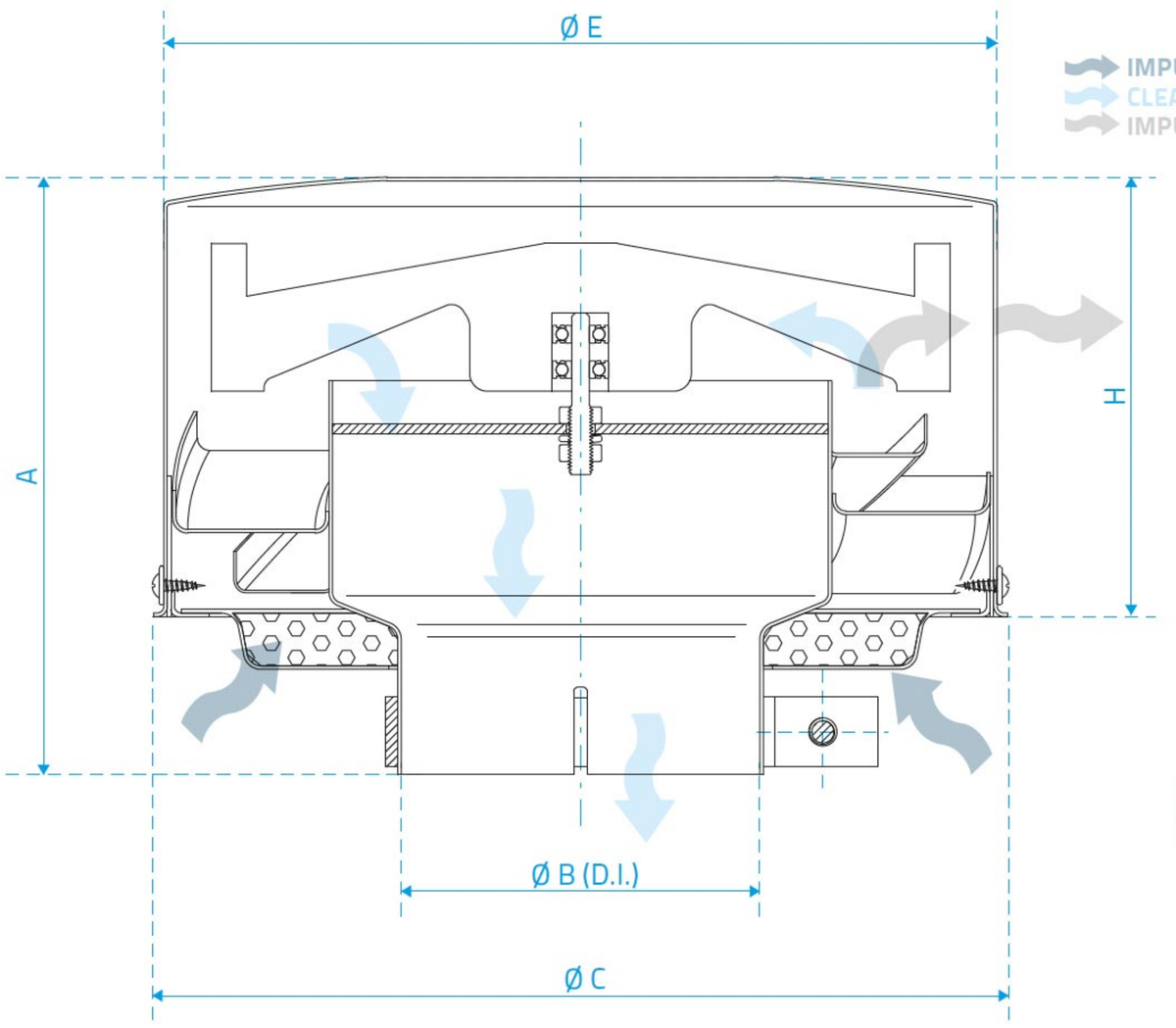
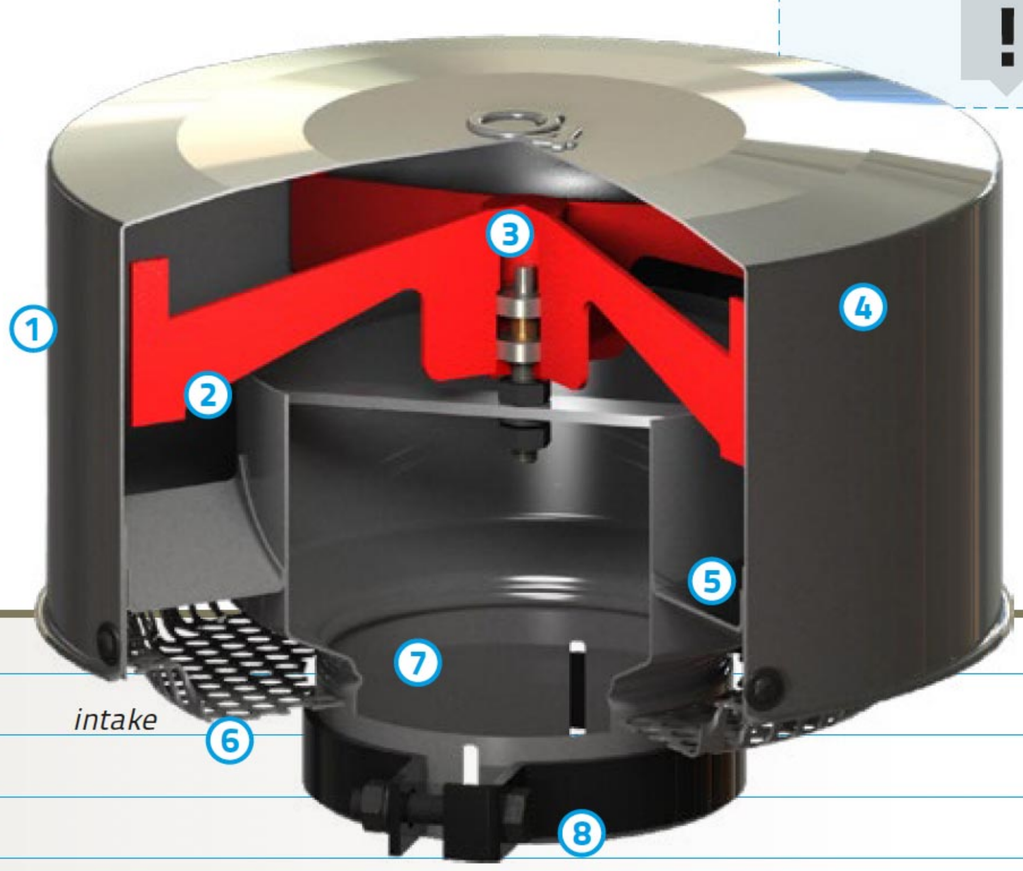
KC

MODEL	AIRFLOW RANGE (1) m³/min (CFM)	HORSEPOWER RANGE (2) HP (Kw)	WEIGHT Kg. (Lbs.)	Dimensions A mm (") (3)	H mm (")	ØC mm (")	ØE mm (")	ØB Outlet Size. mm (") (4)
KC 11	0.6 - 1.4 (21 - 50)	10 - 25 (7 - 19)	0.40 (0.90)	94 (3.70)	62 (2.44)	113 (4.45)	108 (4.25)	38 (1.5)
KC 21	1.0 - 1.5 (35 - 53)	15 - 30 (11 - 22)	0.50 (1.10)	102 (4.00)	70 (2.76)	133 (5.25)	124 (4.88)	51 (2)
KC 31	1.5 - 3.5 (53 - 124)	30 - 60 (22 - 45)	1.20 (2.65)	164 (6.46)	106 (4.17)	178 (7)	167 (6.57)	76 (3)
KC 41	3.5 - 7.0 (124 - 247)	60 - 120 (45 - 90)	1.30 (2.87)	162 (6.38)	108 (4.25)	199 (7.83)	187 (7.36)	102; 82 (4; 3.25)
KC 81	7.0 - 11.0 (247 - 388)	120 - 160 (90 - 120)	1.80 (4.00)	174 (6.85)	125 (4.92)	243 (9.56)	233 (9.17)	127; 114; 102; 82 (5; 4.5; 4; 3.25)
KC 91	11.0 - 15.0 (388 - 530)	160 - 220 (120 - 165)	2.40 (5.30)	208 (8.18)	152 (5.98)	273 (10.74)	267 (10.51)	133; 114 (5.25; 4.5)
KC 111	15.0 - 22.0 (530 - 776)	220 - 300 (165 - 225)	2.90 (6.40)	233 (9.17)	154 (6.06)	309 (12.16)	298 (11.73)	178; 152; 133 (7; 6; 5.25)
KC 211	22.0 - 30.0 (776 - 1059)	300 - 400 (225 - 300)	3.40 (7.50)	200 (7.87)	160 (6.30)	359 (14.13)	348 (13.70)	203; 178; 152 (8; 7; 6)
KC 411	30.0 - 40.0 (1059 - 1411)	400 - 550 (300 - 410)	5.20 (11.50)	243 (9.56)	183 (7.20)	440 (17.32)	427 (16.81)	203; 178 (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 ØB. The value given is the tallest team in each family.
(4) The diameters ØB (Outlet 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 Ø 7" to Ø 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 advise.



Occasionally check that no foreign material to block the air intake areas, or discharge of particles.



HOW THEY WORK

O'CUATRO Engine Air Precleaners are usually installed in place of the rain cap, dust bowl, or aspirated precleaner (exhaust system). In some applications, they can be mounted directly to the air cleaner.
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 in the side of the unit. Only purified air flows to the air filter elements.

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