

My Hood

MS / MV Series

Safe, Easy-operation, Space-saving Fume Hoods

- Selectable interior material: stainless steel (for organic solvents) or hard polyethylene (for acid)
- Easy installation with simple wiring and plumbing
- Air is efficiently exhausted through the air flow regulation device
- Standard equipped with water valve, lighting lamp, power sockets and waste liquid recycling tank
- Various options such as blower unit, exhaust chamber and decorative panel
- Benchtop type available which can be used on laboratory table

Specifications

Model		MS90C-115V MS90C-220V	MV90C-115V MV90C-220V
Exhaust pipe	Exhaust damper	Stainless steel, inner diameter ϕ 150, outer diameter ϕ 152, Fixed by flange	Hard polyethylene, inner diameter ϕ 160, outer diameter ϕ 165, Fixed by flange
	Matched Pipe	Hard polyethylene, inner diameter ϕ 160, outer diameter ϕ 165	
Fluorescent light		1 pc.	
Water exhaust pipe		Hard polyethylene / Single tube fixed (outer diameter ϕ 40, Inner diameter ϕ 31)	
Material	Exterior	Cold-rolled steel plate, chemical proofing powder coating, with adjusting casters	
	Interior	Stainless steel (SUS304)	Hard polyethylene
	Working face	Stainless steel (SUS304)	Hard polyethylene
Glass door		Toughened glass 5mm. Close and open (up and down) with balance block	
Safety structure		Brake block to prevent door from falling down / Door opening extent sticker	Brake block to prevent door from falling down / Motor of exhaust fan
Air volume (m ³ / min) *		7	
Internal static pressure Pa (mm H ₂ O)		40 (4)	
Power source (50/60Hz)		Single phase 115V 10A Single phase 220V 5A Length of power cord: about 2m	
Worktop		Stainless steel (SUS304)	Hard polyethylene
Worktop load bearing		Uniformly-distributed load 50kg	
Standard type	External dimensions	W900 x D750 x H1850 mm	
	Weight (kg)	~130	120
Benchtop type	External dimensions	W900 x D750 x H1000 mm	
	Weight (kg)	~90	80
Temperature and humidity condition of location		5~35°C, 20~80% (no frosting)	
Tap		Gooseneck tap, nominal value 1/2B flexible tube, external or internal thread fixing	
Device of waste liquid		Unit body (tray): cold-rolled steel plate (chemical proofing powder coating), with casters, 20L polyurethane bottle, connecting tools of draining water (nut, hose, steel wire hoop)	
Included accessories		Fixing bolts for upper and lower bodies fixing, fixing fittings of wall and ground, tools for adjusting foot, cover of water outlet, shock pads, front operation panel	Flange, bolts for flange fixing, fixing bolts for upper and lower bodies fixing, fixing fittings of wall and ground, tools for adjusting foot

* Recommended value (controlling air speed of opening part: 0.5m/s when the door is half open)

Optional Items

No	Product code	Description	Specifications	Functions	MS/MV	MS-T/ MV-T
(1)	OMS-D200	Exhaust damper SUS ϕ 200	Stainless steel	Use when more air flow is needed. Substitute for standard SUS ϕ 150damper.	•	•
(2)	OMV-D200	Exhaust damper PVC ϕ 200	Hard polyethylene		•	•
(3)	OMS-F150	Blower unit	Hard polyethylene, Motor, Single phase 115V/0.2kw, Exhaust fan operation switch	Used as exhaust fan. Can be installed on the upper part of main unit. Cannot mount with exhaust damper simultaneously.	•	•
(4)	OMS-PN	Blower decorative panel	Steel plate (with chemical resistant coating)	Used to cover the exhaust fan.	•	•
(5)	OMS-FD	Flexible duct unit	Hard polyethylene ϕ 150x2m, with exhaust port	Resin made duct of exhaust bellows.	•	•
(6)	OMS-FS	Exhaust fan power switch	Tumbler switch (on/off), breaker, electromagnetic switch, single-phase 100V	Operation-Stop switch of exhaust fan	•	•
(7)	OMS-CN	Outlet unit	115V 15A with double earth	Supply of electrical appliances used in the hood.	•	-
(8)	OMS-FA	Faucet unit (additional)	Gooseneck faucet (T-41AS), water supply flexible hose	Light water work OK in the hood. Enables draining without drainage pipe when used in combination with liquid waste unit.	•	-
(9)	OMS-SC	Liquid waste unit	Main unit: Cold rolled steel plate, 25L plastic tank, with drain hose	Storage of waste liquid by connecting to the drain port of main unit.	•	-
(10)	OMS-CS	Caster set	Nylon caster ϕ 50	Easy to move. For safety, suspend casters when installing and using hood. Total height 25mm	•	-



MV90C-115V
MV90C-220V

Model list

Model	Specifications	
	Interior	Worktop
MS-90C	Stainless steel	Stainless steel
MV-90C	Hard polyethylene	Hard polyethylene
MS-90TC	Stainless steel	N/A
MV-90TC	Hard polyethylene	N/A

