

Central Dust Purifier

●Suitable for: welding fume, cutting fume dust, laser welding cutting fume, plasma cutting fume, polishing dust, drilling dust, mixing and cutting materials to produce

Performance description

- Integral structure, beautiful appearance, small area
- Anti-suction device, make the effect of cleaning more thorough
- Power supply condition monitoring: alarm for broken phase overvoltage and undervoltage to prevent motor and electrical components from damage
- Pneumatic condition monitoring: alarm of low pressure of gas source to prevent incomplete ash cleaning, differential gauge to visually show the use status of filter element, automatic pulse back blowing of high pressure difference
- Operation temperature monitoring: alarm system temperature is too high to prevent fire



Standard Configuration

- Filtration efficiency (> 99.9%) of main filter core (imported coated polyester fiber)
- Fault Phase Protection, Overload Protection, Air Pressure Monitoring and Temperature Monitoring Devices
- PLC Intelligent Control System
- Tricolor lamp
- Differential pressure gauge
- Observation window
- 75L Dust Collection Drawer *2
- Left and rear three-sided air intake (φ400-200)
- 10m Power cord
- Spark trap (large particle dust pre-filter)

Spare parts

- Frequency conversion system
- IO port (remote control)
- Explosion proof configuration
- Universal Flexible Arm (φ200)
- Suction duct (φ400)
- Ash bucket



Recommended working condition

Welding workstation (3m×2.5m×4m) ×2
Artificial Welding Station ×6
Plasma cutting and laser cutting (3060)
Continuous working condition with large workload

technical parameter

MLWF800	
Power	7.5KW
Voltage	380V/50Hz
Air Volume	7000-10500m³/h
Accuracy	0.3µm
Filter Material	Imported flame retardant coated polyester fibers
Filter Area	126m²
Filter Size	φ325*860mm (9branches)
Cleaning	Pulse back blow
Noise	75dBA
Size	1470*1240*2550mm
Weight	980Kg

Spare Parts List

MLWF800	
Name	Number
Main filter elementφ325*860mm	LX3286
Suction armφ160*2000mm	XQB1620
Suction armφ200*3000mm	XQB2030
Spiral duct	GD400
Suction hood mouth	ZK2015
Arc blind curtain	PL200