



ADVANCE TECHNOLOGY
FROM GERMANY



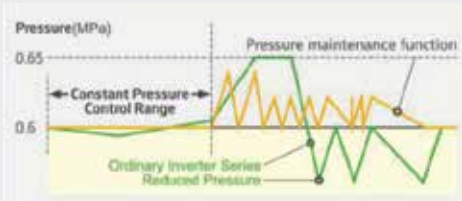


Energy Saving Screw Air Compressor

Permanent Magnet VSD

Screw Air Compressor

1. Average PM motor can save 7% - 11%
2. Reduce pressure can save 8% - 1bar
3. Save unload state and less power



UP TO
30%
energy saving

Model	Motor power		Free air deliver M3/Min	Discharge pressure Bar	Noise level (DB)	Outlet Pipe INCH	Drivemode	Weight KG	Dimension MM
	KW	HP							
GD-10APM	7.5	10	1.1	8	64	1/2"	DIRECT	240	900*700*920
			0.95	10					
			0.8	12					
GD-15APM	11	15	1.5	8	64	3/4"	DIRECT	400	1080*750*1000
			1.3	10					
			1.1	12					
GD-20APM	15	20	2.3	8	64	3/4"	DIRECT	400	1080*750*1000
			2.1	10					
			1.72	12					
GD-25APM	18.5	25	3	8	64	1"	DIRECT	500	1280*850*1160
			2.7	10					
			2.4	12					
GD-30APM	22	30	3.6	8	66	1"	DIRECT	550	1280*850*1160
			3.2	10					
			2.7	12					
GD-40APM	30	40	5	8	68	1"	DIRECT	600	1280*850*1160
			4.5	10					
			4	12					
GD-50APM	37	50	6.2	8	68	1-1/2"	DIRECT	800	1400*1000*1290
			5.6	10					
			5	12					
GD-60APM	45	60	7	8	68	1-1/2"	DIRECT	800	1400*1000*1290
			6.2	10					
			5.6	12					
GD-75APM	55	75	9.6	8	72	2"	DIRECT	1660	1800*1230*1570
			8.5	10					
			7.6	12					
GD-100APM	75	100	12.6	8	72	2"	DIRECT	1800	1800*1230*1570
			11.2	10					
			10	12					
GD-125APM	90	125	15	8	72	2"	DIRECT	1900	1800*1230*1570
			13.8	10					
			12.3	12					
GD-150APM	110	150	19.8	8	75	2 1/2"	DIRECT	2500	2400*1470*1840
			17.4	10					
			14.8	12					



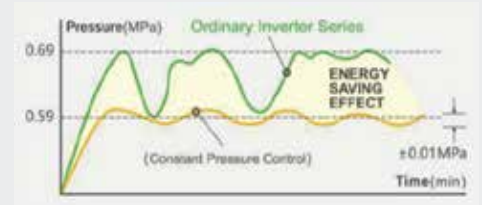
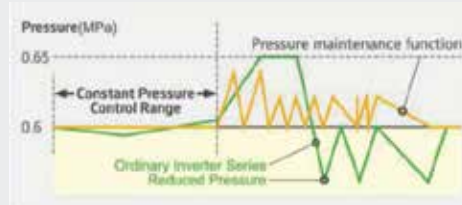
Energy Saving Screw Air Compressor

Double Stage

Screw Air Compressor

1. Average PM motor can save 7% - 11%
2. Reduce pressure can save 8% - 1bar
3. Save unload state and less power

UP TO
40%
energy saving



Model	Motor power		Free air deliver M3/Min	Discharge pressure Bar	Noise level (DB)	Outlet Pipe INCH	Drivemode	Weight KG	Dimension MM
	KW	HP							
GD-20APM-II	15	20	2.9	8	64	1-1/2"	DIRECT	780	1480*850*1150
			2.4	10					
			2.2	12					
GD-25APM-II	18.5	25	3.5	8	64	1-1/2"	DIRECT	780	1480*850*1150
			2.9	10					
			2.5	12					
GD-30APM-II	22	30	4.1	8	66	1-1/2"	DIRECT	780	1480*850*1150
			3.5	10					
			3.2	12					
GD-40APM-II	30	40	6.4	8	68	2"	DIRECT	1080	1720*1110*1480
			4.9	10					
			4.2	12					
GD-50APM-II	37	50	7.1	8	68	2"	DIRECT	1080	1720*1110*1480
			6.3	10					
			5.4	12					
GD-60APM-II	45	60	9.7	8	68	2"	DIRECT	1080	1720*1110*1480
			7.8	10					
			6.5	12					
GD-75APM-II	55	75	12.5	8	72	2 1/2"	DIRECT	2080	2100*1350*1720
			9.6	10					
			8.6	12					
GD-100APM-II	75	100	16.5	8	72	2 1/2"	DIRECT	2080	2100*1350*1720
			12.5	10					
			11.2	12					
GD-125APM-II	90	125	19.8	8	72	DN65	DIRECT	3280	2460*1700*1900
			16.9	10					
			14.3	12					
GD-150APM-II	110	150	23.5	8	75	DN65	DIRECT	3480	2460*1700*1900
			19.7	10					
			17.6	12					
GD-175APM-II	132	175	28	8	75	DN80	DIRECT	3980	2900*1800*2020
			23.5	10					
			19.8	12					
GD-220APM-II	160	220	33.6	8	75	DN80	DIRECT	4280	2900*1800*2020
			30	10					
			23.8	12					
GD-250APM-II	185	250	38.4	8	78	DN100	DIRECT	5450	2900*1800*2020
			32.5	10					
			28.6	12					



Energy Saving Screw Air Compressor

Fixed Speed Screw Air Compressor

Model	Motor power		Free air deliver	Discharge pressure	Noise level	Outlet Pipe	Drivemode	Weight	Dimension
	KW	HP	M3/Min	Bar	(DB)	INCH		KG	MM
GD-10A	7.5	10	1.1	8	64	1/2"	DIRECT	240	900*700*920
			0.95	10					
			0.8	12					
GD-15A	11	15	1.5	8	64	3/4"	DIRECT	400	1080*750*1000
			1.3	10					
			1.1	12					
GD-20A	15	20	2.3	8	64	3/4"	DIRECT	400	1080*750*1000
			2.1	10					
			1.72	12					
GD-25A	18.5	25	3	8	64	1"	DIRECT	500	1280*850*1160
			2.7	10					
			2.4	12					
GD-30A	22	30	3.6	8	66	1"	DIRECT	550	1280*850*1160
			3.2	10					
			2.7	12					
GD-40A	30	40	5	8	68	1"	DIRECT	600	1280*850*1160
			4.5	10					
			4	12					
GD-50A	37	50	6.2	8	68	1-1/2"	DIRECT	800	1400*1000*1290
			5.6	10					
			5	12					
GD-60A	45	60	7	8	68	1-1/2"	DIRECT	800	1400*1000*1290
			6.2	10					
			5.6	12					
GD-75A	55	75	9.6	8	72	2"	DIRECT	1660	1800*1230*1570
			8.5	10					
			7.6	12					
GD-100A	75	100	12.6	8	72	2"	DIRECT	1800	1800*1230*1570
			11.2	10					
			10	12					
GD-125A	90	125	15	8	72	2"	DIRECT	1900	1800*1230*1570
			13.8	10					
			12.3	12					
GD-150A	110	150	19.8	8	75	2 1/2"	DIRECT	2500	2400*1470*1840
			17.4	10					
			14.8	12					
GD-175A	132	175	23.2	8	75	2 1/2"	DIRECT	2700	2400*1470*1840
			20.5	10					
			17.4	12					
GD-220A	160	220	27.6	8	75	2 1/2"	DIRECT	3000	2400*1470*1840
			24.6	10					
			21.5	12					
GD-250A	185	250	30.4	8	78	DN80	DIRECT	3500	3150*1980*2150
			27.4	10					
			24.8	12					

Distributor :





REFRIGERANT AIR DRYER

Be free from sudden operation stop and water outflow even in tough condition

4 AR Air Dryer Models



TOUGHNESS FOR HOT CONDITION EASY



EASY OPERATION



PRESSURE DEW POINT 3°C AT BEST EFFORT



LOW PRESSURE LOSS

Strong and High efficiency Heat Exchanger



- Equip stainless shell and nickel-plated pipe

Stable Draining System



- See-through Drain bowl
- High reliability electrical trap

User friendly controller



- Evaporating temp. indicator
- Operation status lamp

Air Flow Rate : 4.9-13.8 m³/min

Air Compressor Size : 22-75 Kw

Ambient Temp. Max 50°C/Inlet Air Temp. Max 80°C

Technical Data Sheet

Model		U30	U50	U75	U100
Air processing capacity (*1)	m ³ /min	4.9	6.9	10.7	13.8
Dew point of outlet air (*2)	°C	3			
Inlet air temperature	°C	5 - 80			
Ambient temperature	°C	2 - 50			
Inlet air pressure	MPaG	0.2 - 1.0			
External dimensions (Height x Depth x Width)	mm	670*381*672	743*381*802	1000*421*802	977*496*852
Mass	Kg	45	61	86	110
Air pipe connection		R1 (25A)	R1-1/4 (32A)	R2 (50A)	R2 (50A)
Power source	V • Hz	1 phase 220±10% (50)			3 phase 380±10%(50)
Current/Power supply capacity	A • kVA	5.1 • 1.1	8.8 • 1.9	9.2 • 2.0	4.7 • 3.1
Refrigerant		R-410A			
Auto drain trap		Timer type with drainage chamber and strainer			

Remarks :

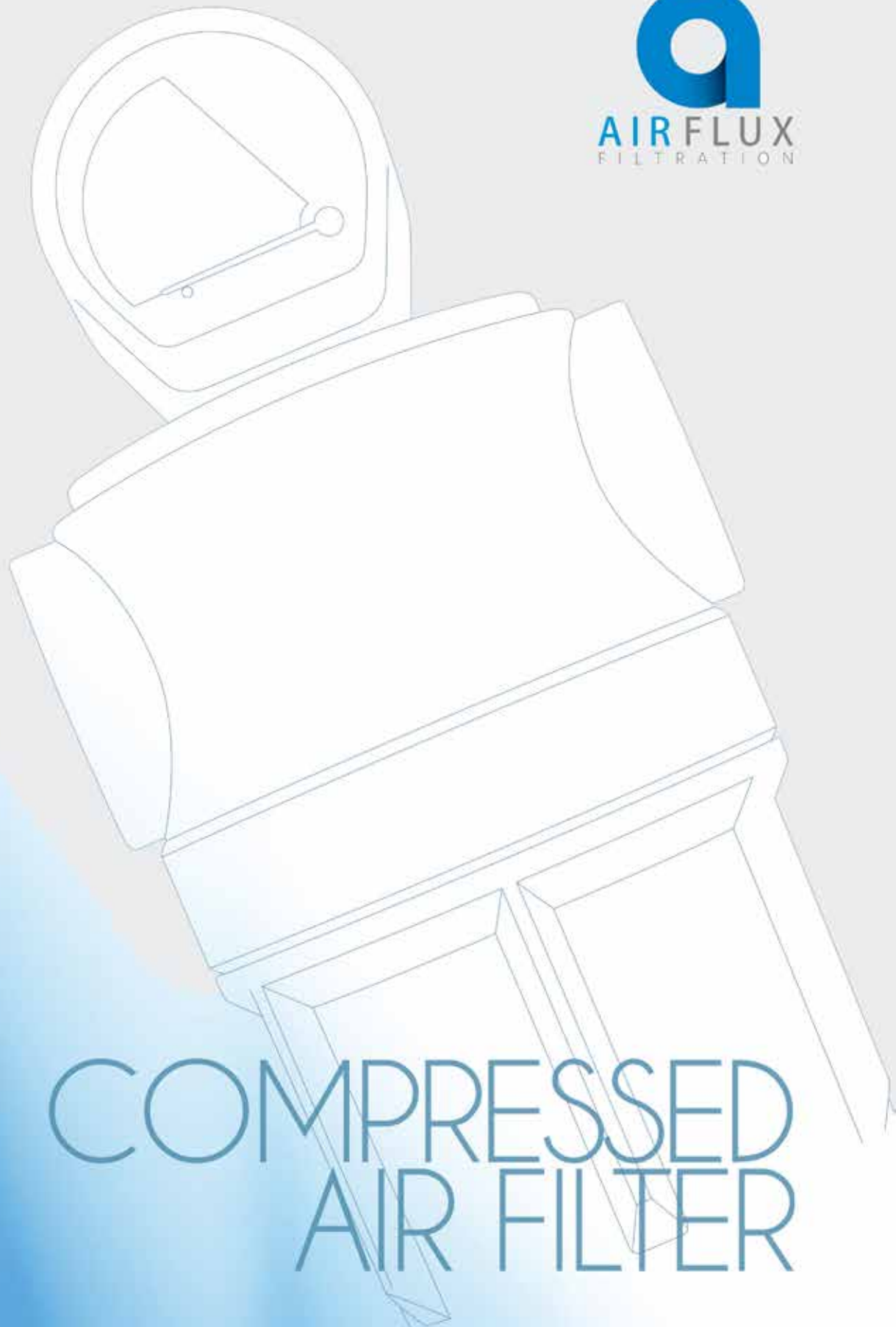
*1 process air conditions is based on ISO8573 (inlet 35°C/Ambient: 25°C)

*2 Best effort value *3 This air dryer is designed for indoor use.

*4 Technical data is subject to change without notice



For inquiries, please contact here.



COMPRESSED AIR FILTER

www.airfluxfiltration.com



Certificate No. :KLR 601450



Airflux Filtration provide various filter elements with different filtration grades to maximize the filtration of any impurities such as dirt, metal oxides, rust, hydrocarbon, water and oil aerosols found in the compressed air system. All of these impurities should be strictly removed to provide the best air quality. Airflux filter elements are manufactured for lowest pressure drop and in accordance with International Standard for compressed air quality ISO 8573.1 : 2001

Solid Particle Dirt	GF PF AF	Water Aerosols	PF AF
Rust Pipescale	GF PF AF	Oil Aerosols Liquid Oil	PF AF
Oil Vapour	AC	Micro Organisms	GF PF AF

ALOCROM ALUMINIUM TREATMENT



A special feature of all Airflux Microfilter die-cast filter housing.

Corrosion protected inside and out with Alocorm treatment then a tough epoxy paint finish is baked on to give extra long life.

Rapid corrosion of untreated aluminium



No corrosion with aluminium treatment

NON-CORROSIVE COMPONENT



Non corrosive end-caps prevent oxidation as opposed to aluminum caps which introduce contaminants that pollute the filtered compressed air.



Used filter element

The picture shows oxidation of filter elements with aluminium end-caps

HIGH RESISTANT DRAINAGE LAYER



Airflux filter elements use high performance drainage layer which can withstand higher operational temperature and is less sensitive to synthetic lubricants when compared to foam sock which may become brittle and completely deteriorate thus contaminating downstream equipments.



Used filter element

Filter element using foam socks tears under high operational temperature causing the broken pieces to be carried over downstream.

MICROFILTER CONSTRUCTION



FILTER HEAD ACCESSORIES



Standard



Differential Pressure Indicator



Pressure Differential Gauge

CONNECTIONS



Threaded 1/2" - 3"



Flange DN80 - DN300

CONDENSATE DRAINS



STANDARD INTERNAL AUTODRAIN

Each Airflux Microfilter is provided with a float type internal automatic drain as its standard option to remove separated liquid from the filter. It also acts as a manual override function to depressurize air from the filter during its replacement period.



EXTERNAL AUTODRAIN

This is an external automatic drain and it is suitable for high capacity Airflux Microfilter e.g. A175 and above.



ELECTRONIC TIMER DRAIN

This alternative electronic condensate drain is equipped with an adjustable interval and discharge time. Not only is it applicable to our filter housing but it is also applicable to any types of air compressors, air dryers and air receiver tanks.



ECONOMY INTERNAL AUTODRAIN

This is an alternative economical auto drain to standard one. It is suitable for Airflux microfilter from A05 to A125.

AIR FLUX HIGH-EFFICIENCY FILTER ELEMENTS

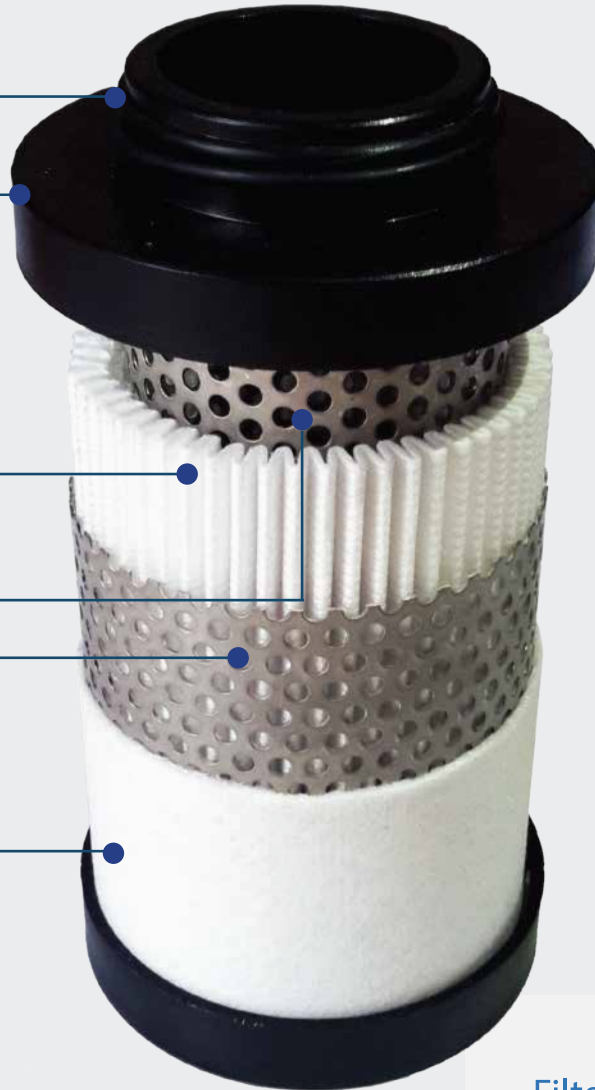
AIR TIGHT - Positive 'O'ring seal prevents contamination by-pass.

CHEMICAL RESISTANT - Tough corrosion resistant end caps withstand the worst compressed air condition.

96% VOIDS VOLUME - gives long life with minimum energy costs.

MAXIMUM STRENGTH - Inner and outer stainless support screens up to 10 bar Δp .

HIGH EFFICIENCY - Anti re-entrainment barrier prevents oil/water carry over and is compatible with mineral or synthetic lubricants.



Filter element changes are essential

FILTRATION GRADES

GF

General filtration for solid contaminant

Particle removal down to 3 micron
 Air quality ISO 8573.1 Class 3
 Initial pressure drop 0.03 bar

AF

High efficiency filtration for particle, oil & water aerosol

Particle removal down to 0.01 micron
 Oil content down to 0.01 mg/m³
 Air quality ISO 8573.1 Class 1
 Initial pressure drop 0.09 bar

PF

Pre-filtration for particles, oil & water aerosols

Particle removal down to 1 micron
 Oil content down to 0.1 mg/m³
 Air quality ISO 8573.1 Class 2
 Initial pressure drop 0.05 bar

AC

Absorption filtration for oil vapour & other hydrocarbon

Oil content down to 0.003 mg/m³
 Air quality ISO 8573.1 Class 1
 Initial pressure drop 0.10 bar
 (Always Proceed with Grade AF filter)

* The above rating is based on operational condition at 7 bar g and 20°C

ATTENTION!

CHANGE ELEMENT

every year or earlier if indicator change to red

10 / 2015
 month year

USE GENUINE PARTS ONLY

All Airflux coalescing filter are supplied with a maintenance sticker. It is essential to change the filter elements every year or earlier if the indicator/gauge change to red.

Activated carbon filter elements (grades AC) should be changed every 1000 hours or earlier if odour is detected.

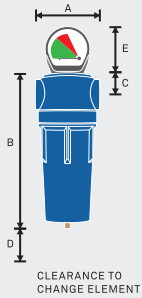
SPECIFICATION & TECHNICAL DATA

FILTER MODEL	PORT SIZE [BSP-F]	FLOW RATE [at 7 bar g/100 psi g]		DIMENSIONS [mm]					APPROX. WEIGHT [kg]	REPLACEMENT ELEMENT MODEL
		m ³ /min	cfm	A	B	C	D	E		
A05	1/2"	0.96	34	88	200	24	80	70	0.9	AE05
A10	1/2"	1.33	47	88	230	24	100	70	1.0	AE10
A15	3/4"	2.03	72	88	288	24	150	70	1.3	AE15
A25	1"	4.00	141	128	308	39	160	70	2.6	AE25
A40	1 - 1/2"	7.20	254	128	394	39	220	70	2.8	AE40
A75	1 - 1/2"	9.05	320	128	490	39	320	70	3.6	AE75
A100	2"	15.00	530	170	590	55	400	70	6.2	AE100
A125	2"	19.80	699	170	730	55	530	70	7.2	AE125
A175	2 - 1/2"	26.00	918	170	1085	55	770	70	11.2	AE175
A300	3"	37.50	1324	245	1100	74	600	70	20.0	AE300
F460	DN80	46.00	1645	440	1310	200	80	70	80	AE460
F520	DN80	52.30	1846	500	1241	230	100	70	108	AE190 X 2
F780	DN100	78.48	2770	500	1241	230	150	70	110	AE190 X 3
F1040	DN100	104.70	3695	640	1325	280	160	70	151	AE190 X 4
F1560	DN150	156.96	5540	790	1424	300	220	70	212	AE190 X 6
F2090	DN200	209.28	7386	790	1424	340	320	70	232	AE190 X 8
F2610	DN200	261.66	9235	840	1687	360	400	70	357	AE190 X 10
F3130	DN250	313.98	11082	940	1687	420	530	70	455	AE190 X 12
F4180	DN250	418.62	14775	940	1821	420	770	70	462	AE190 X 16
F5230	DN300	523.32	18470	940	1910	450	780	70	528	AE190 X 20

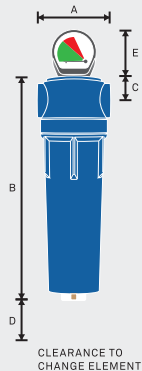
In case of a different operating pressure, the above flow rate should be multiplied by the relevant correction fact

Bar g	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Psi g	15	29	44	58	73	87	100	116	131	145	160	174	189	203	218	232
Factor	0.25	0.38	0.50	0.65	0.76	0.88	1.00	1.12	1.25	1.39	1.51	1.65	1.74	1.90	2.02	2.18

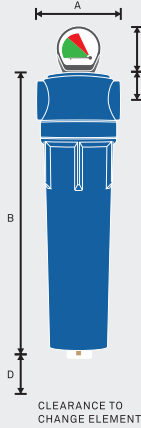
A05 - A15



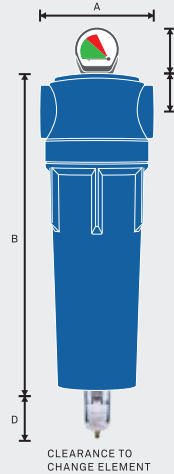
A25 - A75



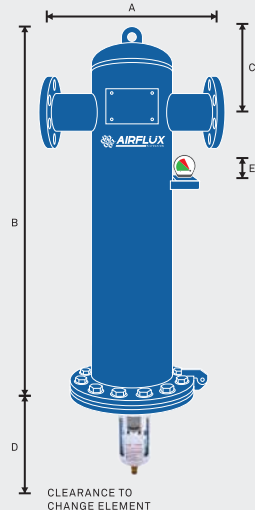
A100 - A125



A175 - A300



F460 - F5230



Compressed Air Quality to ISO8573 Part 1 : 2001

Oil Removal down to	Class 5	Class 4	Class 3	Class 2	Class 1
0.01 mg/m ³					AF/AC - class 1
0.1 mg/m ³				PF - class 2	
1 mg/m ³					
5 mg/m ³					
			GF - class 3		
Particle size 1.0-5.0um	20000 per m ³	1000 per m ³	500 per m ³	10 per m ³	0 per m ³
Particle size 0.5-1.0um			10000 per m ³	1000 per m ³	1 per m ³
Particle size 0.1-0.5um				100000 per m ³	100 per m ³

AIR TANK

ถังเก็บลม สำหรับปั๊มลม

เหมาะกับ Air Compressor และ Air Dryer
ถังเก็บลมมีขนาด ตั้งแต่ 200 - 15000 ลิตร
ขนาดของถังเก็บลมจะขึ้นอยู่กับปริมาณลม
ที่ออกจากคอมเพรสเซอร์ขนาดของระบบ
รวมทั้งปริมาณความต้องการใช้ลมด้วย



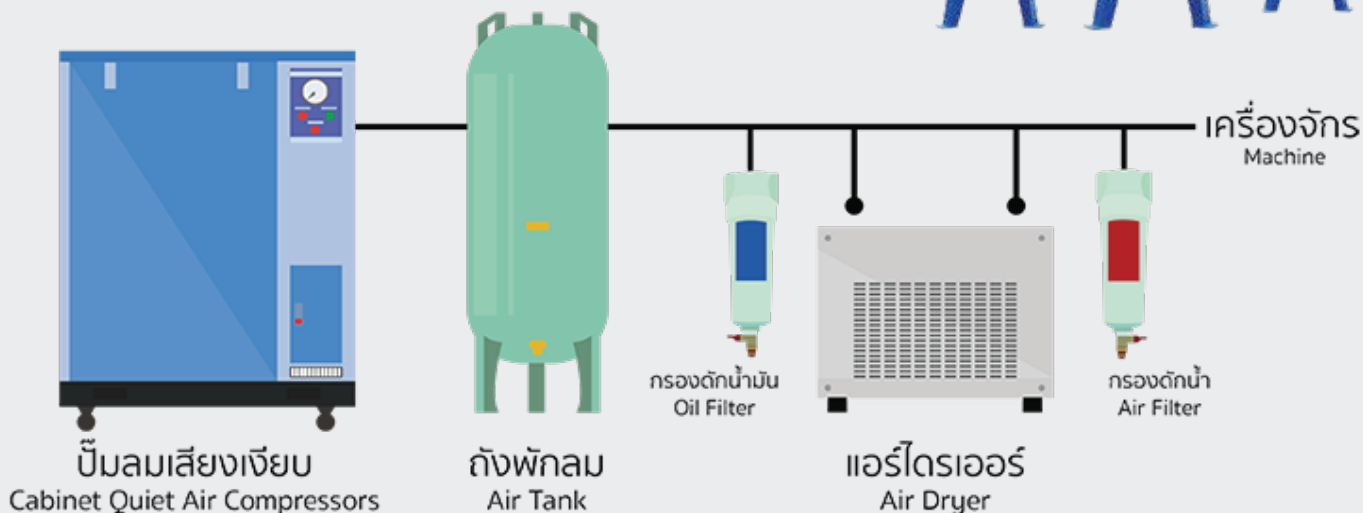
CAPACITY :



100L	200L	300L	500L
1,000L	1,500L	2,000L	3,000L
4,000L	5,000L	6,000L	8,000L
10,000L	15,000L		

MATERIAL MILD STEEL : SS 400

WORKING PRESSURE : 10 BAR





บจก. เออีซี ฟिलเตอร์ พาร์ท
31 หทัยราษฎร์ แขวงบางชัน
คลองสามวา กรุงเทพมหานคร 10510

WEBSITE

<https://www.aecfilterparts.com/>

สแกนที่นี่!!!!



ติดต่อสอบถามข้อมูลเพิ่มเติมได้ที่
LINE OFFICIAL ACCOUNT