

Compressed Air Filters & Water Separators 6 to 1500 SCFM

Altec AIR's A Series High Efficiency Compressed Air Filters feature particle retention of up to 99.999% and significantly reduced pressure loss, providing total protection of manufacturing equipment from dust carryover. Our Compressed Air Filters have been tested to provide a saturated differential pressure of <1.8 psi (125 mbar) across X1 and XA grades - proving to be our most advanced filter to date.

Our A Series Water Separators combine proven centrifugal technology with a new forward thinking housing design to deliver market leading water removal efficiencies – eliminating up to 99% bulk water with continuously low differential pressure.

- Flexible Installation - Modular design and accessible fixings enable simple close coupling assembly
- Market Leading Performance - Custom engineered filtration media delivers optimum performance in line with air quality standard ISO 8573-1: 2010
- Simplified Serviceability - Profiled bowl design and push fit elements ensure quick and reliable maintenance
- Externally Accessible Drain Valves - Unique easy access drain can be removed externally and is standard on all models
- Color Coded Element End Caps - Easy and accurate grade identification



FEATURES

- Connection Sizes ranging from 1/8" to 3" NPT
- Differential Pressure Indicators -
 - Pop-up Indicators on A*-0025 - A*-0050
 - Gauge Indicators on A*-0075 - A*-1500
- Filter Drains -
 - Automatic Float Drains on (AC) Coalescing Filters & (AW) Water Separators
 - Manual Drains on (AP) Particulate Filters
- Fully compliant with international approvals - CRN

OPTIONS

- **Grade X5 - 5 micron Particulate & Coalescing
- **Grade X1 - 1 micron Particulate & Coalescing
- **Grade XA - 0.01 micron Particulate & Coalescing
- **Grade AC - 0.01 micron Activated Carbon

www.AltecAIR.com
800.521.5351

Altec | AIR
A SERIES COMPRESSED AIR
FILTERS & WATER SEPARATORS

COALESCING & PARTICULATE FILTERS

	A*-0006**	A*-0015**	A*-0025**	A*-0032**	A*-0050**
Flow Capacity (SCFM @ 100 PSIG)	6	15	25	32	50
Connection (NPT)	1/8"	1/4"		3/8"	1/2"
Maximum Working Pressure	Coalescing w/ Automatic Drains - 232 PSIG (16 barg) Particulate w/ Manual Drains - 300 PSIG (20.7 barg)				
Maximum Temperature	Coalescing w/ Automatic Drains - 176°F (80°C) Particulate w/ Manual Drains - 248°F (120°C)				
Diff. Pressure Indicator Type	None		Pop-up Indicator		
Replacement Filter Element	E00060015**		E00250032**		E00500000**



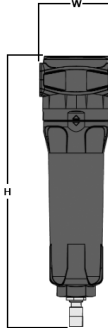
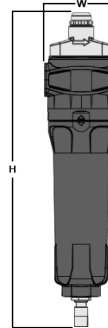
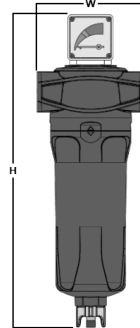
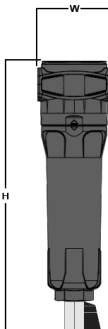
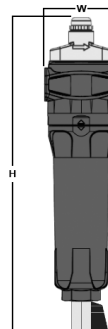
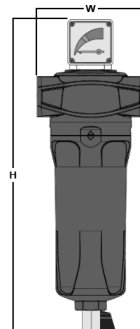
	A*-0070**	A*-0085**	A*-0105**	A*-0125**	A*-0175**	A*-0280**	A*-0320**
Flow Capacity (SCFM @ 100 PSIG)	70	85	105	125	175	280	320
Connection (NPT)	1/2"	3/4"	1"	3/4"	1"	1-1/4"	1-1/2"
Maximum Working Pressure	Coalescing w/ Automatic Drains - 232 PSIG (16 barg) Particulate w/ Manual Drains - 300 PSIG (20.7 barg)						
Maximum Temperature	Coalescing w/ Automatic Drains - 176°F (80°C) Particulate w/ Manual Drains - 248°F (120°C)						
Diff. Pressure Indicator Type	Indicator Gauge						
Replacement Filter Element	E00700105**			E01250175**		E02800320**	

	A*-0400**	A*-0450**	A*-0700**	A*-0850**	A*-0900**	A*-1250**	A*-1500**
Flow Capacity (SCFM @ 100 PSIG)	400	450	700	850	900	1250	1500
Connection (NPT)	1-1/2"	2"		2-1/2"	3"		
Maximum Working Pressure	Coalescing w/ Automatic Drains - 232 PSIG (16 barg) Particulate w/ Manual Drains - 300 PSIG (20.7 barg)						
Maximum Temperature	Coalescing w/ Automatic Drains - 176°F (80°C) Particulate w/ Manual Drains - 248°F (120°C)						
Diff. Pressure Indicator Type	Indicator Gauge						
Replacement Filter Element	E04000450**	E07000000**		E08500900**		E12500000**	E15000000**

* Indicates either C for Coalescing or P for Particulate reverse flow
** Indicates Grade (X5, X1, XA, AC)



COALESCING & PARTICULATE FILTERS

DIMENSIONS (APPROX.)		Weight lbs (kg)	Height in (mm)	Width in (mm)	Depth in (mm)																			
	A*-0006**	0.6 (0.3)	7.68" (196)	1.97" (50)	1.26" (32)		AC-0006 - AC-0015		AC-0025 - AC-0050															
	A*-0015**																							
	A*-0025**																							
	A*-0032**	1.3 (0.6)	13.39" (341)	2.76" (70)	1.73" (44)		AC-0070 - AC-1500																	
	A*-0050**																							
	A*-0070**																							
	A*-0085**	3.7 (1.7)	15.52" (395)	5.00" (127)	2.36" (60)		AP-0006 - AP-0015		AP-0025 - AP-0050															
	A*-0105**																							
	A*-0125**	4.4 (2.0)	18.87" (480)																					
	A*-0175**			5.51" (140)	3.15" (80)						AP-0070 - AP-1500													
	A*-0280**	6.6 (3.0)	23.04" (586)																					
	A*-0320**																							
	A*-0400**	10.8 (4.9)	24.30" (618)	6.69" (170)	3.93" (100)																			
	A*-0450**																							
	A*-0700**	12.1 (5.5)	32.17" (818)																					
	A*-0850**	23.1 (10.5)	33.27" (846)	8.66" (220)	5.51" (140)																			
	A*-0900**																							
	A*-1250**	25.4 (11.5)	38.04" (967)																					
A*-1500**	27.6 (12.5)	43.86" (1115)																						

FILTER ELEMENT CLASSES**

	X5	X1	XA	AC
Particle Removal	5 micron	1 micron	0.01 micron	0.01 micron
Maximum Particle Size Class*	4	3	1	1
Maximum Oil Content	4	3	1	1
Max Oil Carryover at 68°F (20°C)	5 ppm (5 mg/m ³)	0.3 ppm (0.3 mg/m ³)	0.01 ppm (0.1 mg/m ³)	0.003 ppm (0.003 mg/m ³)
Pressure Loss: Clean & Dry (PSI)	0.6 psi (40 mbar)	0.8 psi (55 mbar)	1.2 psi (85 mbar)	1.7 psi (115 mbar)
Pressure Loss: Saturated (PSI)	1.1 psi (75 mbar)	1.8 psi (125 mbar)		-
Pressure Loss: Element Change (PSI)	8000 hours / 12 months			1000 hours / 6 months
Maximum Temperature	Coalescing w/ Automatic Drains - 176°F (80°C) Particulate w/ Manual Drains - 248°F (120°C)			122°F (50°C)**
Maximum Working Pressure	Coalescing w/ Automatic Drains - 232 PSIG (16 barg) Particulate w/ Manual Drains - 300 PSIG (20.7 barg)			
Element End Cap Color	Green	Red	Blue	Black



* To ISO 8573-1:2010

** Maximum recommended operating temperature 77°F (25°C)

A Series

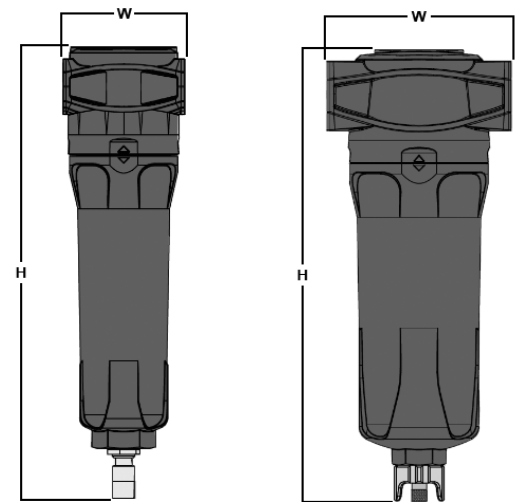
WATER SEPARATORS

	AW-0006	AW-0015	AW-0025	AW-0032	AW-0050	
SPECIFICATIONS	Flow Capacity (SCFM @ 100 PSIG)	6	15	25	32	50
	Connection (NPT)	1/8"	1/4"		3/8"	1/2"
	Maximum Working Pressure	232 PSIG (16 barg)				
	Min / Max Operating Temperature	34°F (1°C) / 176°F (80°C)				
	Typical Pressure Loss @ Rated Flow	0.8 psi (55 mbar)				



	AW-0070	AW-0125	AW-0175	AW-0280	AW-0320	AW-0400	AW-0700	AW-0850	AW-1500	
SPECIFICATIONS	Flow Capacity (SCFM @ 100 PSIG)	70	125	175	280	320	400	700	850	1500
	Connection (NPT)	1/2"	3/4"	1"	1-1/4"	1-1/2"		2"	2-1/2"	3"
	Maximum Working Pressure	232 PSIG (16 barg)								
	Min / Max Operating Temperature	34°F (1°C) / 176°F (80°C)								
	Typical Pressure Loss @ Rated Flow	0.8 psi (55 mbar)								

	Weight lbs (kg)	Height in (mm)	Width in (mm)	Depth in (mm)
AW-0006	0.6 (0.3)	7.28" (185)	1.97" (50)	1.26" (32)
AW-0015				
AW-0025				
AW-0032	1.3 (0.6)	10.19" (259)	2.76" (70)	1.73" (44)
AW-0050				
AW-0070		12.92" (327)		
AW-0125	3.7 (1.7)	16.27" (412)	5.00" (127)	2.36" (60)
AW-0175				
AW-0280	6.6 (3.0)	20.44" (518)	5.51" (140)	3.15" (80)
AW-0320				
AW-0400	10.8 (4.9)	21.70" (550)	6.69" (170)	
AW-0700		29.57" (750)		
AW-0850				3.93" (100)
AW-1500	17.6 (8.0)	18.24" (462)	8.66" (220)	



AW-0006 - AW-0050

AW-0070 - AW-1500

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