

## T OIL FILTERS FOR THE FILTRATION OF OIL MISTS AND DUST



### DESCRIPTION

The **T OIL** series Filtering Units are compact, high-efficiency units specially designed for the elimination of oil mists and condensates.

The system consists of two types of pre-filtration: A gravitational stage, achieved by changing the air velocity inside the calming chamber with flow deflectors. A second stage consisting of metal mesh filters, which allow the concentration of oil mists. This is followed by a filtration stage with high-efficiency floppy pocket filters made of glass fiber, specifically designed and continuously tested for filtering oil mists. The system concludes with a fourth and final stage of rigid pocket filters in the F9 category.

### TECHNICAL DATA T4

Calming Chamber Pre-chamber with velocity < 2m/s – Inclination >15°

N°12 G2 category metallic Pre-filters

N°04 F9 category floppy pocket filters

N°04 F9 category rigid pocket filter

Containment Layer

N°02 Digital Clogging Indicators for filters

Hopper made of press-bent and painted sheet metal, RAL 7016, 30/10 mm thickness

Perimeter panelling made of press-bent galvanized sheet metal, 25/10 mm thickness

Front openings for maintenance

N°02 Inlet sleeves and  
N°02 Outlet sleeves

Nominal filter flow rate: 16.000 m³/h

Filtration efficiency 3 mg/m³

Filtering surface area: 107 m²

### TECHNICAL DATA T6

Calming Chamber Pre-chamber with velocity < 2m/s – Inclination >15°

N°18 G2 category metallic Pre-filters

N°06 F9 category floppy pocket filters

N°06 F9 category rigid pocket filter

Containment Layer

N°02 Digital Clogging Indicators for filters

Hopper made of press-bent and painted sheet metal, RAL 7016, 30/10 mm thickness

Perimeter panelling made of press-bent galvanized sheet metal, 25/10 mm thickness

Front openings for maintenance

N°03 Inlet sleeves and  
N°02 Outlet sleeves

Nominal filter flow rate: 24.000 m³/h

Filtration efficiency 3 mg/m³

Filtering surface area: 160 m²

### TECHNICAL DATA T8

Calming Chamber Pre-chamber with velocity < 2m/s – Inclination >15°

N°24 G2 category metallic Pre-filters

N°08 F9 category floppy pocket filters

N°08 F9 category rigid pocket filter

Containment Layer

N°02 Digital Clogging Indicators for filters

Hopper made of press-bent and painted sheet metal, RAL 7016, 30/10 mm thickness

Perimeter panelling made of press-bent galvanized sheet metal, 25/10 mm thickness

Front openings for maintenance

N°05 Inlet sleeves and  
N°03 Outlet sleeves

Nominal filter flow rate: 32.000 m³/h

Filtration efficiency 3 mg/m³

Filtering surface area: 215 m²



PLUG & PLAY



COMPACT

4.0

INDUSTRY 4.0  
READY



EASY  
MAINTENANCE



CONFIGURABLE

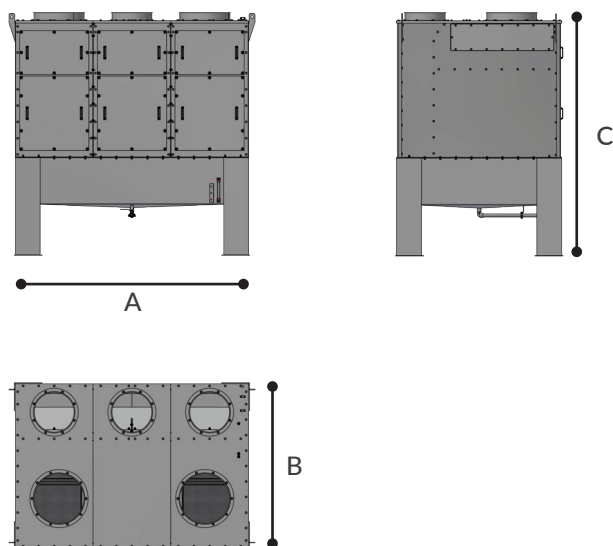
FAMA RESERVES THE RIGHT TO MAKE CHANGES TO THE PRODUCT WITHOUT NOTICE

Uffici e Produzione/Offices and production site: Via Moraro, 19 - 36030 Montebelluna Precalcino (VI) Italy - Tel.+39 0445 363950 fax +39 0445 386068

Sede Legale/ Registered office: Via S. Antonio,11- 36030 Fara Vicentino (VI) Italy C.F./P.I.: IT 02290490248 Cap. Soc. € 100.000,00 R.E.A. VI 220095

[www.famaproject.com](http://www.famaproject.com) e-mail [info@famaproject.com](mailto:info@famaproject.com)

## T OIL FILTERS FOR THE FILTRATION OF OIL MISTS AND DUST

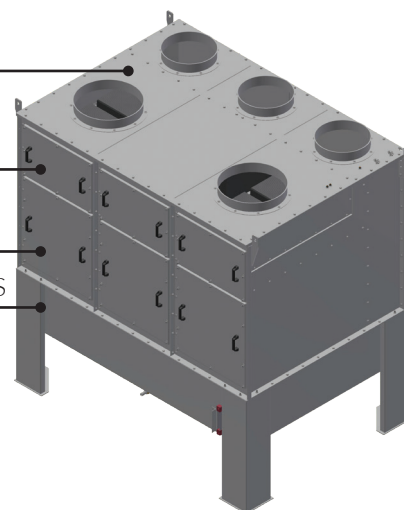


FILTER BODY

RIGID  
POCKET FILTERS

FLOPPY  
POCKET FILTERS

METALLIC PRE-FILTERS



MODEL	T4 OIL	T6 OIL	T8 OIL
A - LENGTH [mm]	1700	2500	3200
B - WIDTH [mm]	1650	1650	1650
C - HEIGHT [mm]	2400	2400	2400
N° FILTER SECTIONS	4	6	8
FILTERING SURFACE [m²]	107	160	215
FLOW RATE [m³/h]	16000	24000	32000
POWER [kW]	11/18,5	15/22	18,5/30
WEIGHT [kg]	800	1000	1400

### SUPPLY

- Calming Chamber Pre-chamber
- T OIL series Filters
- Galvanized sheet metal Hopper
- Galvanized perimeter panelling
- Differential pressure switches
- Electric fan/blower external to the filter

### ACCESSORIES/OPTIONALS

- Electrical panel with "Industry 4.0" compliance capability
- Custom color
- Automatic oil drain
- F7 and F9 category rigid drawer pocket filters
- H13 category absolute filter, certified according to ISO EN 16890 and EN 1822 standards

### TECHNICAL CHARACTERISTICS

- Compact
- High efficiency
- 4 filtration stages

- Helps meet the limits imposed by the strictest regulations
- Recovers condensed oil that can be reused

FAMA RESERVES THE RIGHT TO MAKE CHANGES TO THE PRODUCT WITHOUT NOTICE

Uffici e Produzione/Offices and production site: Via Moraro, 19 - 36030 Montebelluna (VI) Italy - Tel. +39 0445 363950 fax +39 0445 386068

Sede Legale/ Registered office: Via S. Antonio, 11 - 36030 Fara Vicentino (VI) Italy C.F./P.I.: IT 02290490248 Cap. Soc. € 100.000,00 R.E.A. VI 220095

[www.famaproject.com](http://www.famaproject.com) e-mail [info@famaproject.com](mailto:info@famaproject.com)