

## EOLO FILTRATION UNIT FOR THE FILTRATION OF OIL MISTS AND DUST



### DESCRIPTION

The **EOLO** series Filtering Unit is a compact, new-generation unit designed for the elimination of oil mists and condensates. The modular filtration system achieves its maximum efficiency on semi-centralized systems of 4–6 machine tools.

The filtration stages are as follows:

- Gravitational Pre-chamber
- No. 2 Metallic Pre-filters in category G2
- Wide-surface Rigid Pocket Filter in category F7
- Wide-surface Rigid Pocket Filter in category F9
- Absolute Filter in category H13 (optional) Certification according to ISO EN 16890 and EN 1822 standards.

The system of increasingly refined progressive filtration stages allows **EOLO** to offer great operational flexibility, while simultaneously reducing maintenance for the final stages and the replacement of filtering elements. **EOLO** is a multi-functional filter that can discharge the air either back into the working environment or, via a dedicated duct, outdoors through an exhaust stack. Furthermore, the special design of the filtered air outlet significantly reduces the acoustic impact, with noise levels  $\leq 70$  dB(A). **EOLO** is supplied complete with its electrical panel and is ready to use (plug and play).

### SUPPLY

- EOLO Series Filters
- Direct Start Electrical Panel
- Oil Collection Hopper
- Motor with Removable Impeller
- Standard Color RAL 7016

### ACCESSORIES/OPTIONAL

- Industry 4.0 Electrical Panel
- Absolute Filter in category H13
- Custom Coloration
- Intake/Suction Fittings



PLUG & PLAY



COMPACT

4.0

INDUSTRY 4.0  
READY



EASY  
MAINTENANCE



CONFIGURABLE

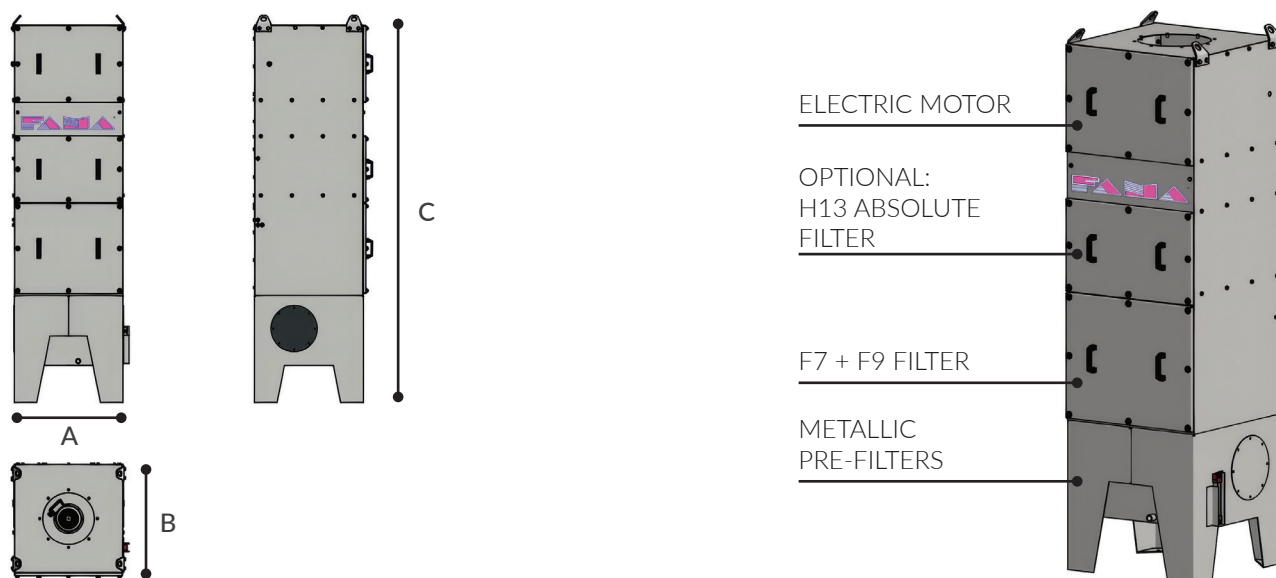
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OIL MIST AND DUST

### FEATURES

<b>A</b> - WIDTH [mm]	800
<b>B</b> - DEPTH [mm]	800
<b>C</b> - HEIGHT [mm]	2650
FILTRATION DEGREES	F7 - F9
FILTERING SURFACE [m <sup>2</sup> ]	25 - 44
MAXIMUM NOMINAL AIR FLOW [m <sup>3</sup> /h]	4000
POWER [kW]	2,2 / 3 / 4
NOISE [dB(A)]	≤ 70
WEIGHT [kg]	350 about

### CHARACTERISTICS

- Progressive Filtration Stages
- Ability to integrate the Absolute Filter for ISO EN 16890 and EN 1822 standard certification
- Prepared for connection to an external air expulsion stack/chimney
- Special design of the filtered air outlet that significantly reduces acoustic impact, resulting in a noise level ≤ 70dB(A)
- Front openings for maintenance access
- Maximum Nominal Filter Air Flow: 4.000 m<sup>3</sup>/h
- Capability for Industry 4.0 adaptation/compliance

### PROGRESSIVR FILTRATION STAGES

- Gravitational Pre-chamber
- G2 Metallic Pre-filters
- Wide-surface Rigid Pocket Filter in category F7
- Wide-surface Rigid Pocket Filter in category F9
- H13 absolute filter (optional) certified according to ISO EN 16890 and EN 1822 standards

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