

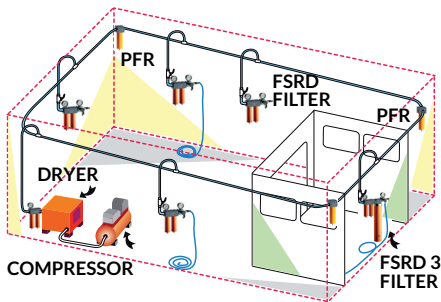
FILTER series

Walcom® series filter groups represent the maximum expression of quality in terms of compressed air treatment in bodyworks.

Line, drop line, paint booth: perfectly clean and filtered air is a must, and for this reason Walcom® has created a complete range of single and combined filter groups, able to fully eliminate all water, oil, dust and humidity residue from mains air, generating breathable air thanks to the active carbon filter.

The new /11 series combines a restyled look with higher efficiency which, thanks to the new air passage designs, guarantees 1200 l/min air flow, allowing for efficient bodyworks with even 2 spray guns.

EXAMPLE OF THE AIR PIPING IN THE BODY SHOP



Piping inclination 0.5 - 1% max



- 1 **AIR PASSAGES**
3/4" air passages with 1200 l/min capacity. Possibility of working with 2 spray guns.
- 2 **BAR**
CNC processed extruded and anodised aluminium bar and pipes.
- 3 **PRESSURE REGULATIONS**
High precision pressure regulator with pressure gauge.
- 4 **SATURATION INDICATORS**
Silica gel saturation indicators (FSRD 4 - FSRD 3 - ESR versions).
- 5 **DISCHARGE**
Automatic for water and manual for oil.



TYPE

ITEM ID

RECOMMENDED USE

FSRD 4

A modular filter system ideal for use in the painting booth.

Ref. 60138/11



- Central body: anodized aluminum
- Composition:
 - 1) Pre-filtering element in synthetic fibre for the elimination of condensation. Automatic discharge.
 - 2) Oil-separating filter for the elimination of residual pollutants. Manual drainage tap.
 - 3) Silica dryer group to reduce residual humidity in the compressed air. Nr. 3 saturation indicator lights.
 - 4) Active carbon filter to eliminate all impurities and obtain breathable air. Max oil residue < 0.0003 mg/m³.
- Pressure adjuster: membrane system and automatic decompression
- Air inlet: F 3/4"; air outlet: n° 2 from M 1/4"
- Filtering power: air 5 µ - oil 0.01 µ
- Operating air pressure: 12 bar
- Air consumption: 1200 l/min. to 6 bar
- Weight: 11 Kg



FSRD 3

A modular filter system ideal for use in the painting booth.

Ref. 60123/11



- Central body: anodized aluminum
- Composition:
 - 1) Pre-filtering element in synthetic fibre for the elimination of condensation. Automatic discharge.
 - 2) Oil-separating filter for the elimination of residual pollutants. Manual drainage tap.
 - 3) Silica dryer group to reduce residual humidity in the compressed air. Nr. 3 saturation indicator lights.
 - 4) Filter to eliminate dust generated by silica, 5 µ filtering capacity.
- Pressure adjuster: membrane system and automatic decompression
- Air inlet: F 3/4"; air outlet: n° 2 from M 1/4"
- Filtering power: air 5 µ - oil 0.01 µ
- Operating air pressure: 12 bar
- Air consumption: 1200 l/min. to 6 bar
- Weight: 11 Kg



FSRD 2

A modular filter system ideal for use in the painting booth.

Ref. 60145/11



- Central body: anodized aluminum
- Composition:
 - 1) Pre-filtering element in synthetic fibre for the elimination of condensation. Automatic discharge.
 - 2) Oil-separating filter for the elimination of residual pollutants. Manual drainage tap.
 - 3) Active carbon filter to eliminate all impurities and obtain breathable air. Max oil residue < 0.0003 mg/m³.
- Pressure adjuster: membrane system and automatic decompression
- Air inlet: F 3/4"; air outlet: n° 2 from M 1/4"
- Filtering power: air 5 µ - oil 0.01 µ
- Operating air pressure: 12 bar
- Air consumption: 1200 l/min. to 6 bar
- Weight: 7 Kg



TYPE

ITEM ID

RECOMMENDED USE

FSRD

Air treatment system excellent for use in car-body workshops and industry.

Ref. 60121/11



- Central body: anodized aluminum
- Composition:
 - 1) Pre-filtering element in synthetic fibre for the elimination of condensation. Automatic discharge.
 - 2) Oil-separating filter for the elimination of residual pollutants. Manual drainage tap.
- Pressure adjuster: membrane system and automatic decompression
- Air inlet: F 3/4"; air outlet: n° 2 from M 1/4"
- Filtering power: air 5 µ - oil 0.01 µ
- Operating air pressure: 12 bar
- Air consumption: 1200 l/min. to 6 bar
- Weight: 4.7 Kg



FCA

Active carbon filter to eliminate all impurities and obtain breathable air, max oil residue < 0.0003 mg/m³.

Ref. 60139/11



- Central body: anodized aluminum
- Air inlet: F 3/4"; air outlet: F 1/2"
- Operating air pressure: 12 bar
- Air consumption: 1200 l/min. to 6 bar
- Weight: 2 Kg



PFR

Filter unit for the elimination of condensation.

Ref. 60127/11



- Composition: Synthetic fibre pre-filtering element to eliminate condensation. Automatic drain.
- Central body: anodized aluminum
- Pressure adjuster: membrane system and automatic decompression
- Air inlet: F 3/4"; air outlet: n° 2 from M 1/4"
- Filtering power: air 5 µ
- Operating air pressure: 12 bar
- Air consumption: 1200 l/min. to 6 bar
- Weight: 3.45 Kg



FILTERS

TYPE

ITEM ID

RECOMMENDED USE

ESR

Silica drying unit, to eliminate residual humidity in compressed air, to be used in combination with an air pre-filtering group in a painting booth. Provided with an indicator to show saturation of the silica which can be replaced or regenerated (4 hours at 120° C).

Ref. 60129/11



- Filter to eliminate dust generated by silica 5 µ.
- Central body: anodized aluminum
- Pressure adjuster: membrane system and automatic decompression
- Air inlet: F 3/4"; air outlet: n° 2 from M 1/4"
- Filtering power: air 5 µ
- Operating air pressure: 12 bar
- Air consumption: 1200 l/min. to 6 bar
- Weight: 11.5 Kg



THK

The kit comes in a case for scheduled FSRD4 annual equipment maintenance. **Ref. 60134**
The kit comes in a case for scheduled FSRD3 annual equipment maintenance. **Ref. 60168**



Composition:

- nr. 1 synthetic fibre water filter: to be replaced once a year;
- nr. 1 coalescent oil filter: to be replaced once a year;
- nr. 2 active carbon filters: to be replaced every 6 months (only Ref. 60134);
- nr. 1 1.3 kg silica gel packaging.
- Weight: 2.28 Kg FSRD4 - Weight: 2.18 Kg FSRD3



SPARE PARTS FOR AIR FILTRATION SYSTEM



① Water filter

Synthetic fiber to eliminate condensation. Filtration capacity 5 micron.

Ref. 3064087

- Packaging: 1 pz.
- Weight: 59 g

② Oil filter

Cartridge to eliminate oil impurities. Filtration capacity 0.01 micron

Ref. 3063162

- Packaging: 1 pz.
- Weight: 79 g

③ Silica gel

Silica gel beans to remove any residual humidity (it can be regenerated in 4 h at 120°C, it can last maximum 1 year).

Ref. 3063096

- Packaging: 1 pz.
- Weight: 1.3 Kg

④ Active charcoal

This filter remove any residual impurities, gas or vapor. Max residual <0.00003mg/m3 **Ref. 3064003A**

- Packaging: 1 pz.
- Weight: 8 g

