

PRODUCT

# CATALOG

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



# 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

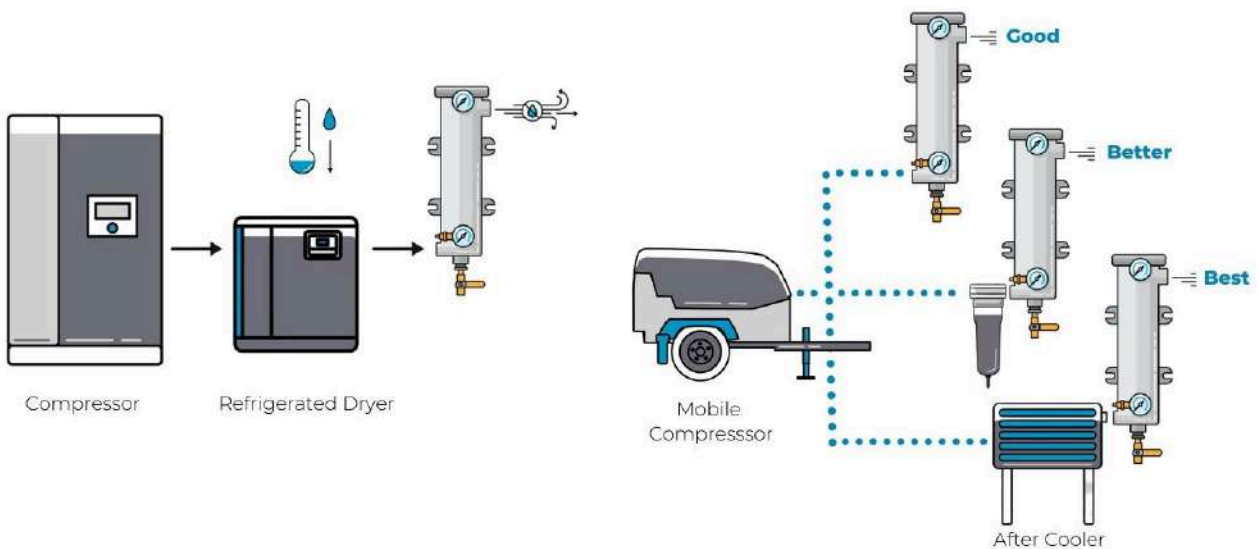
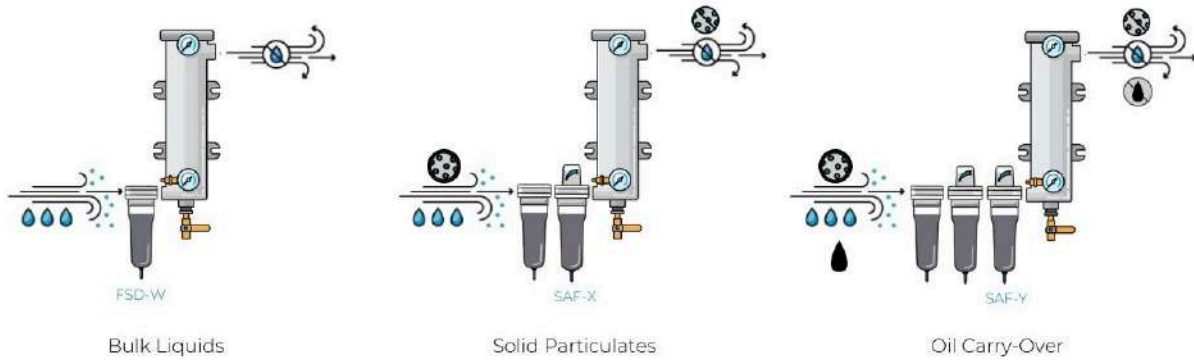
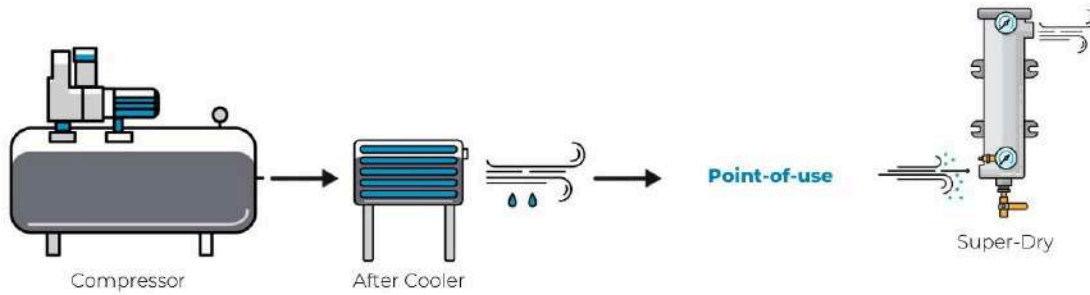
#### Enhanced Performance

- » 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**

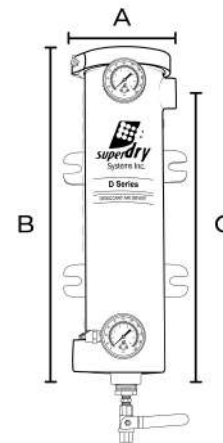
- » Indicates optimum cartridge replacement based on % relative humidity

**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

## Compressed Air 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)**



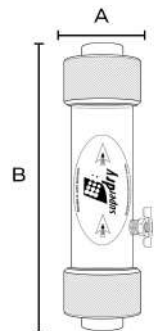
**EATD**



**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 5/8	10 1/8	EATD	ADT-FX	2.5
ATD- 1/2	44	½	2 5/8	10 1/8	EATD	ADT-FX	2.5
ATD- 1/2-CL	44	½	3 1/8	10 3/4	EATD-CL	ADT-FX	4.2
ATD- 1/4-XL	25	¼	3 5/8	14	EATD-XL	included	6

# F Series

## Mini Filters and Dryers



-  **FILTER SEPARATOR (FS)**
-  **COALESCER FILTER (FC)**
-  **DESICCANT DRYER( FD)**



**EFS**



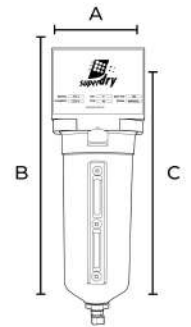
**EFC**



**EFD**

### Description

F Series Filter effectively reduce contamination in your air stream, protecting critical processes and valuable equipment, while maintaining a low pressure drop throughout the life of the filter element to ensure and efficiently preparing the air for point-of-use applications.



### Specifications and ordering information:





Housing	Air flow 100 psig scfm	Inlet/ Outlet NPT in	Dimensions (in)			Replacement kit	Weight (lbs)
			A	B	C		
FS- 1/2	20	1/2	3 1/8	7 1/2	6 1/2	EFS-1/2	1.2
FS-1	40	1	3 5/8	11 7/8	10	EFS-1	3.8
FC- 1/2	20	1/2	3 1/8	7 1/2	6 1/2	EFC-1/2	1.2
FC-1	40	1	3 5/8	11 7/8	10	EFC-1	3.8
FD- 1/2	20	1/2	3 1/8	7 1/2	6 1/2	EFD-1/2	1.2
FD-1	40	1	3 5/8	11 7/8	10	EFD-1	3.8

Housing 1/2": Maximum inlet temperature: 100°F (38°F) Maximum inlet pressure: 130 psig-Plastic Bowl  
 Housing 1": Maximum inlet temperature: 100°F (38°F) Maximum inlet pressure: 150 psig-Metal Bowl  
 Drainage: FS ( float drain) FC/FD (manual drain)

# 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**



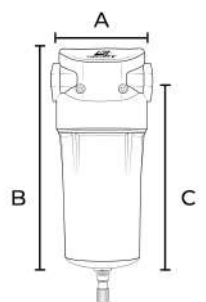
**DEFLECTOR**

### 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**

- » Solid Particles: 1.0 micron
- » Pressure Drop: 0.44 psi
- » Oil Carry-Over: 0.5 ppm



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

- » Solid Particles: 0.01 micron
- » Pressure Drop: 1.74 psi
- » Oil Carry-Over: 0.01 ppm

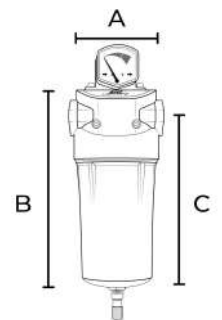


**GRADE "Z"**  
**- ODOR & TASTE**

- » 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- ¼	110	¼-½ (dual)	0.5 - 45	0.5 - 10	2
TD- ¼ 12 VDC	12	¼	0.5 - 45	0.5 - 10	2
TD- ¼ 220 V	220	¼	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 high-speed photograph of a water droplet falling into a pool of water, creating a series of concentric ripples. The image is in grayscale and serves as the background for the entire page.

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