

### Protect your investment with Aircel Dryer Package filters

To protect your dryer investment, we recommend that you install a high performance prefilter directly in front of your refrigerated air dryer. By doing this you will prevent insulating oil and dirt build-up in the heat exchanger and ensure optimal performance and reliability of the dryer throughout its lifetime.

By protecting your equipment and keeping the dryer efficiency at its best, these filters will literally pay back their cost and more in savings on your monthly energy bill.

Aircel also offers a limited 5-year warranty on the heat exchanger and compressor if an Aircel prefilter is installed.

To make the selection easy for you, Aircel has perfectly matched the patent-pending DF Series to the refrigerated dryer offering in connection size and flow rate.

#### DF Series

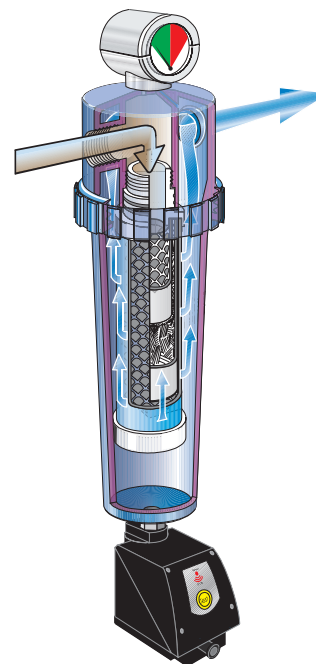
The Ultrair V and S elements utilize a three-dimensional polyester microfibre fleece media, which is ideal for coalescing and draining away oil and water aerosols in the airstream. The V grade element is excellent on general applications. For critical applications, supplement the package with an S grade filter at the dryer outlet to remove trace contaminants.

DF Series



#### AG Series

The FF grade prefilter is ideally suited for general applications and combines excellent efficiency with a very low differential pressure due to its patented binder-free media. For critical applications, supplement the package with the addition of an SMF grade filter at the dryer outlet for removal of trace contaminants.



AG Series

# DF & AG SERIES TECHNICAL SPECIFICATIONS



## DF Model Comparison

Model	Capacity <sup>1</sup> (scfm)	Connection (in. NPT)	Element		Standard (MK) (inches)		Superplus (ZU) (inches)		Standard Weight (lbs)	Superplus Weight (lbs)	Drain Valve <sup>2</sup>
			Size	Qty.	Height	Width	Height	Width			
DF 0035MKV/S	20	1/4	0035	1	7.5	3.5	16	3.5	1	3	KA 1/2
DF 0120MKLFV/S	41	1/2	0070	1	11.5	4.5	18	4.5	2	4	KA 1/2
DF 0120MKV/S	70	1/2	0120	1	13.5	4.5	20	4.5	2	4	KA 1/2
DF 0210MKV/S	123	3/4	0210	1	14.5	6	21	6	5	6	KA 1/2
DF 0320MKV/S	188	1	0320	1	17.5	6	24	6	5	7	KA 1/2
DF 0600MKLFV/S	264	1-1/2	0450	1	23	7.5	29	7.5	12	7	KA 1/2
DF 0600MKV/S	353	1-1/2	0600	1	23	7.5	31	7.5	12	7	KA 1/2
DF 0750MKV/S	441	2	0750	1	23	7.5	31	7.5	12	7	KA 1/2
DF 1100MKV/S	647	2	1100	1	30	7.5	35	7.5	16	15	UFM-T1

<sup>1</sup> Capacity based on 100 psig inlet pressure.

<sup>2</sup> KA 1/2 is an automatic float drain; UFM-T is an electronic zero air-loss drain.

Due to a continuous program of product improvement, specification and dimensions are subject to change without notice.

## Filter Element Data

Type	Initial Dp (psid)	Residual Oil Content	Particle Retention Rate
S Coalescing Filter	1.45	<0.01 ppm <sup>1</sup>	99.99998% on 0.01 micron particles
V Coalescence Filter	0.7	1 ppm <sup>1</sup>	90% on ISO fine dust

## AG Model Comparison

Model	Capacity (scfm)	Connection (in. NPT)	Filter Element (size)	Dimensions (inches)			Weight (lbs)	Drain Valve <sup>1</sup>
				Height	Width	Clearance		
FF/SMF 3"	1500	3	30/30 PC	50	7	33	31	UFM-T20

<sup>1</sup> KA 1/2 is an automatic float drain; UFM-T is an electronic zero air-loss drain.

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## Filter Element Data

Element Type	Initial Dp (psid)	Particle Size	Efficiency	Residual Oil Content	Application
Ultrair® FF Fine Filter	0.7	0.01 µm	99.999%	0.1 ppm <sup>1</sup>	Coalescing/Particulate
Ultrair® SMF Sub Micro Filter	1.7	0.01 µm	99.99999%	<0.01 ppm <sup>1</sup>	Coalescing/Particulate

## Typical Refrigerated Air Dryer Installation

