

AIR FILTER UNITS

AFU Series



WHO WE ARE?

- Arconik is an uprisng multinational company
- An unique combination of expertise, R&D, know-how, and experience in the area of air filtration solutions positions Arconik as one of the most esteemed and fastest-growing companies in its field in the world.
- Our wide range of solutions provide protection for all, from the smallest system for family protection to systems for protections of thousands of civilians.
- The vast practical & real field experience we have gained through tens of thousands of our successful installations places us as one of the fast growing companies in its field in the world.

MAIN FEATURES

- Filtering capacity 36-1800 m³/h is available.
- Filters are carefully and regularly tested and approved by various international laboratories.
- Pressure release valve for quick internal release of over/under pressure are provided to all range of filters.
- Maintenance-free, periodical monitoring is recommended.
- Hermetically delivered with a tamper-proof seal.

ADVANTAGES

- Heavy duty steel housing with phosphate treatment and powder coating finished for high corrosion resistance.
- Includes shock absorbers for floor connection.
- Quick connectors are provided for fast and easy operation.



APPLICATIONS

Safe Rooms



Hospitals



Oil Refineries

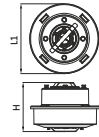
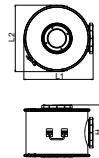
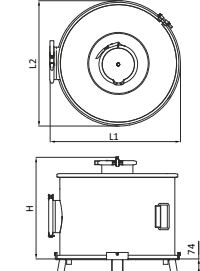
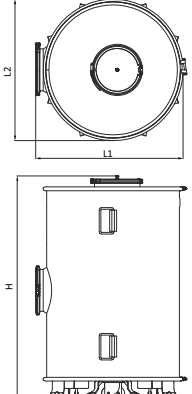


Power Plants



TECHNICAL SPECIFICATIONS

Properties	Units	AIR FILTER UNIT									
Model Numbers		AFU 36	AFU RC 100	AFU 180	AFU 240	AFU 300	AFU 450	AFU 600	AFU 900	AFU 1200	AFU 1800
Capacity Air Flow / Rated Capacity	m ³ /h	36	100	180	240	300	450	600	900	1200	1800
Pressure Drop at Nominal flow	Pa	500	180	500	500	500	500	500	1000	1000	1000
Weight	Kg	7	35	72	84	92	120	145	195	236	300
Particulate Filtration Efficiency (AT 0.3 μ)	%	≥ 99.995									
Adsorption Capacity		Surpassing all National Civil Defence Standards									
Working Temperature Range	°C	-20 to +70									

MODEL	MODEL NAME	LENGTH L1 (mm)	LENGTH L2 (mm)	HEIGHT H (mm)	CONNECTOR SIZE (mm)
	AFU 36	333	333	235	56
	AFU RC 100	468	445	372	206
	AFU 180	630	600	485	150
	AFU 240	630	600	555	200
	AFU 300	630	600	625	200
	AFU 450	630	600	825	200
	AFU 600	630	600	988	200
	AFU 900	710	674	1074	200
	AFU 1200	710	674	1312	200
	AFU 1800	710	674	1630	200

