

Cartridge Engine Air Filters – Racor ECO, AF, and EA Series | #AFSF8

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Racor Cartridge Engine Air Filters ensure delivery of clean, purified air into gasoline and diesel engines. They come available with a wide range of flow rate and mounting options, making them suitable for use in any engine or application.

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Technical Specifications

Pre-Cleaner:

Static Vane

Filter Element Type:

Primary Air and Safety Filters

Flow Range:

212 to 282 cfm (6.0 to 8.0 m³/m)

Maximum Flow Rate:

400 cfm (12 m³/m)

Connection Type:

Straight

Materials of Construction:

Coated Steel

Application:

Heavy Dust

Brand:

Racor

Product Series:

AFSF, Cartridge Air

For Fluid Type:

Engine Air

Outlet Connection Size:

3 in/7.6 cm

Output Power:

90 to 120 HP (67 to 90 KW) HP

Inlet Connection Size:

3 in/7.6 cm

Length:

17.5 in/44.5 cm

Outside Diameter:

8.5 in/21.6 cm

Mounting Position:

Horizontal

Compatible Mounting Clamp:

Included

Compatible Element:

Primary: AR6144

Accessories Included:

See literature on Product Support tab

Item Information

Racor AFSF Air Filter Series – About:

Racor AFSF Series standard air filters are heavy-duty three-stage air filters for on-highway and stationary applications and are designed to be connected to the air intake of gasoline or diesel engines. They have a static vane first stage, followed by standard primary and safety elements. The housing and universal mounting bracket are powder coated steel for a durable, corrosion resistant finish. The standard tube-style inlet is suitable for use with Racor dynamic rotor pre-cleaners.

Racor AFSF Air Filter Series - How They Work:

Air flows through stationary vanes causing the entering air to spin. The resulting centrifugal force separates the heaviest impurities (dust, dirt, insects and other debris) from the air stream. These contaminants are discharged automatically through an integral evacuator valve. Only purified air flows to the air filters (primary and safety stages of filtration).

Racor AFSF Air Filter Series - Additional Features and Benefits:

- Flow Range: 53 to 1517 cfm (1.5 to 43 m³/min) (Depending on product selected)
- Engine Power Range: 30 to 450 HP (22 to 336 KW) (Depending on product selected)
- Pre-cleaner static vanes remove up to 90% of large contaminants
- Horizontal mounting
- Safety element is standard
- Powder coated steel housing and bracket
- Includes mounting bands

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