SYS-AIR H | Air Purifier

Festool | Article 577789 | Dust class H

Mobile air purification for professional workshops, renovation work and construction sites.

TECHNICAL SPECIFICATIONS

Power consumption	200 W
Maximum volume flow	440 m³/h
Dust classification	H
Filtration efficiency	>99.995% (H-class main filter)
Preliminary filter area	8,600 cm²
Main filter area	24,600 cm²
Operating sound level	55–65 dB (manufacturer product listing)
Power cable length	7.5 m
Dimensions (L × W × H)	396 × 296 × 437 mm
Product weight without accessories	10.2 kg (current manufacturer listing)
Transport weight including accessories	11.6 kg
Max. connected socket load	2,200 W (regional electrical configuration applies)
Drive	Mains-powered

PRODUCT HIGHLIGHTS

Two-stage filtration combines a replaceable preliminary filter with a large-area TripleV H-class main filter. Two fan settings offer Eco operation or maximum circulation. A filter-condition signal warns when replacement is needed. Filtered air exits upwards in three directions to minimise dust disturbance.

Applications & Equipment

TYPICAL APPLICATIONS

Supplementary airborne dust filtration during renovation, demolition and workshop operations, especially where effective extraction at the source is difficult. Festool specifies three air changes per hour for rooms up to 28 m² under its stated assumptions. This is supplementary filtration, not a replacement for source extraction or required respiratory protection.

OPERATION & COMPATIBILITY

Format	Systainer³ M437 with carry handle and T-LOC
Airflow adjustment	Two settings: Eco and maximum
Air distribution	Upwards to left, right and rear
Air hose connection	Ø 200 mm optional hose and adapter
Multi-unit arrangement	Up to six units may be linked
Transport options	Compatible with SYS-RB roll board (accessory)
Filter monitoring	Visual status indication for filter condition
Storage	Power cable compartment in lid

STANDARD SCOPE OF DELIVERY

SYS-AIR H air purifier; VF-SYS-AIR preliminary filter; HF-SYS-AIR H/HEPA main filter. Optional hoses, adapters, suspension and transport accessories are not included unless expressly listed for a regional package.

SAFETY & SELECTION NOTES

Confirm the dust type, local regulations, room size and required ventilation rate before use. H-class filtration does not replace appropriate local exhaust ventilation, isolation or respiratory protection. Follow Festool operating instructions for filter handling and disposal. Regional mains connections and outlet ratings may differ.

MANUFACTURER REFERENCE

Festool SYS-AIR H (577789): https://www.festool.com/products/dust-extractors/air-purifier/577789---sys-air-h

Prepared independently from published Festool product information, October 2026. Not an official Festool-issued technical data sheet. Verify current specifications and local supply configuration before procurement.