



Saar - Residential CBRN Filtration System

Technical Spec

Approved by Israeli Home Defense Command & According to SII 4570 standard

Technical Spec

Ventilation mode airflow	54 m ³ /hr
Filtration mode airflow	36 m ³ /hr
Maximum room size	36 m ³
Protects up to	6 people
Dimensions:	
Width	50 cm
Height	40 cm
Depth	20 cm
Blast Valve ICV54	
Incident Pressure Durability:	900 KPa
Pressure drop @36/@54 m ³ /hr	90 / 200 Pascal
Over Pressure Valve OPV36	
Incident Pressure Durability:	900 KPa
Pressure drop @36/@54 m ³ /hr	160 / 270 Pascal
Electrical Blower EBU54	
Airflow rate	Filtration mode : 36 m ³ /hr
	Ventilation mode: 54m ³ /hr
Single Phase operation Voltage	240 V (AC)
Manual Backup Blower	
Airflow rate	36 m ³ /hr
Operated by	1 Person
CBRN Filter	
Airflow	36 m ³ /hr
Pressure drop @36 m ³ /hr	<600 Pascal

