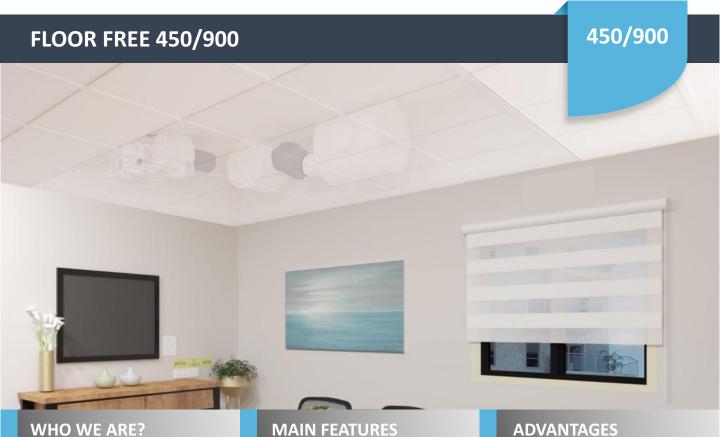


ENGINEERING A SAFER ENVIRONMENT



- 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
- 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

- Institutional system series is a series of air filtration systems for commercial and institutional applications.
- Each system includes :Electrical blower, Blast Valve Normally Open, Blast Valve Normally Close and 3 stages of filtration : Dust, Hepa and Chemical.
- Optional high wall / concealed installation to free up high value real estate or room in the shelter.
- Larger flow capacities can be achieved by combining various ARC systems or using our advanced BATTERY series.

ADVANTAGES

- Systems are available in various filtration sizes as 180,240,300,450,600, 900,1200 & 1800 m³/h
- Thousands of our units are protecting more than a million people in Israel.
- Complies with SII (Standards Institution of Israel) standard SI 4570 (part 1 to 4)
- Complies with Israel home front command regulation.
- Our systems comply and are certified for SII 4570
- They are regularly and continuously tested by the National Standards Institute.





APPLICATIONS

Institutes



Shopping Malls



Factories



Multiplex



Arcotech 360 Global Ltd.



+972-72-2515001



info@arcotech.co.il



www.arcotech.co.il

© 2023 by Arcotech Proprietary



1004 Hageffen St. Ganei Tal, POB 87, Gedera 7075002, Israel



ENGINEERING A SAFER ENVIRONMENT



TECHNICAL SPECIFICATIONS - FLOOR FREE 450/900

Technical Specifications	Values	Units
BLAST VALVE NOR	MALLY OPEN (BVNO 1000 8L)	
Airflow (Ventilation mode)	900	m³/h
Airflow (Filtration mode)	450	m³/h
Returned Pressure durability	>900(9)	kPa (bar)
Pressure drop (Ventilation mode)	38	mmWC
Pressure drop (Filtration mode)	11	mmWC
Weight of Anti-Blast Valve	40	Kg
AIR FILT	ER UNIT (AFU 450)	
Airflow rate	450	m³/h
Pressure Drop at Nominal Flow	50	mmWC
Weight of active carb	48	Kg
Weight of Air filter unit	120	Kg
Efficiency	≥99.995	%
CENTRIFUG	AL BLOWER (EBL 600)	
Airflow (Ventilation mode)	900	m³/h
Airflow (Filtration mode)	450	m³/h
Pressure drop (Ventilation mode)	139	mmWC
Pressure drop (Filtration mode)	162	mmWC
Electric motor (Voltage)	230	V
Electric motor (Current)	2.2	А
Manual operation	2	Person
Frequency	50/60	Hz
BLAST VALVE NORI	MALLY CLOSED (BVNC 300 8Y)	
Airflow (Ventilation mode)	900	m³/h
Airflow (Filtration mode)	450	m³/h
Returned pressure durability	>900 (9)	kPa (bar)
Pressure drop (Ventilation mode)	31	mmWC
Pressure drop (Filtration mode)	18	mmWC



FLOOR FREE 450/900 CMH

