

PRODUCT

# CATALOG

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[www.super-dry.com](http://www.super-dry.com)



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# D Series

## Compressed Air Dryers



- UP TO 300 SCFM
- POINT OF USE DRYERS
- SUPPLEMENT TO A CENTRAL SYSTEM
- ZERO AIR LOSS

LIFE EXPECTANCY  
**25**  
YEARS

SUPER-DRY  
**10**  
YEAR WARRANTY

### Applications

- | Sand Blasting | Paint Spraying | Dust Collectors | Foam Spray |
- | Air Welders | Plasma Cutting | Air Tools | Packing Equipment |

# D Series

## How It Works



Super-Dry Compressed Air Dryers contains two highly efficient polypropylene coalescer elements at inlet & outlet ports to absorb oil and all solid air particles. Also included, one desiccant bag specifically designed to absorb water vapors and humidity from your compressed air system.

### Housings for Flows up to 300 SCFM

- » Heavy duty aluminum casting for high durability and corrosion resistance
- » Powder coated exterior for added durability
- » Special V-band stainless steel clamps permit easy removal of covers for cartridge replacement
- » Optimized air flow through housing minimizes pressure drop
- » Wall mounting brackets included
- » 3 stages in one unit: separation, filtration and drying

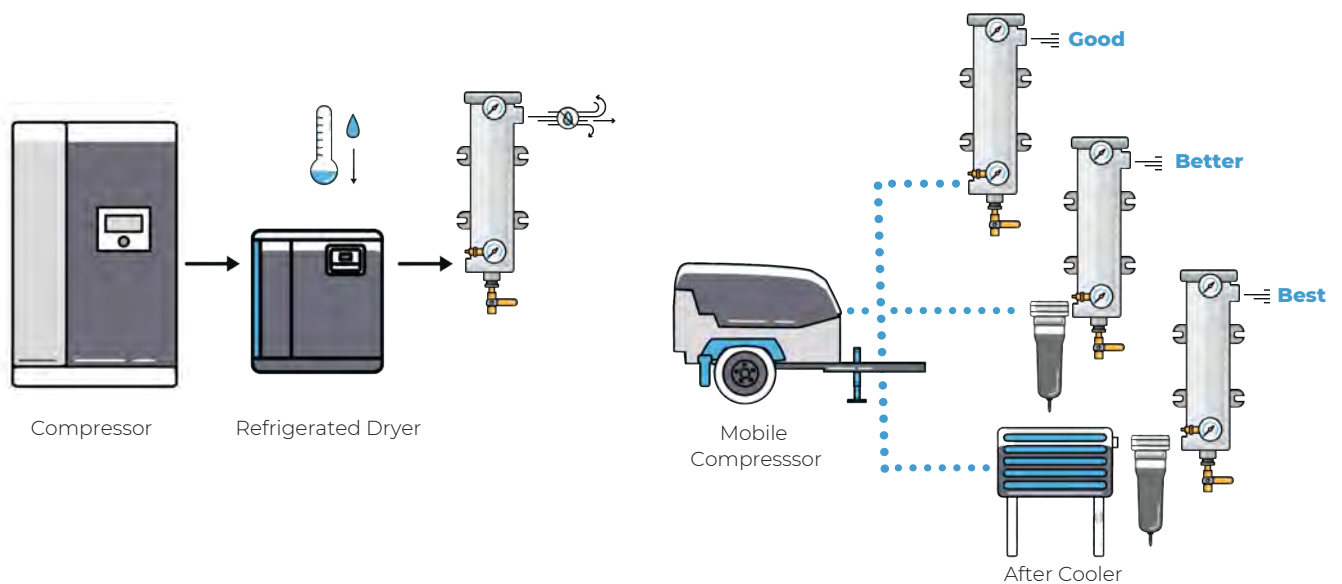
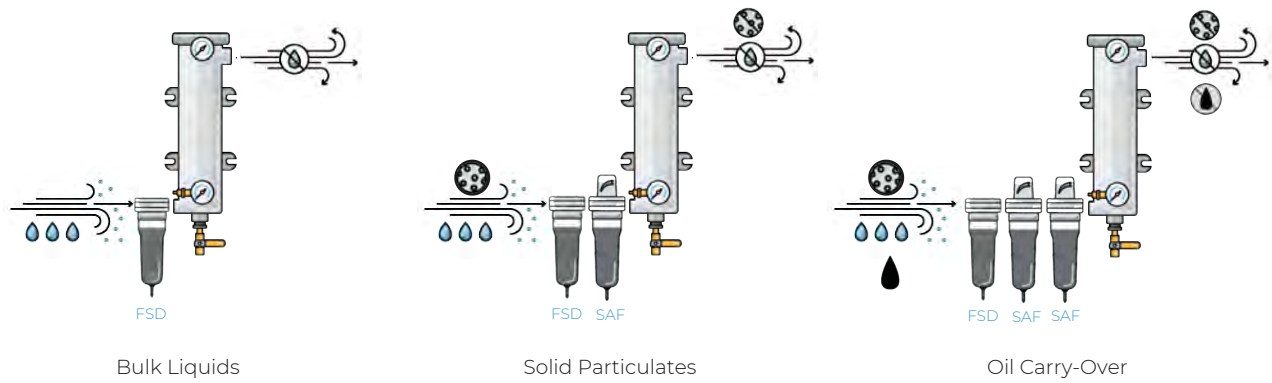
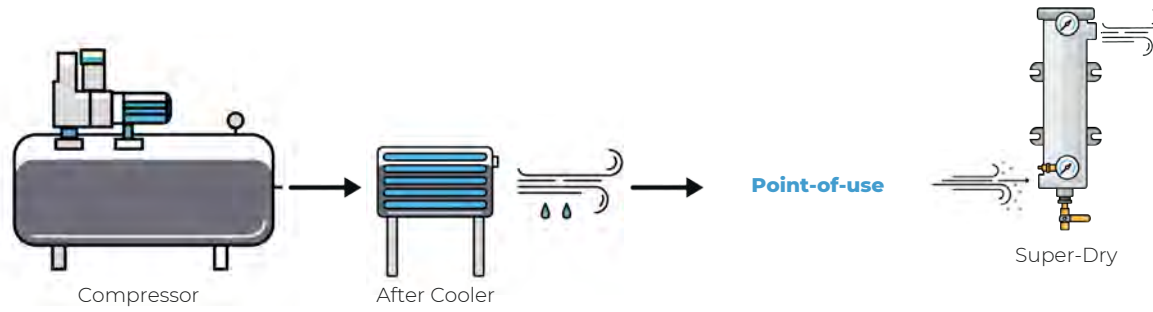
### Enhanced Performance

- » Easy replaceable self-contained desiccant cartridges
- » High efficiency polypropylene coalescent elements
- » Optimum filter efficiency even at low air flows
- » 10 year warranty
- » Life expectancy: 25 years
- » Pressure dew point: - 40° F\*
- » Max. working pressure: 150 PSIG

\*The Super-Dry D Series is a non-regenerative point-of-use air dryer. It will not provide a stable dew point for continuous operations. It is not a replacement for a twin tower air dryer.

# D Series

## Typical Configurations





### 1 Temperature and Moisture Indicator

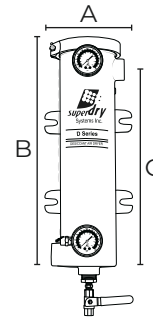
- » Indicates optimum cartridge replacement based on % relative humidity

### 2 Automatic Timer Drain

- » Efficient drainage of condensate
- » Extends the cartridge life of the dryer

### 3 Water Separator

- » Pre-Filtration of D series Air Dryer



## Specifications and ordering information:

Housing	Air flow 100 psig scfm	Inlet/ Outlet NPT in	Dimensions (in)			Replacement kit	Weight (lbs)
			A	B	C		
D-1	70	1	6	19	17 ½	ED-1	20
D-2	150	1 ½	9	20	18	ED-2	40
D-3	200	2	9	33	30	ED-3	75
D-4	300	3	11	33	29 ½	ED-4	100

Maximum inlet temperature: 100°F (38°F) Maximum inlet pressure: 150 psig



# ATD Series In-Line Dryers



**XL MODEL**



- ▶ EXTENDS THE LIFE OF YOUR AIR-OPERATED EQUIPMENT
- ▶ PREVENTS AIR TOOLS FROM FREEZING WHEN WORKING IN A COLD ENVIRONMENT
- ▶ REDUCES AIR TOOLS MAINTENANCE COSTS
- ▶ ELIMINATE PRODUCTION DOWN TIME



**SILICA ELEMENT (XL)**



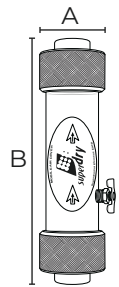
**EATD**



**ATD-FX**

## Description

Water vapor in the compressed air lines is the leading cause of paint imperfections and damages to pneumatic tools. Typical compressed air is saturated with 100% relative humidity. That means the compressed air is carrying a lot of moisture vapor when it goes into your paint gun or other air tools.



## Specifications and ordering information:

Housing	Air flow 100 psig scfm	Inlet/ Outlet NPT in	Dimensions (in)		Replacement kit	Fixing Clip	Weight (lbs)
			A	B			
ATD- 1/4	22	¼	2 ⅝	10 ⅛	EATD	ADT-FX	2.5
ATD- 1/2	44	½	3 ⅝	10 ⅛	EATD	ADT-FX	2.5
ATD- 1/2-CL	44	½	3 ⅝	10 ¾	EATD-CL	ADT-FX	4.2
ATD- 1/4-XL	25	¼	3 ⅝	14	EATD-XL	included	6

# FSD Series

## Water Separators



- UP TO 515 SCFM
- HEAVY DUTY HOUSING FOR HIGH DURABILITY
- ZERO AIR LOSS FLOAT DRAIN INCLUDED
- EXCELLENT LIQUID REMOVAL EFFICIENCIES AT ALL FLOW CONDITIONS



**AUTO DRAIN OPTION**



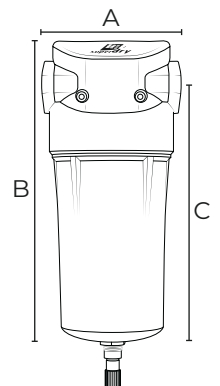
**DEFLECTOR**

### Description

Super-Dry Water Separators have been designed for the efficient removal of bulk liquid contamination from compressed air.

### Specifications and ordering information:

Housing	Air flow 100 psig scfm	Inlet/ Outlet NPT in	Dimensions (in)			Weight (lbs)
			A	B	C	
FSD- 45-W	45	½	3.75	8	6.75	2
FSD- 85-W	100	¾	3.75	10.5	9.5	2.2
FSD- 185-W	180	1	5	12	10.25	5
FSD- 375-W	370	1 ½	5	15	13.5	6
FSD- 515-W	515	2	6.75	20	18	14.5



Maximum inlet temperature: 176°F (80°F) Maximum inlet pressure: 232 psig



# SAF Series

## Compressed Air Filters



- » GENERAL PURPOSE
- » HIGH EFFICIENCY
- » ACTIVATED CARBON



**GRADE "X"**  
**- PARTICULATE**



**GRADE "Y"**  
**- OIL FREE**

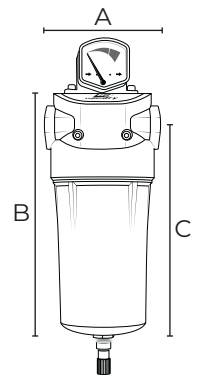


**GRADE "Z"**  
**- ODOR & TASTE**

- » Solid Particles: 1.0 micron
- » Pressure Drop: 0.44 psi
- » Oil Carry-Over: 0.5 ppm
- » Solid Particles: 0.01 micron
- » Pressure Drop: 1.74 psi
- » Oil Carry-Over: 0.01 ppm
- » Solid Particles: n.a.
- » Pressure Drop: 1.31 psi
- » Oil Carry-Over: 0.003 ppm

### Description

Super-Dry SAF Series filters effectively removes up to 99% of contaminants present in the compressed air. Clean, quality compressed air maximizes air-tool service life, ensures that pneumatic machinery and control systems operate at the peak of their performance and keeps pipes & valves free from contaminants.






### Specifications and ordering information:

Housing	Air flow 100 psig scfm	Inlet/ Outlet NPT (in)	Dimensions (in)			Element (Grade)	Weight (lbs)
			A	B	C		
SAF-45	45	½	3.75	8	6.75	E-45 (X/Y/Z)	2
SAF-85	100	¾	3.75	10.5	9.5	E-85 (X/Y/Z)	2.2
SAF-185	180	1	5	12	10.25	E-185 (X/Y/Z)	5
SAF-375	370	1 ½	5	15	13.5	E-375 (X/Y/Z)	6
SAF-515	515	2	6.75	20	18	E-515 (X/Y/Z)	14.5

Maximum inlet temperature: 176°F (80°F) Maximum inlet pressure: 232 psig

# TD Series Timer Drain

-  LOW COST
-  RELIABLE
-  HIGH PERFORMANCE



**VARIOUS VOLTAGE AVAILABLE**

## Description




The TD timer controlled condensate drain is a combination of a solenoid valve, a ball valve strainer and an electronic timer designed to automatically remove condensate from compressors, compressed air dryers and receiver tanks.

## Specifications and ordering information:

Model	Voltage	Inlet/Outlet NPT in	Interval Time minutes	Discharge Time seconds	Weight (lbs)
TD- 1/4	110	1/4-1/2 (dual)	0.5 - 45	0.5 - 10	2
TD- 1/4 12 VDC	12	1/4	0.5 - 45	0.5 - 10	2
TD- 1/4 220 V	220	1/4	0.5 - 45	0.5 - 10	2

# HGT Series

## Moisture Indicator

-  EASY TO INSTALL
-  LOW COST
-  VISUAL MAINTENANCE



**GAUGE SNUBBER**

### Description

The HGT Series Humidity Gauge enables you to determine the level of cartridge saturation inside a D Series Compressed Air Dryer. The reading of moisture establishes the optimum moment for maintenance.

### Specifications and ordering information:

Model	NPT in	Relative Humidity %	Temperature °F	Weight (lbs)
HGT-1/4	1/4	20 - 100	10 - 160	3

\*This product will not provide the accuracy of a dew point monitor. The brass gauge snubber must be installed to prevent damage to the dial. Excessive **diester oil** carry-over may damage the lexan glass\*

A background image of a water splash, showing a large central droplet and several smaller ones above it, creating concentric ripples. The image is in a light, semi-transparent style.

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