

RFS mobile welding smoke purifier



Features

1. Mobile design for easy movement and positioning wherever needed.
2. Long service life, capable of continuous 24-hour operation.
3. Filter dust removal efficiency: Over 99% for particles larger than 0.3 μ m.
4. 2-meter mechanical flexible suction arm rotates freely 360 degrees as required.
5. Imported material filter cartridges ensure high filtration efficiency and extended lifespan.
6. Equipped with airflow adjustment valve for freely regulating suction capacity.
7. Intuitive control panel for simple, user-friendly operation.
8. Variable frequency drive (VFD) capability reduces energy consumption by over 25%.
9. Filter cartridges support extended air cleaning cycles (replaceable after 4000 hours of use).

Technical Parameter

Equipment Model	RFS-10 0-A	RFS-10 0-A	RFS-10 0-A	RFS-10 0-A	RFS-25 0	RFS-35 0
Power Supply	Three-phase 380V/50Hz					
Airflow Capacity (m ³ /h)	1000	1500	2500	1500	2500	3000
Power Rating (kW)	1.5	2.2	1.5	1.5	2.2	3
Filter element	Quantity	1	1	2	2	3
	Filter Area (m ²)	12	12	24	24	36
	Material	PTFE Nano-Coated Flame-Retardant Material				
	Cleaning	PC Pulse Manual Backwashing	PC Pulse Automatic Backwashing			
Noise (dB)	≤ 70					
Weight (approx. kg)	50	80	80	100	150	200
Dimension	675x48	700x73	700x73	700x73	700x73	980x73

s (LxWxH) mm	0x1000	5x1000	5x1000	5x1000	5x1000	5x1100
Air inlet diameter (A) mm	120	160	120	160	200	250