



DRY AIR GENERATORS

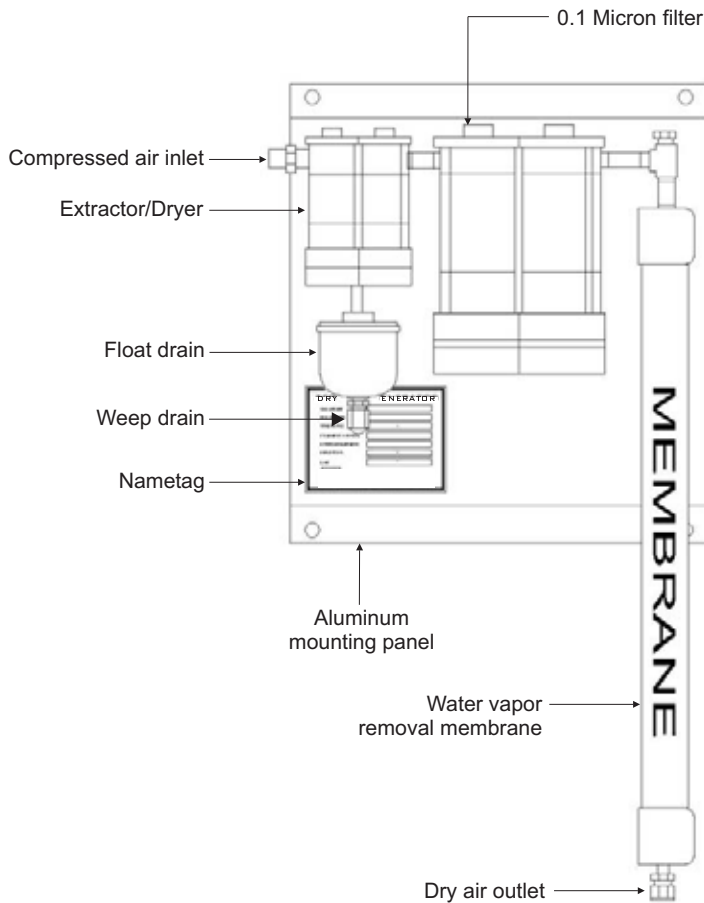
DA150 SERIES

Description

The WESTERN DA150 Dry Air Generators will supply oil and particle free dry air to dewpoints as low as -40°F. The mounting panel makes the installation easy and quick. The high efficiency coalescing extractor/dryer is installed prior to the water removal membrane to protect it from contaminants such as liquids, scales or other solids.

Key Features

- **Dry air** - removes water vapor down to -40°F dewpoint
- **Particle free** - removes particles larger than 0.01 micron
- **Long lasting equipment** - no moving parts
- **Economical operation** - no power required
- **Easy maintenance** - maintenance involves routinely replacing the filter elements
- **Shut-down free operation** - designed to operate continuously 24/7



How to order - part number matrix

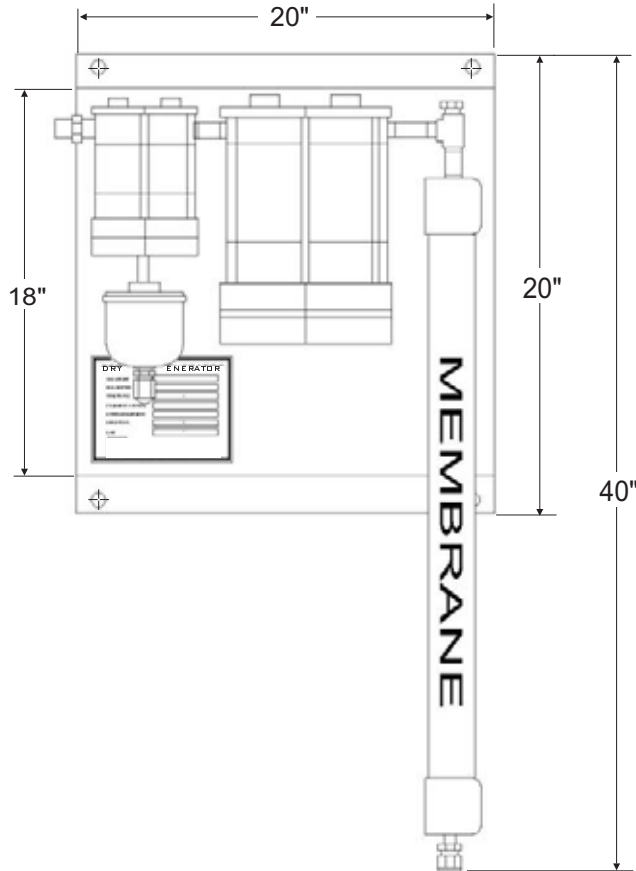
DA150	-	
Series	Flow capacity	
	■ 5 scfm = 5	
	■ 15 scfm = 15	
	■ 25 scfm = 25	
	■ 40 scfm = 40	



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DA150 SERIES TECHNICAL SPECIFICATIONS

Dimensional drawing



Specifications

Maximum Inlet pressure	150 psig
Maximum temperature	120°F
Inlet & outlet connections	
DA150 - 5	1/4" F.NPT
DA150 - 15	1/2" F.NPT
DA150 - 25	3/4" F.NPT
DA150 - 40	1" F.NPT

Performance

Particle removal	0.01 micron
Maximum oil vapor content in outlet air	0.01 micron
Flow performance	See flow table
Pressure lost	3 psig max.

Flow performance

DA150 - 5				
Pressure correction	75 psig	100 psig	125 psig	150 psig
Dewpoint	Useful Outlet Flow (scfm)			
-40°F	3	5	7	10
-20°F	6	10	14	19
0°F	7	12	17	23

DA150 - 25				
Pressure correction	75 psig	100 psig	125 psig	150 psig
Dewpoint	Useful Outlet Flow (scfm)			
-40°F	15	25	35	48
-20°F	18	30	42	57
0°F	24	40	56	76

DA150 - 15				
Pressure correction	75 psig	100 psig	125 psig	150 psig
Dewpoint	Useful Outlet Flow (scfm)			
-40°F	9	15	21	29
-20°F	14	23	32	44
0°F	18	30	42	57

DA150 - 40				
Pressure correction	75 psig	100 psig	125 psig	150 psig
Dewpoint	Useful Outlet Flow (scfm)			
-40°F	24	40	56	76
-20°F	30	50	70	95
0°F	39	65	91	124