

# 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

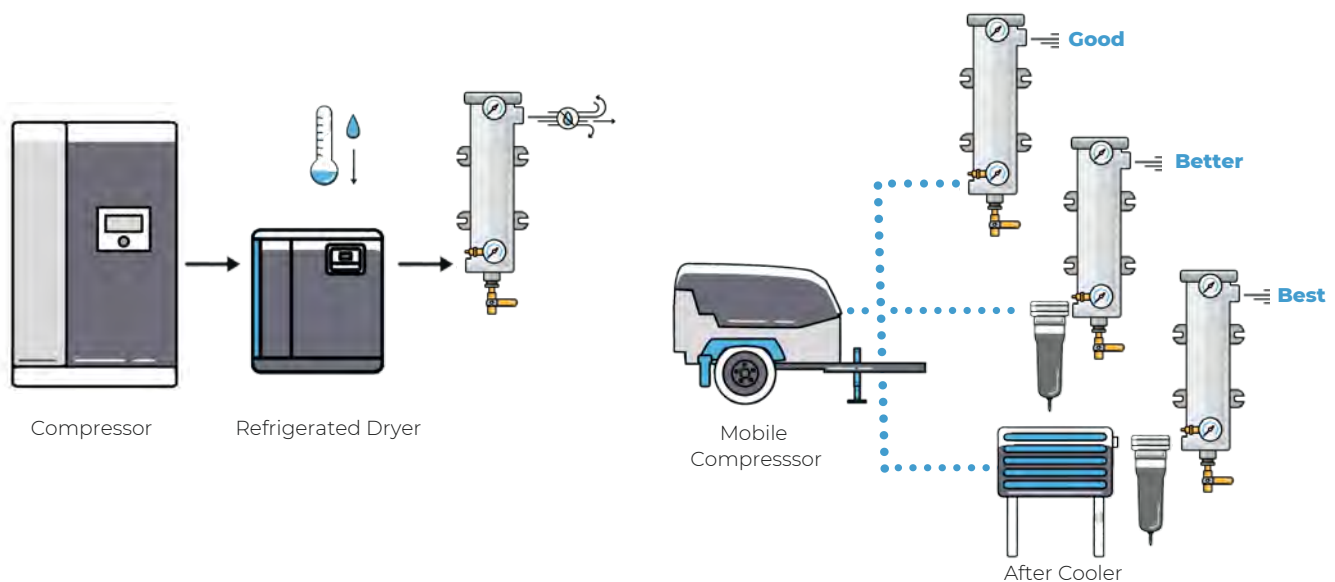
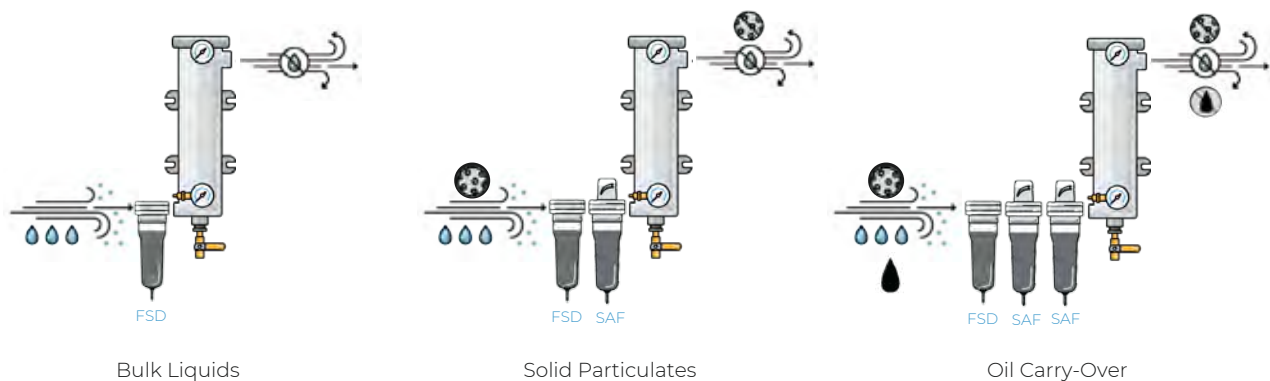
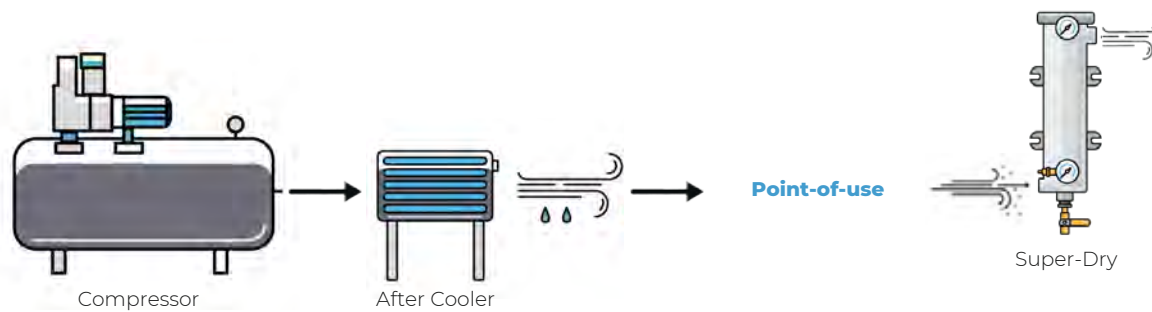
- » Easy replaceable self-contained desiccant cartridges
- » High efficiency polypropylene coalescent elements
- » Optimum filter efficiency even at low air flows
- » 10 year warranty
- » Life expectancy: 25 years
- » Pressure dew point: - 40° F\*
- » Max. working pressure: 150 PSIG

\*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



# D Series

## Premium Options

### 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

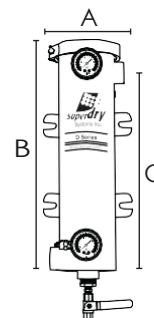
### 3 Water Separator

- » Pre-Filtration of D series Air Dryer



# D Series

## Specifications



### Specifications and ordering information:

| Housing | Air flow<br>100 psig<br>scfm | Inlet/<br>Outlet<br>NPT<br>in | Dimensions (in) |    |      | Replacement<br>kit | Weight<br>(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             |
| D4-CRN  | 300                          | 3                             | 12              | 35 | 29 ½ | ED-4 -CRN          | 125             |

Maximum inlet temperature : 100°F (38°C) 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)**



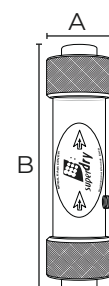
**EATD**



**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<br>100 psig<br>scfm | Inlet/<br>Outlet<br>NPT<br>in | Dimensions (in) |        | Replacement<br>kit | Fixing<br>Clip | Weight<br>(lbs) |
|-------------|------------------------------|-------------------------------|-----------------|--------|--------------------|----------------|-----------------|
|             |                              |                               | A               | B      |                    |                |                 |
| ATD- 1/4    | 22                           | 1/4                           | 2 5/8           | 10 1/8 | EATD               | ADT-FX         | 2.5             |
| ATD- 1/2    | 44                           | 1/2                           | 3 5/8           | 10 1/8 | EATD               | ADT-FX         | 2.5             |
| ATD- 1/2-CL | 44                           | 1/2                           | 3 1/8           | 10 3/4 | EATD-CL            | ADT-FX         | 4.2             |
| ATD- 1/4-XL | 25                           | 1/4                           | 3 5/8           | 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**



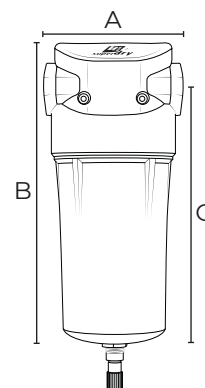
**DEFLECTOR**

### 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<br>100 psig<br>scfm | Inlet/<br>Outlet<br>NPT<br>in | Dimensions (in) |      |       | Weight<br>(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°C) Maximum inlet pressure: 232 psig



# SAF Series

## Compressed Air Filters



-  GENERAL PURPOSE
-  HIGH EFFICIENCY
-  ACTIVATED CARBON



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



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

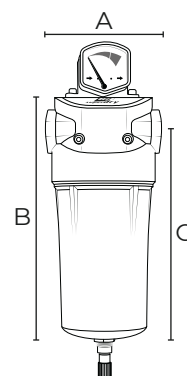


**GRADE "Z"**  
**- ODOR & TASTE**

- |                               |                                |                             |
|-------------------------------|--------------------------------|-----------------------------|
| » Solid Particles: 1.0 micron | » Solid Particles: 0.01 micron | » Solid Particles: n.a.     |
| » Pressure Drop: 0.44 psi     | » Pressure Drop: 1.74 psi      | » Pressure Drop: 1.31 psi   |
| » Oil Carry-Over: 0.5 ppm     | » Oil Carry-Over: 0.01 ppm     | » 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<br>100 psig<br>scfm | Inlet/<br>Outlet<br>NPT (in) | Dimensions (in) |      |       | Element<br>(Grade) | Weight<br>(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°C) 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<br>NPT<br>in | Interval Time<br>minutes | Discharge Time<br>seconds | Weight<br>(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\*



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