

DYNAMIC ENGINE AIR PRECLEANERS **COMPACT SERIES. INTERIOR / EXTERIOR**

3,5 to 40,0

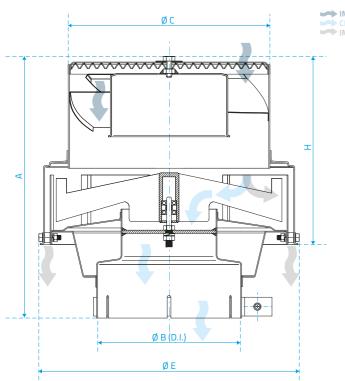
Bullnose

MODEL	AIRFLOW RANGE (2) m³/min (CFM)	HORSEPOWER (1) RANGE HP (Kw)	WEIGHT Kg. (Lbs.)	A mm (")	H mm (")	ØC mm (")	ØE mm (")	ØB Outlet Size. mm (")
MO 404	3.5 - 7.0 (124 - 247)	60 - 120 (45 - 90)	1.70 (3.75)	235 (9.25)	153 (6.02)	153 (6.02)	199 (7.83)	102; 82; 76; 70 (4; 3.25; 3; 2.75)
808 OM	7.0 - 11.0 (247 - 388)	120 - 160 (90 - 120)	2.25 (5.00)	240 (9.45)	167 (6.57)	181 (7.13)	243 (9.57)	133; 114; 110; 102; 82 (5.25; 4.5; 4.33; 4; 3.25)
MO 909	11.0 - 15.0 (388 - 530)	160 - 220 (120 - 165)	3.30 (7.30)	272 (10.71)	194 (7.64)	214 (8.43)	276 (10.87)	152; 133; 127; 114; 102 (6; 5.25; 5; 4.5; 4)
GR 103	15.0 - 22.0 (530 - 776)	220 - 300 (165 - 225)	4.15 (9.15)	315 (12.40)	237 (9.33)	255 (10.04)	311 (12.24)	280; 178; 152; 133; 114; 102 (11; 7; 6; 5.25; 4.5; 4)
GR 403	22.0 - 30.0 (776 - 1059)	300 - 400 (225 - 300)	5.35 (11.80)	345 (13.58)	259 (10.20)	310 (12.20)	370 (14.57)	280; 203; 178; 152 (11; 8; 7; 6)
GR 505	30.0 - 40.0 (1059 - 1411)	400 - 550 (298 - 410)	7.50 (16.50)	358 (14.09)	275 (10.83)	375 (14.76)	437 (17.20)	330; 254; 210; 203; 178 (13; 10; 8.26; 8; 7)

(1) In turbocharged or turbo-aftercooled engines the correct model selection is based on the maximum air flow.(2) in normally aspirated engines the model selection by horsepower range is just a recommendation.

(3) The height "A" varies by diameter 0B. The value given is the tallest team in each family.

(4) The diameters 98 (Ditutlet Size) are the standard inside diameters. From these the outlet tube can be adapted with reducing sleeves for a variety of smaller outlet choices. These sleeves are provided from 0 7" to 0 2.5" generally in 1/4" or 1/2" steps Oblan's a, has the right to modify the information contained in this brochure without its previous advis-



intake

HOW THEY WORK

O'CUATRO Engine Air Precleaners can be installed in interior or exterior applications. If the application is exterior there must be horizontal mounting to avoid rain intrusion. Air enters the system through a pre-screen that removes large debris. It then flows through static vanes causing the air to spin. As the air spins, centrifugal force separates 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

1. Screen (air intake) 6. Discharge Ports 2. Static Vanes 7. Outlet Pipe (to air cleaner) 3. Hosing 8. Clamp 4. Two Ball Bearings 5. Rotor (spinner)

These Air Precleaners consist of a steel housing with static vanes and a rust-proof rotor mounted on dual ball bearings over-double-welded plate steel. The electro-welded metal pre-screen at the inlet is standard. The outlet tube can be adapted with the supplied reducing sleeves for a variety of outlet choices.

OCUATRO Engine Air Precleaners are powder coated for a durable, corrosion resistant finish. Air flows range from 124 to 1411 CFM (3.5 to 40.0 m3/min.).

APPLICATIONS



O'CUATRO Engine Air Precleaners are designed to be mounted on or connected to the air filter intake of a gasoline, diesel or machinery; earth moving, construction and mining equipment; pumping plants; generator sets; material handling equipment; snow removal equipment and street sweepers, etc.





EFFICIENCY

rain, etc.) Before they

Occasionally check that no foreign material to block the air intake areas,

or discharge of particles.

© 90%

Removes up to 90% of impurities (dust, snow,

AIR FILTER

© 50%

LESS MAINTENANCE Reduce down time

MORE SHELF LIFE Prolong engine and turbocharger life.

SAVING Save up to 10 %

EASY TO INSTALL Three plastic outlet reduction sleeves are provided with each

VERSATILITY Wide range of applications and flow



DURABILITY Steel housing powder coat.



SELF-PROPELLED No required electricity connection to the



SELF-CLEANING They require virtually



AIR FLOW Large airflow, low values of additional



advanced filtration technology

OBLANSA

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