

Spinaire Pre-Cleaner

On New Holland Tractor

Market Application Publication



Application

Air pre-cleaner mounted on New Holland Tractor.

The Problem

Due to the dusty environment, the air filter elements were getting plugged twice a day and needed to be cleaned. The elements had to be replaced every three days.

Why was Racor chosen as the solution?

Racor has a wide selection of pre-cleaners available. A Racor Spinaire pre-cleaner was suggested to extend element changes.

Contact Information

Parker Hannifin Corporation
Racor Division
P.O. Box 3208
3400 Finch Road
Modesto, CA 95353

phone 800 344 3286
209 521 7860
fax 209 529 3278
racor@parker.com

www.parker.com/racor



How the Solution Works

Since putting the Racor Spinaire pre-cleaner on, the customer does not have to clean the element twice a day and has gone to changing the element every 3 weeks, rather than every three days.

Product Features

Works for a wide range of applications and flow rates. Steel housing, black powder coat or stainless steel. High air flow, low differential design. The Spinaire pre-cleaner is self-powered and self-cleaning, requiring no electrical or exhaust gas power to dispose of separated particles. It requires no maintenance and should be inspected occasionally to insure that no foreign material has plugged intake or exhaust port areas.



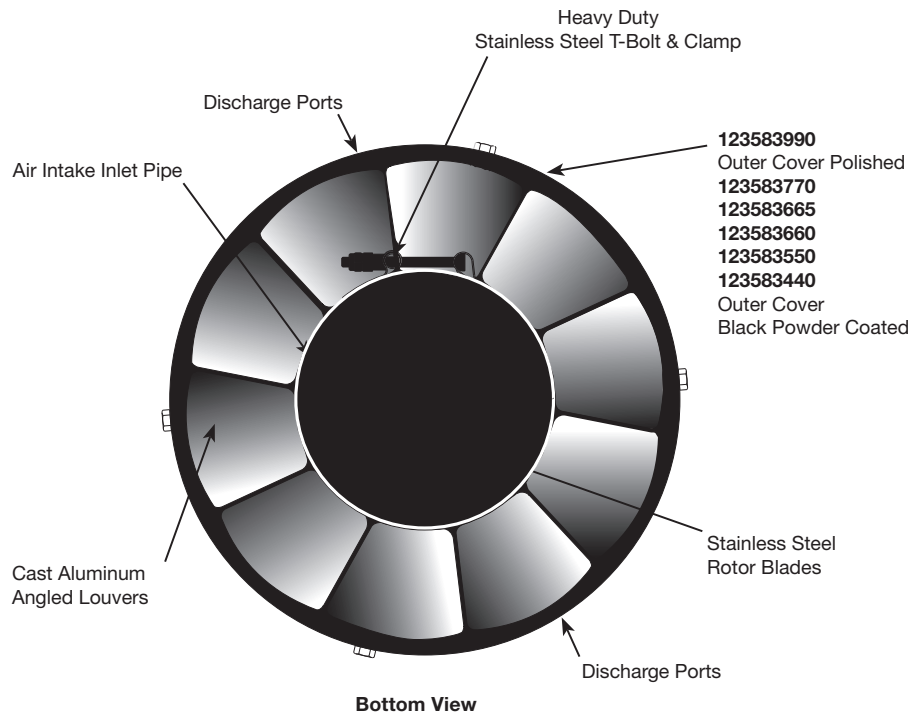
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INTERNAL USE ONLY

Spinaire Pre-cleaners

Specifications	123583440	123583550	123583660	123583665	123583770	123583990
Maximum Flow Rate	300 CFM (8.5 CMM)	520 CFM (14.7 CMM)	740 CFM (21.0 CMM)	580 CFM (16.4 CMM)	1190 CFM (33.7 CMM)	1850 CFM (52.4 CMM)
Height	4.8 in. (12.2 cm)	7.1 in. (18.0 cm)	7.1 in. (18.0 cm)	7.1 in. (18.0 cm)	7.3 in. (18.5 cm)	8.1 in. (20.3 cm)
Weight	5.0 lbs (2.3 kg)	8.0 lbs (3.6 kg)	9.0 lbs (4.1 kg)	8.0 lbs (3.6 kg)	11.0 lbs (5.0 kg)	14.0 lbs (6.3 kg)
Diameter	8.3 in. (21.1 cm)	10.6 in. (26.9 cm)	12.3 in. (31.2 cm)	10.6 in. (26.9 cm)	14.1 in. (35.8 cm)	17.1 in. (43.4 cm)
Inlet Diameter	4.0 in. (10.2 cm)	5.0 in. (12.7 cm)	6.0 in. (15.2 cm)	6.0 in. (15.2 cm)	7.0 in. (17.8 cm)	9.0 in. (22.9 cm)

Notes:
 CFM = cubic feet per minute
 CMM = cubic meters per minute



Parker Hannifin Corporation
Filtration Group Global Headquarters
 6035 Parkland Boulevard
 Cleveland, OH 44124-4141
 phone 216 896 3000
 fax 216 896 4021
www.parker.com/racor