

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

COMPRESSED
AIR ADVISORS

"Your Compressed Air Partner"

www.compressedairadvisors.com

877-247-2381

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

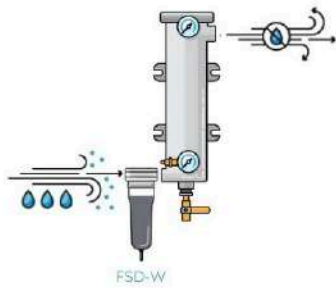
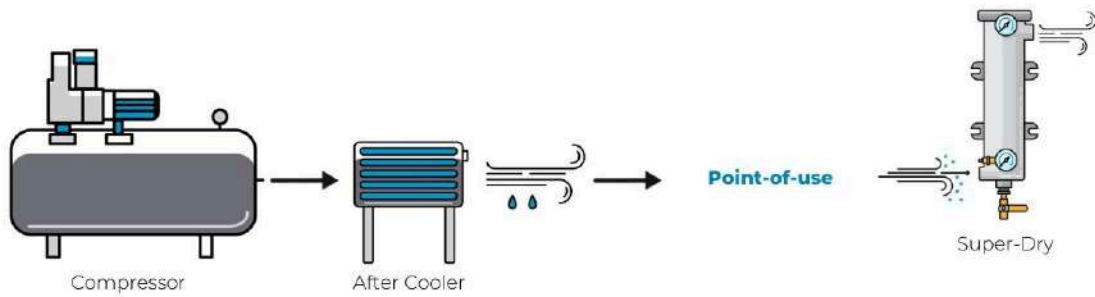
Enhanced Performance

- » 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

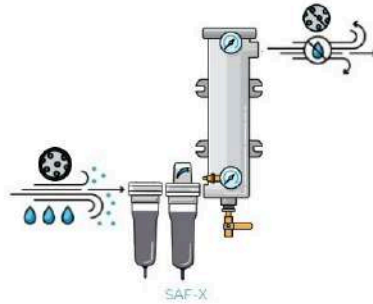
*The Super-Dry D Series is a non-regenerative point-of-use air dryer. It will not provide a stable dew point for continuous operations. It is not a replacement for a twin tower air dryer.

D Series

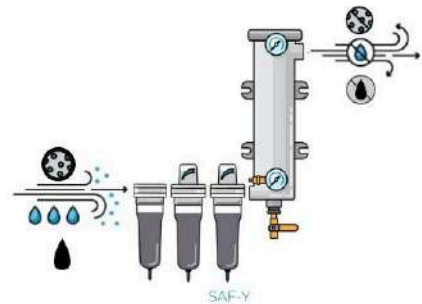
Typical Configurations



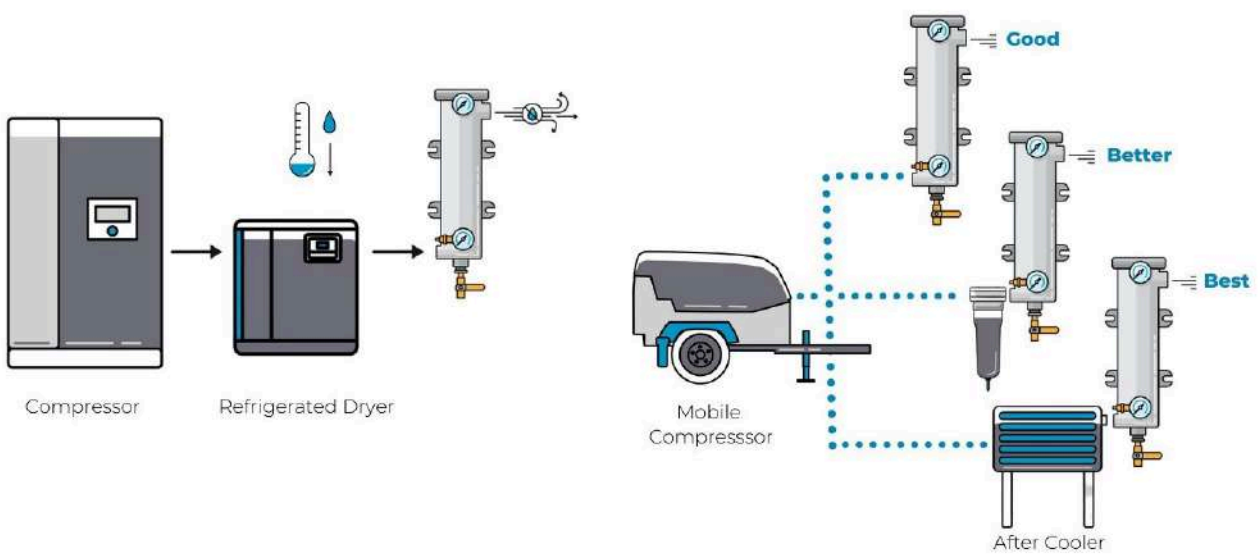
Bulk Liquids



Solid Particulates



Oil Carry-Over





1 Temperature and Moisture Indicator

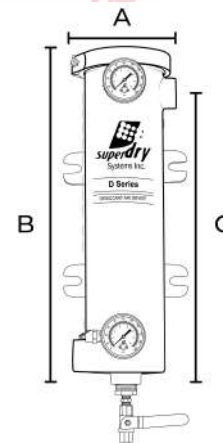
- » Indicates optimum cartridge replacement based on % relative humidity

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

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



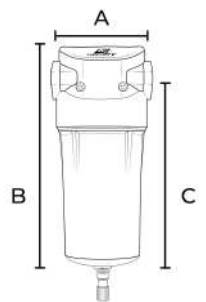
DEFLECTOR

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

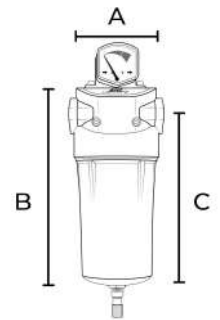


GRADE "Z"
- ODOR & TASTE

- » 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- 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

