

Dynamic Engine Air Precleaners – Racor AFAP, AFHP, AFUP, EACP, Spinaire Series | #AFHP31

 [View Series Page](#)



Local Contact

Parker Sales Company UK

Tachbrook Park Drive

Tachbrook Park

Warwick

United Kingdom

CV34 6TU

Phone

+44 (0)1926 317878

Get your Parker account Today!

Create one account to manage everything you do with Parker, from your shopping preferences to your application access.



AFHP Dynamic Engine Air Pre-Cleaners clean the intake air before it reaches the filter.

[Share / Email](#)

Technical Specifications

Series:

AFHP

Maximum Flow Rate:

124 cfm / 3.5 m³/m

Outlet Connection:

3.0 in / 7.6 cm

Product Series:

Dynamic Engine Air Pre-Cleaners

Brand:

Racor

For Fluid Type:

Engine Air

Application:

Heavy Duty On-Highway

Weight:

2.4 lb / 1.1 kg

Height:

6.1 in / 15.5 cm

Outside Diameter:

7.0 in / 17.8 cm

Materials of Construction:

Coated Steel

Item Information

Racor AFHP Series Dynamic Engine Air Pre-Cleaners

Racor AFHP Engine Air Pre-Cleaners are designed to be mounted on or connected to the air intake of an air filter housing on gasoline or diesel engines.

AFHP Engine Air Pre-Cleaners are usually installed in place of the rain cap, dust bowl, or aspirated pre-cleaner (exhaust system). In some applications, they can be mounted directly to the air cleaner inlet.

Equipment operated in dusty environments requires more periodic maintenance and they experience more down time. The filter in the air cleaner requires more frequent replacement as the level of airborne dust increases. A plugged filter reduces power, fuel economy, and engine component life. Racor dynamic air pre-cleaners

How they work:

Air enters the pre-cleaner system through a screen that removes large debris. Air then flows through static vanes causing the air to spin. As the air spins, centrifugal force separates up to 90% of the dust, dirt, insects, rain, and snow from the air stream. The swirling air drives a high velocity rotor that acts as a blower evacuating contaminants through special discharge ports at the bottom or in the side of the unit. Only purified air flows to the air filters.

Consult factory or literature for final determination of part numbers, applications, required air flows and accessories. Plastic outlet reduction sleeves are provided with each assembly.

AFHP: Heavy duty On-highway air pre-cleaners for all fast moving mobile equipment applications including trucks, buses and recreational vehicles. Material is coated steel. Air flow 53 to 1411 cfm (1.5 to 40 m³/min) depending on product selected.

Benefits of AFHP Dynamic Engine Air Pre-Cleaners:

- Easy to install. Plastic outlet reduction sleeves are provided with each assembly
- AFHP Pre-Cleaners remove up to 80% of air contamination before air enters the filter
- Reduces down-time, prolongs engine, air filter, and turbocharger life
- Saves on fuel costs
- High air flow, low pressure differential design
- Self Cleaning, low maintenance
- Sealed bearings

Applications Include:

- Trucks, buses and recreational vehicles
- All fast moving mobile equipment applications

— Show Less

CAD Drawings + Files

No CAD files available



Parker Sales Company UK

+44 (0)1926 317878

parker.uk@parker.com

Company Information

+ Global Operations

+ Help & Support

+ Follow Us :

© PARKER HANNIFIN CORP 2023

ENGINEERING YOUR SUCCESS.

[SITE MAP](#) [SAFETY](#) [PRIVACY POLICIES](#) [TERMS AND CONDITIONS](#)