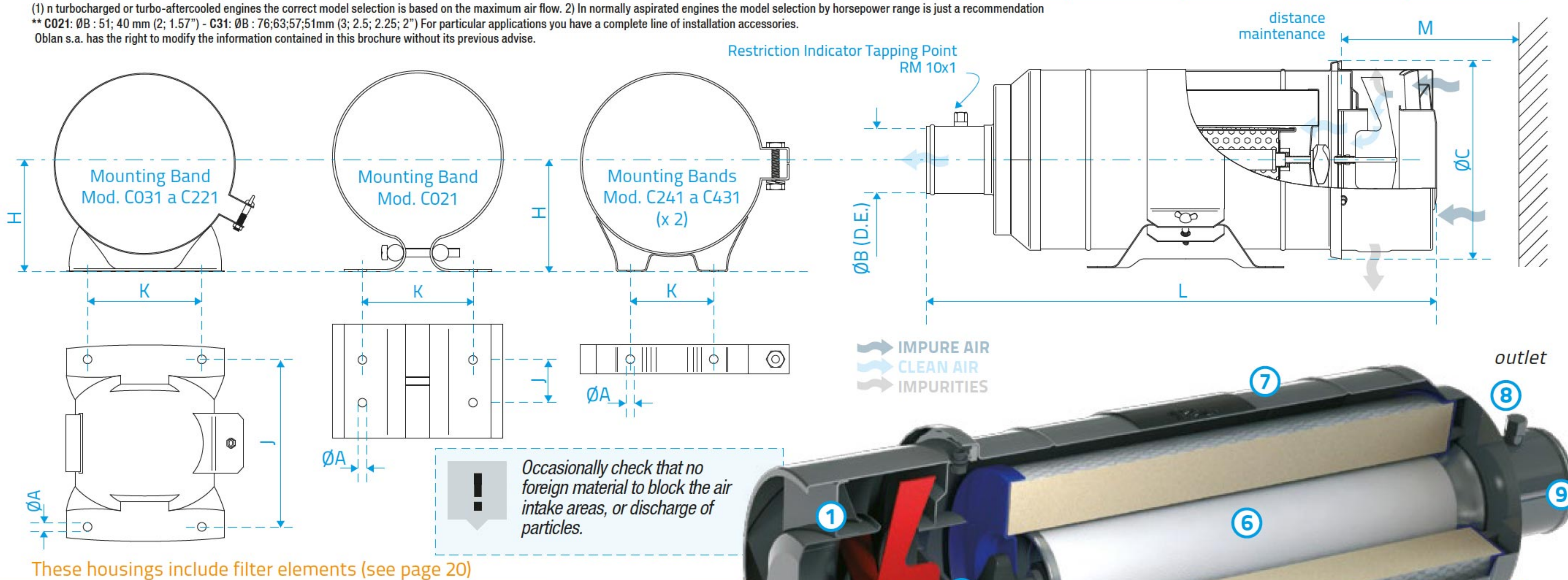


MOD.	AIRFLOW RANGE m ³ /min (CFM) ⁽¹⁾	HORSEPOWER RANGE HP (Kw) ⁽²⁾	WEIGHT Kg. (Lbs.)	Dimensions							
				L mm (")	H mm (")	J mm (")	K mm (")	ØA mm (")	ØB mm (")	ØC mm (")	M mm (")
C 021	0,5 - 2,0 (18 - 71)	10 - 50 (8 - 38)	1,90 (4,19)	335 (13.19)	90 (3.54)	45 (1.77)	100 (3.94)	9 (0.35)	40 (1.57)**	156 (6.14)	152 (6)
C 031	1,0 - 3,5 (35 - 124)	20 - 70 (15 - 52)	3,50 (7,70)	406 (15.98)	85 (3.34)	175 (6.89)	120 (4.72)	9 (0.35)	63 (2.5)**	168 (6.61)	200 (7.87)
C 051	1,5 - 3,5 (53 - 124)	30 - 70 (22 - 52)	3,90 (8,60)	413 (16.25)	95 (3.74)	175 (6.89)	120 (4.72)	9 (0.35)	63 (2.5)	188 (7.40)	200 (7.87)
C 071	3,5 - 4,5 (124 - 159)	50 - 70 (37 - 52)	4,70 (10,35)	487 (19.17)	95 (3.74)	175 (6.89)	120 (4.72)	9 (0.35)	63 (2.5)	188 (7.40)	280 (11.02)
C 081	4,5 - 6,0 (159 - 212)	70 - 80 (52 - 60)	5,75 (12,70)	520 (20.47)	108 (4.25)	175 (6.89)	120 (4.72)	9 (0.35)	70 (2.75)	204 (8.03)	315 (12.40)
C 101	5,0 - 7,0 (176 - 247)	75 - 100 (56 - 75)	6,50 (14,30)	430 (16.93)	140 (5.51)	255 (10.04)	161 (6.34)	9 (0.35)	76 (3)	254 (10)	230 (9.06)
C 121	6,0 - 8,0 (212 - 282)	80 - 110 (60 - 82)	7,50 (16,50)	597 (23.50)	125 (4.92)	255 (10.04)	161 (6.34)	9 (0.35)	76 (3)	232 (9.13)	325 (12.80)
C 181	8,0 - 12,0 (282 - 423)	110 - 150 (82 - 112)	9,20 (20,30)	616 (24.25)	140 (5.51)	255 (10.04)	161 (6.34)	9 (0.35)	102 (4)	252 (9.92)	360 (14.17)
C 221	12,0 - 15,0 (423 - 529)	150 - 180 (112 - 135)	11,00 (24,20)	647 (25.47)	152 (6)	255 (10.04)	161 (6.34)	9 (0.35)	102 (4)	288 (11.34)	385 (15.16)
C 241	15,0 - 18,0 (529 - 635)	180 - 215 (135 - 160)	13,50 (29,70)	710 (27.95)	152 (6)	-	140 (5.51)	10 (0.39)	102 (4)	310 (12.20)	440 (17.32)
C 251	18,0 - 20,0 (635 - 706)	215 - 240 (160 - 179)	13,60 (30,00)	714 (28.11)	206 (8.11)	-	140 (5.51)	10 (0.39)	133 (5.25)	337 (13.27)	420 (16.54)
C 261	20,0 - 21,0 (706 - 741)	200 - 260 (149 - 194)	14,50 (31,90)	780 (30.71)	206 (8.11)	-	140 (5.51)	10 (0.39)	130 (5.12)	337 (13.27)	500 (19.68)
C 311	21,0 - 28,0 (741 - 988)	260 - 320 (194 - 239)	16,70 (36,80)	785 (30.90)	205 (8.07)	-	205 (8.07)	10 (0.39)	152 (6)	365 (14.37)	490 (19.29)
C 351	28,0 - 35,0 (988 - 1235)	320 - 380 (239 - 283)	21,00 (46,25)	800 (31.50)	233 (9.17)	-	200 (7.87)	10 (0.39)	152 (6)	420 (16.53)	485 (19.09)
C 431	35,0 - 43,0 (1235 - 1517)	380 - 450 (283 - 335)	29,00 (63,90)	971 (38.23)	251 (9.88)	-	200 (7.87)	10 (0.39)	152 (6)	478 (18.82)	625 (24.61)

(1) n 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
 ** C021: ØB : 51; 40 mm (2; 1.57") - C31: ØB : 76;63;57;51mm (3; 2.5; 2.25; 2") For particular applications you have a complete line of installation accessories.
 Oblan s.a. has the right to modify the information contained in this brochure without its previous advise.

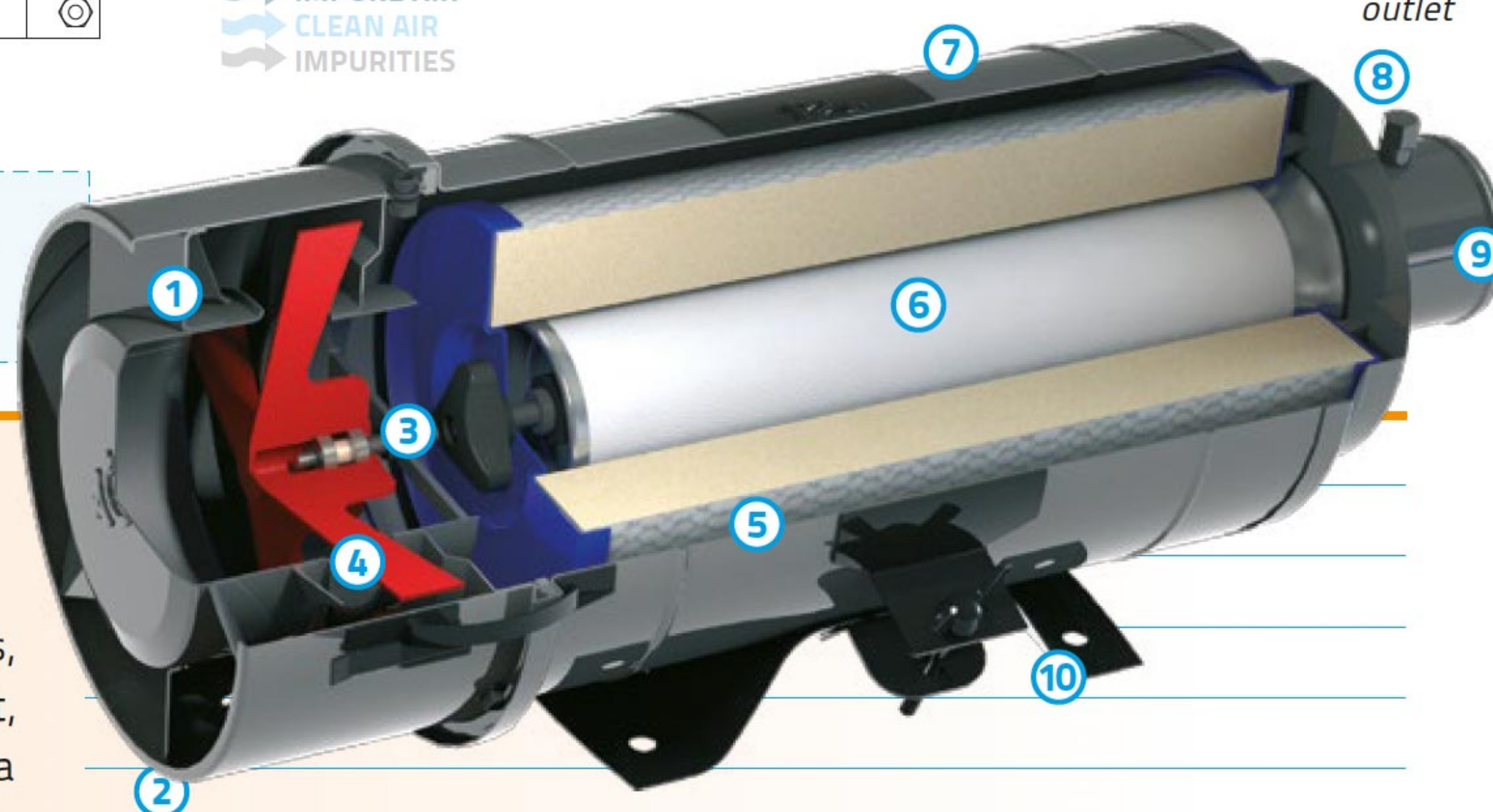


These housings include filter elements (see page 20)

HOW THEY WORK

At first stage, air enters the precleaner portion 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 assembly. Only purified air flows to the air filter elements (primary and safety stage of filtration). These elements retain the 99,9% of the contaminants which were not eliminated in the first stage. Then clean air flows to the engine through the outlet pipe.

intake



- | | |
|----------------------------------|--|
| 1. Static Vanes | 6. Safety Element |
| 2. Discharge Ports (at the back) | 7. Housing |
| 3. Two Ball Bearings | 8. Restriction Indicator Tapping Point |
| 4. Rotor (spinner) | 9. Outlet Pipe (to the engine) |
| 5. Primary Element | 10. Retractable mounting band |