SYS-AIR M | Air Purifier

TECHNICAL DATA SHEET • Festool article 577784

Portable M-class air purifier for filtering airborne dust in professional workshops, construction sites and renovation areas. Complements source extraction; it does not replace suitable extraction at the tool.

Technical specifications

Article number	577784 (regional variants may differ)
Dust class	M; filtration efficiency > 99.9%
Power consumption	200 W
Maximum volume flow	680 m³/h
Preliminary filter area	8,600 cm²
Main filter area	24,600 cm²
Fan settings	2: Eco and maximum air circulation
Sound level	55–65 dB
Mains cable	7.5 m
Dimensions (L × W × H)	396 × 296 × 437 mm
Weight without accessories	9.9 kg
Transport weight incl. accessories	11.5 kg
Maximum socket connected load	2,200 W
Drive type	Mains-powered

Filtration and operation

Two-stage filtration: Replaceable VF-SYS-AIR preliminary filter collects most airborne dust before it reaches the HF-SYS-AIR M main filter. The large-surface TripleV main filter is designed for dust class M.

Filter indicator: Green indicates sufficient filter performance; red indicates that the filter is excessively loaded and the required air renewal rate is not being achieved.

Air distribution: Cleaned air exits upwards in three directions to limit disruptive air currents. Up to six compatible units may be connected in series, subject to the electrical rating.

SYS-AIR M | Applications & Accessories

OPERATING FEATURES • SUPPLIED EQUIPMENT • SAFETY

Typical applications

- Supplementary airborne dust filtration during sanding, sawing and drilling.
- Workshop air filtration and reduction of settled dust.
- Renovation and demolition areas where direct extraction is difficult.
- Mobile dust filtration at construction sites and temporary work areas.
- Targeted extraction near dust barriers using an optional 200 mm hose.

Key operating features

Room coverage	Up to 57 m² at three air changes per hour under Festool stated conditions.
Housing	Systainer³ M437 with carrying handle and T-LOC compatibility.
Air hose connection	200 mm connection; hose and adapter available separately.
Mounting / transport	Compatible with optional ceiling bracket and SYS-RB roll board.
Electrical connection	Integrated socket for compatible tools or additional SYS-AIR units.

Scope of delivery — article 577784

Included	SYS-AIR M air purifier
Included	VF-SYS-AIR preliminary filter
Included	HF-SYS-AIR M main filter
Optional, not included	200 mm air hose, adapter, ceiling bracket and roll board

Important safety and use notes

For M-class dust with occupational exposure limits > 0.1 mg/m³. Select the required dust class according to the materials and applicable workplace regulations. The SYS-AIR M is an ambient air purifier, not a substitute for appropriate source extraction, respiratory protection or ventilation controls. Follow the Festool operating instructions for filter changes, electrical loading and placement.

Manufacturer source: festool.com/products/dust-extractors/air-purifier/577784---sys-air-m

Independently prepared summary of published Festool data; not an official Festool-issued technical data sheet. Check the local article configuration and current operating manual before purchase or use.