

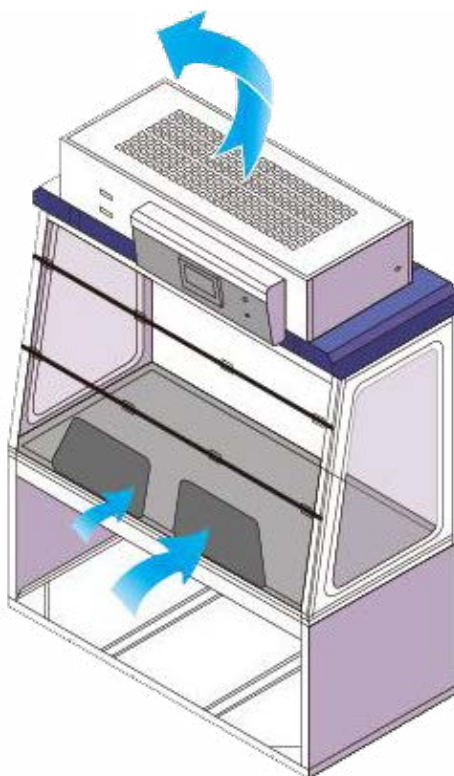


### SF-Series, Ductless Fume Hood

SF-Fume-Hood Series ductless filtered fume hood is compliance with NFX15 211:2009 (ANSI Z 9.5-201), ASHRAE 110:1995 standard and China national standard JG/T385:2012, and passed ISO9001 certificate. SF-Fume-Hood Series high performance ductless fume hood is designed for protecting operators during chemical experiment and ensure to protect the operators from toxic chemicals or poisons, and keep the purity of lab air.

#### Advantages:

- No duct, easy to install, no exhaust gas, modern and environmental protection.
- Optional filtration module system according to a variety of experiment needs.
- Advanced module filtration technology, full absorption of toxic vapor, particle & dust, etc.
- No consumption of air conditioning energy, high efficiently saving energy.
- Moving conveniently, nearby storage, easy to access, to improve the work efficiency.



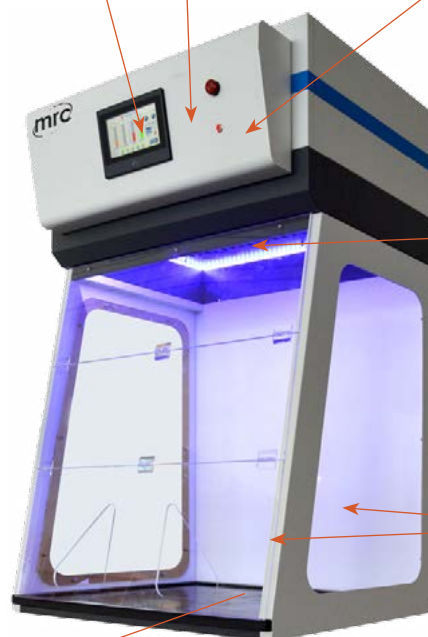
Advanced VOC Detector port detects pollution in time, with special alarm system

Unique designed LCD touch screen control system, which combine all data in one piece computer control panel easy to control fan speed and lighting etc and convenient to set up and monitor all data.

Silent turbine fan draws chemical vapors from bottles into a HEPA filter with high absorption capacity. No static, no spark & super silance motor. Various type filters to realize 99.99% high efficiently filtering.

Explosion proof lighting system are controlled by control panel.

Transparent acrylic glass >6mm thickness with good anti-corrosive performance. Two operation holes, reverse sash window design easy to access.



High quality solid physicoc:hemical working table with anti-corrosive, anti-impact high temperature resistant, abrasion resistant, and easy to clean.

#### Working Principle:

- The turbine motor draws the air from the outside of cabinet.
- The air brings the hazardous vapour into the filtration system.
- Choose a proper high efficient filter according to the chemicals.
- The hazardous air goes though molecular filter become fresh air.

Model	Specification	Configure	Optional Parts
SF-DS800	External Dimension (mm) W800 x D520 x H1290	Filters (pcs) 8 Fans (pcs) 1	UV Light HEPA Filter Movable Cart Physicochemical Board Worktop: solid physicochemical board, epoxy resin board
	Internal Dimension (mm) W764 x D540 x H860	Rated Voltage (V) 220~240	
	Air Capacity (m <sup>3</sup> /h) 230	Rated Current (A) ≤3	
	Air Velocity Setting (m <sup>3</sup> /h) 0~230	Frequency (HZ) 50~60	
	Lifespan of Fans (h) ≥60000	Light: Yes	Model: SF-FO: Organic chemicals SF-FI: Inorganic chemicals SF-HEPA: Chemical powder
	Fan Power (W) 42	Alarm: Yes	
	Fan Noise (dBA) ≤40	Control system (set): 1	
	Average Air Face Velocity(m/s) 0.4~0.6	Worktable: Epoxy resin board	
Operation Hole: Triangle			
SF-DS1000	External Dimension (mm) W1000 x D520 x H1315	Filters (pcs) 8 Fans (pcs) 1	UV Light HEPA Filter Movable Cart Physicochemical Board Worktop: solid physicochemical board, epoxy resin board
	Internal Dimension (mm) W971 x D512 x H885	Rated Voltage (V) 220~240	
	Air Capacity (m <sup>3</sup> /h) 230	Rated Current (A) ≤3	
	Air Velocity Setting (m <sup>3</sup> /h) 0~230	Frequency (HZ) 50~60	
	Lifespan of Fans (h) ≥60000	Light: Yes	Model: SF-FO: Organic chemicals SF-FI: Inorganic chemicals SF-HEPA: Chemical powder
	Fan Power (W) 42	Alarm: Yes	
	Fan Noise (dBA) ≤40	Control system (set): 1	
	Average Air Face Velocity(m/s) 0.4~0.6	Worktable: Epoxy resin board	
Operation Hole: Triangle			
SF-DM1275	External Dimension (mm) W1275 x D620 x H1340	Filters (pcs) 12 Fans (pcs) 2	UV Light HEPA Filter Movable Cart Physicochemical Board Worktop: solid physicochemical board, epoxy resin board
	Internal Dimension (mm) W1172 x D522 x H866	Rated Voltage (V) 220~240	
	Air Capacity (m <sup>3</sup> /h) 230	Rated Current (A) ≤3	
	Air Velocity Setting (m <sup>3</sup> /h) 0~230	Frequency (HZ) 50~60	
	Lifespan of Fans (h) ≥60000	Light: Yes	Model: SF-FO: Organic chemicals SF-FI: Inorganic chemicals SF-HEPA: Chemical powder
	Fan Power (W) 42	Alarm: Yes	
	Fan Noise (dBA) ≤40	Control system (set): 1	
	Average Air Face Velocity(m/s) 0.4~0.6	Worktable: Epoxy resin board	
Operation Hole: Triangle			
SF-DM1600	External Dimension (mm) W1600 x D620 x H1315	Filters (pcs) 16 Fans (pcs) 3	UV Light HEPA Filter Movable Cart Physicochemical Board Worktop: solid physicochemical board, epoxy resin board
	Internal Dimension (mm) W1572 x D522 x H866	Rated Voltage (V) 220~240	
	Air Capacity (m <sup>3</sup> /h) 230	Rated Current (A) ≤5.5	
	Air Velocity Setting (m <sup>3</sup> /h) 0~230	Frequency (HZ) 50~60	
	Lifespan of Fans (h) ≥60000	Light: Yes	Model: SF-FO: Organic chemicals SF-FI: Inorganic chemicals SF-HEPA: Chemical powder
	Fan Power (W) 42	Alarm: Yes	
	Fan Noise (dBA) ≤55	Control system (set): 1	
	Average Air Face Velocity(m/s) 0.4~0.6	Worktable: Epoxy resin board	
Operation Hole: Triangle			
SF-DL1600	External Dimension (mm) W1600 x D790 x H1495	Filters (pcs) 16 Fans (pcs) 3	UV Light HEPA Filter Movable Cart Physicochemical Board Worktop: solid physicochemical board, epoxy resin board
	Internal Dimension (mm) W1497 x D602 x H1014	Rated Voltage (V) 220~240	
	Air Capacity (m <sup>3</sup> /h) 230	Rated Current (A) ≤5.5	
	Air Velocity Setting (m <sup>3</sup> /h) 0~230	Frequency (HZ) 50~60	
	Lifespan of Fans (h) ≥60000	Light: Yes	Model: SF-FO: Organic chemicals SF-FI: Inorganic chemicals SF-HEPA: Chemical powder
	Fan Power (W) 110	Alarm: Yes	
	Fan Noise (dBA) ≤55	Control system (set): 1	
	Average Air Face Velocity(m/s) 0.4~0.6	Worktable: Epoxy resin board	
Operation Hole: Trapezium			