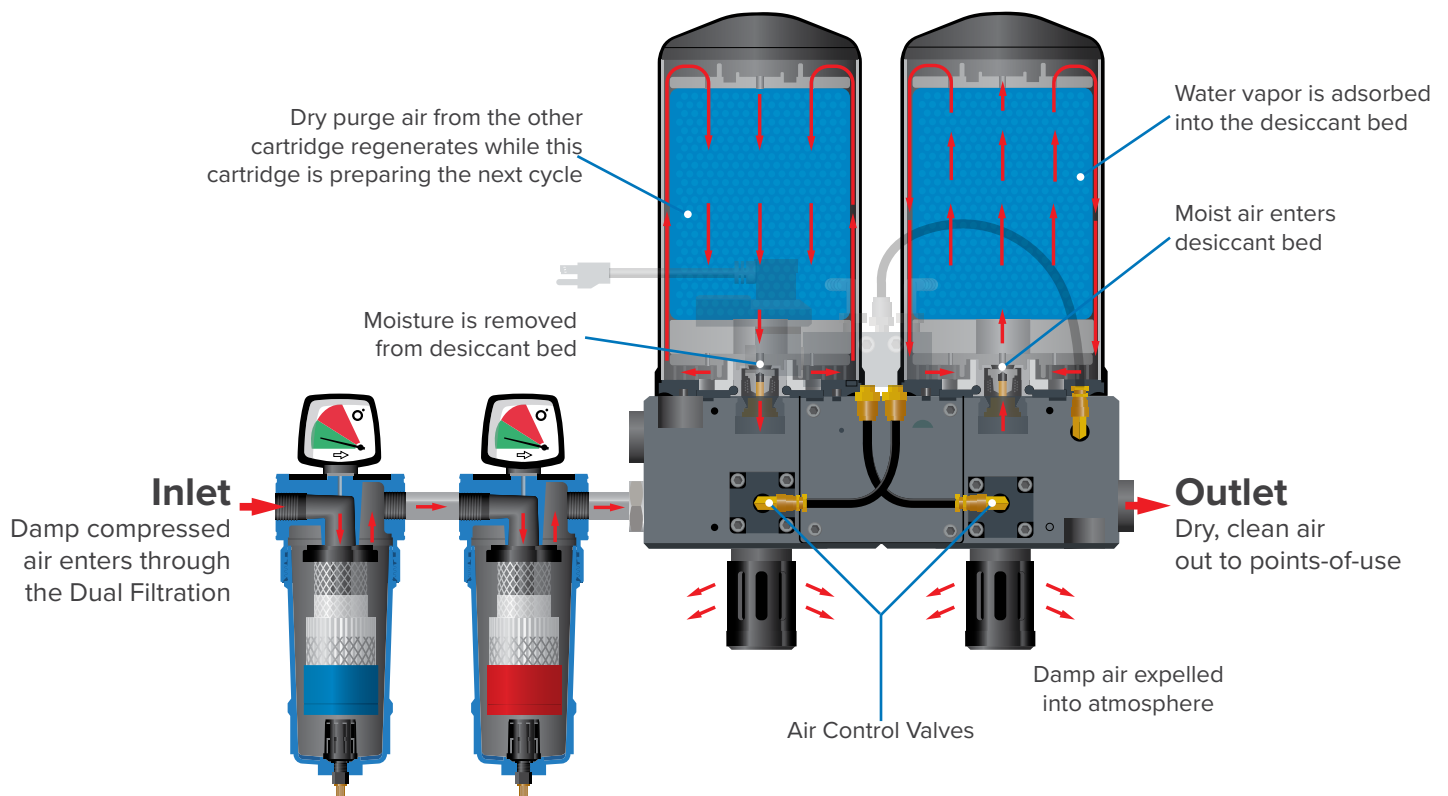


DDS-80-116
80 CFM System
with Pre-Filtration

Pre-Filtration Included

- 1st Stage Utility Grade Coalescing Filter
- 2nd Stage High Efficiency Coalescing Filter

How It Works



Features & Benefits

- Compact, Lightweight Design
- Dew Points Down to -80°F
- Relative Humidity Down to .01% RH
- 2-stage Pre-filtration Included
Utility Grade & High Efficiency
- Molecular Sieve Desiccant
- Solenoid Valve Timer
- Automatic Drains
- Purge Exhaust Mufflers
- Wall Mounting Brackets Included
- Heater Pads Available
(for cold temp applications)
- Min/Max Air Inlet Temperature: 35°/150°F
- Min/Max Operating Pressure: 80/175 PSI
- Power Requirement: 120V
- Easy, Low-Cost Maintenance
(under \$100/year average)

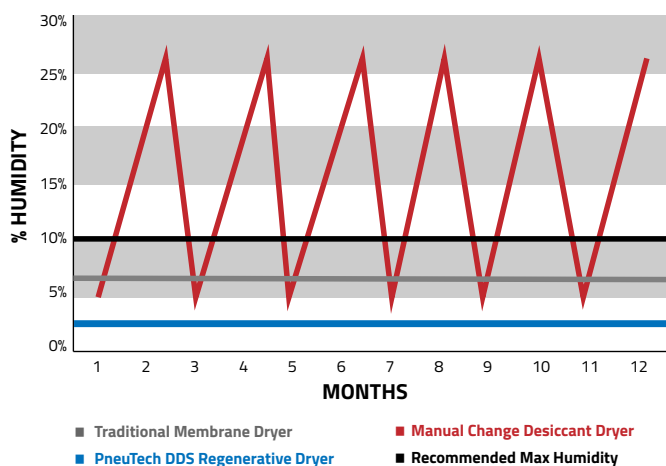
1st Stage - Utility Grade Coalescing Filter

- General compressed air filtration
- 99.999% Efficiency
- Particulate removal down to 1 Micron
- Max oil carryover 0.4 PPM w/w
- Nominal Pressure Drop 0.75 PSID
- ISO 8573 (Class 2)

2nd Stage - High Efficiency Coalescing Filter

- High quality compressed air filtration
- 99.999% Efficiency
- Particle Removal down to 0.01 Micron
- Max oil carryover 0.008 PPM w/w
- Nominal pressure drop 0.5 PSID
- ISO 8573 (Class 1)

Automatic Regeneration Maintains Low Humidity



1-Year Pneu-Assure Warranty

Industry-Leading Peace-of-Mind

Includes Parts & Labor

Warranty subject to change based on region and distributor's agreement.

- ✓ **1-Year Warranty on the Entire Unit**
Regular maintenance NOT included

- ✓ **Guaranteed Support**
From Your Certified Distributor

- ✓ **Technical Expertise**
Industry-leading knowledge & experience

Models & Specifications

Model #	# of Towers	Max CFM	Compressor	Orifice	CFM	NPT Inlet/ Outlet (HWD) Size	Weight	Dimensions Regeneration
DDS-20-116	2	20	5HP	.018	1	1/2"/1/2"	20 lbs	25" x 17" x 12"
DDS-40-116	2	40	10HP	.030	2.2	1/2"/1"	60 lbs	27" x 21" x 12"
DDS-80-116	4	80	20HP	.030	4.4	3/4"/1"	112 lbs	30" x 42" x 12"

Cycle Time: 2 minutes Tower Drying Time: 2 Minutes

*Dryer flow rates based on 100°F at 175 PSI an outlet pressure of 100 PSI.

(Minimum inlet pressure 80 PSI Lower inlet pressure and higher temperatures affect the performance and quality of the downstream air)

The Best Piping System on the Market

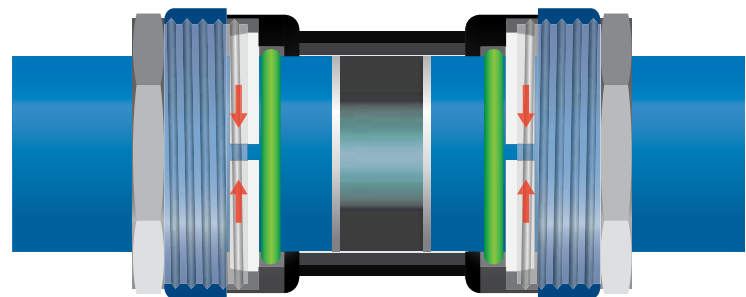
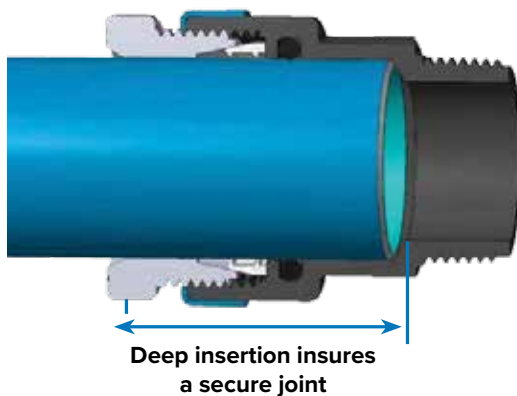
Compressed Air | Nitrogen & Inert Gases | Vacuum | High-Pressure | Oil & Fluids

13 Pipe Sizes from 3/4" to 10"

No Crimping, Grooving or Special Tools
Pressures up to 1015 PSI • Exceptionally Secure Joints

Dynamic Gripping Action ensures the pipe cannot separate from the fittings.

Check out the Assembly Video



Fewer Hangers = Faster Installs
Unipipe only requires (2) hangers per stick

Five Options, Many Applications



unipipe®

ALUMINUM PIPING SYSTEM

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