

AIR FILTER UNITS

AFU Series



WHO WE ARE?

- For more than a decade Arcotech has managed to position itself as an Israeli market leader in the field of blast protection and CBRN filtration systems for shelters and protected areas.
- Our wide range of solutions provides protection for all, from the smallest system for family protection to systems for the protection of thousands of people.
- Together with our international partners Arcotech solutions help protect thousands of people around the world where it really counts.
- The vast practical and 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, 100, 180, 240, 300, 450, 600, 900, 1200 & 1800 m³/h.
- Filters have been carefully tested and approved by SII (Standards Institution of Israel)
- Wide range of filters designed to filter the air from chemical and biological agents, toxic chemicals & materials, including TIC's and TIM's.

ADVANTAGES

- Protection with a high wall/ hidden installation, thus saving valuable space.
- A special system of by-passes and quick connectors, allow a fast turnover to emergency mode
- Easy service and maintenance access
- Our systems comply and are certified for SII 4570
- They are regularly and continuously tested by the National Standards Institute.



APPLICATIONS

Safe Rooms



Hospitals



Oil Refineries

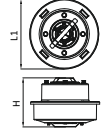
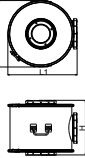
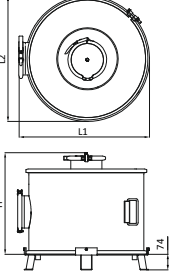
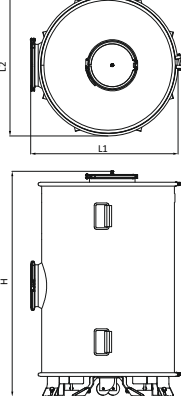


Power Plants



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	310
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	1304	200
	AFU 1800	710	674	1705	200