o'cuatro

advanced filtration technology

KL

HOUSINGS FOR DRY FILTER ELEMENTS
STATIC VANES SYSTEM

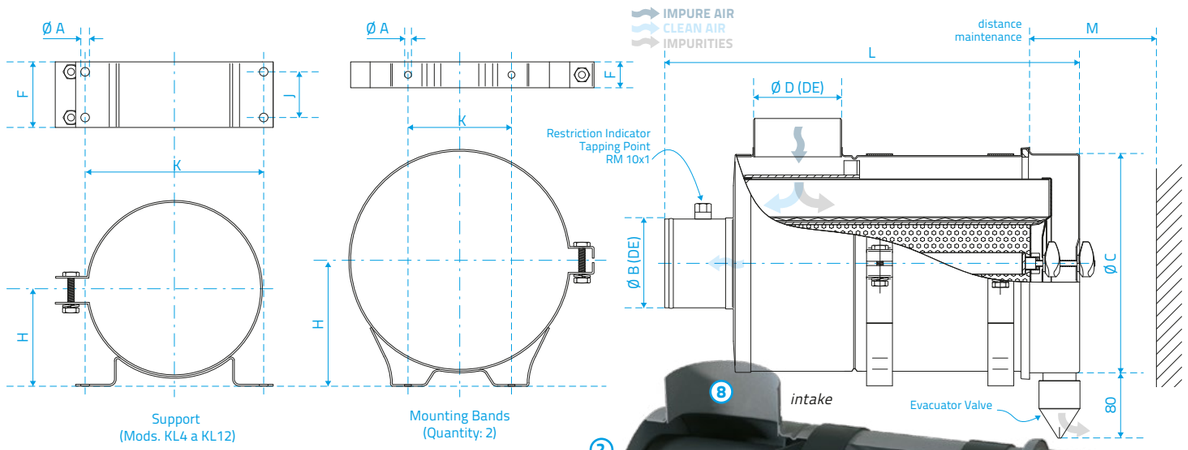
For On-Highway, Off-Highway
and Stationary Applications.

1,5 to 43,0
m³/min.

These Air Filters have a steel housing with a static vane first stage. Primary and safety filter elements are standard. This range is a three-stage air cleaner system with universal mounting bands. The standard tube style inlet is suitable for use with an OCUATRO Air Precleaner.
OCUATRO Air Filters are powder coated for a durable, corrosion-resistant finish. Air flows range from 53 to 1517 CFM (1.5 to 43.0 m3/min).

MOD.	AIRFLOW RANGE m³/min (CFM) (1)	HORSEPOWER RANGE (2) HP (Kw)	WEIGHT Kg. (Lbs.)	Dimensions L mm (")	K mm (")	J mm (")	F mm (")	H mm (")	ØA mm(")	ØC mm (")	ØB mm (")	ØDmm (")	M mm (")
KL 4	1.5 - 4.5 (53 - 159)	30 - 80 (22 - 60)	3.80 (8.40)	390 (15.35)	200 (7.87)	53 (2.08)	76 (3)	100 (3.93)	10 (0.39)	167 (6.57)	63 (2.50)	63 (2.50)	305 (12)
KL 6	4.5 - 6.0 (159 - 212)	80 - 90 (60 - 67)	4.90 (10.79)	430 (16.92)	200 (7.87)	53 (2.08)	76 (3)	120 (4.72)	10 (0.39)	198 (7.80)	70 (2.75)	76 (3)	315 (12.40)
KL 8	6.0 - 8.0 (212 - 282)	90 - 120 (67 - 90)	5.30 (11.70)	440 (17.32)	200 (7.87)	53 (2.08)	76 (3)	130 (5.11)	10 (0.39)	216 (8.50)	76 (3)	76 (3)	335 (13.19)
KL 12	8.0 - 12.0 (282 - 423)	120 - 160 (90 - 120)	7.50 (16.50)	478 (18.82)	200 (7.87)	53 (2.08)	76 (3)	150 (5.90)	10 (0.39)	253 (9.96)	102 (4)	102 (4)	380 (14.96)
KL 15	12.0 - 15.0 (423 - 529)	160 - 180 (120 - 134)	9.95 (21.92)	485 (19.09)	140 (5.51)	-	35 (1.38)	146 (5.75)	10 (0.39)	267 (10.51)	102 (4)	102 (4)	390 (15.35)
KL 18	15.0 - 18.0 (529 - 635)	180 - 210 (134 - 157)	12.50 (27.55)	550 (21.65)	140 (5.51)	-	35 (1.38)	161 (6.34)	10 (0.39)	290 (11.42)	102 (4)	114 (4.5)	440 (17.32)
KL 20	18.0 - 20.0 (635 - 706)	210 - 250 (157 - 187)	14.10 (31.06)	528 (20.79)	140 (5.51)	-	35 (1.38)	175 (6.89)	10 (0.39)	319 (12.56)	133 (5.25)	133 (5.25)	390 (15.35)
KL 21	20.0 - 21.0 (706 - 741)	240 - 280 (179 - 209)	15.40 (33.90)	605 (23.81)	140 (5.51)	-	35 (1.38)	175 (6.89)	10 (0.39)	319 (12.56)	130 (5.12)	133 (5.25)	465 (18.31)
KL 28	21.0 - 28.0 (741 - 988)	280 - 320 (209 - 239)	18.15 (40.00)	595 (23.42)	200 (7.87)	-	35 (1.38)	230 (9.05)	10 (0.39)	408 (16.06)	152 (6)	152 (6)	450 (17.72)
KL 35	28.0 - 35.0 (988 - 1235)	320 - 380 (239 - 283)	21.00 (46.25)	631 (24.84)	200 (7.87)	-	35 (1.38)	258 (10.16)	10 (0.39)	442 (17.40)	152 (6)	152 (6)	465 (18.31)
KL 43	35.0 - 43.0 (1235 - 1517)	380 - 450 (283 - 335)	35.70 (78.65)	728 (28.66)	180 (7.09)	-	76 (3)	270 (10.62)	10 (0.39)	460 (18.11)	152 (6)	152 (6)	640 (25.20)

(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
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.



1. Outlet Pipe (to the engine)
2. Restriction Indicator Tapping Point
3. Static Vanes
4. Primary Element
5. Safety Element
6. Housing
7. Mounting Band
8. Air Intake
9. Evacuator Valve

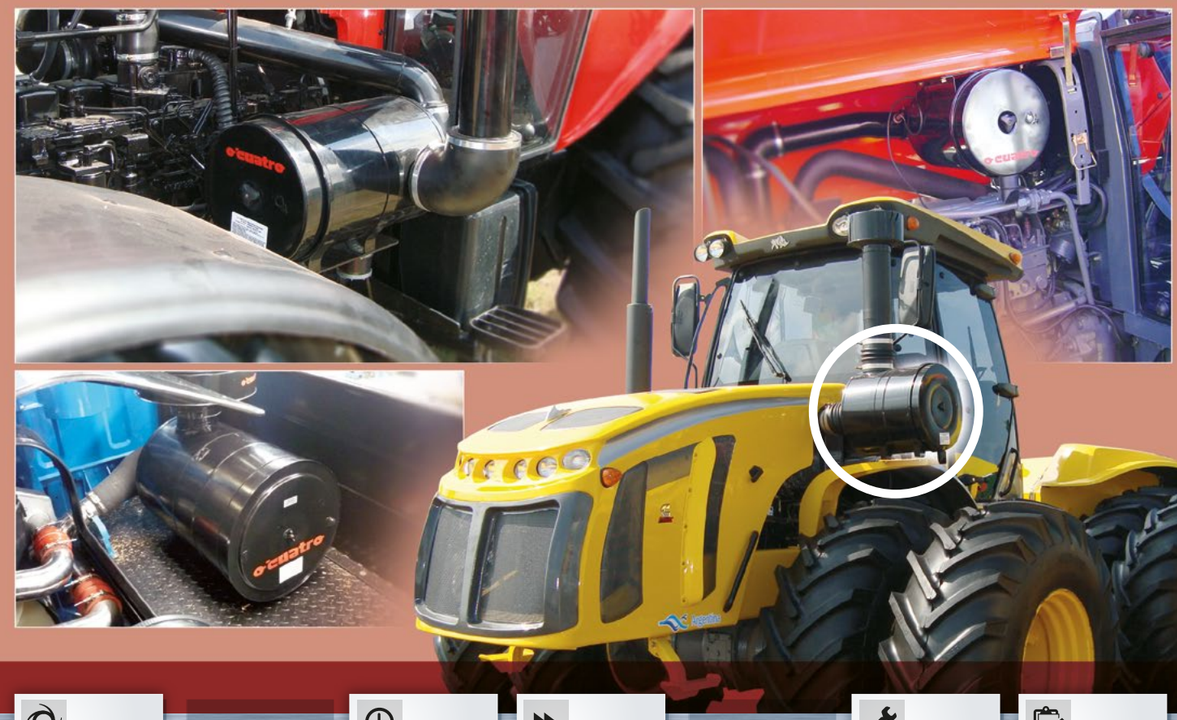
These housings include filter elements (see page 20)

HOW THEY WORK

Air flows through static vanes (plastic or metal) which causes the air to spin. Centrifugal force separates the heaviest impurities (dust, dirt, insects and other debris) from the air stream. These contaminants are discharged automatically through an integral evacuator valve. Only purified air flows to the air filter elements (primary and safety stages 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.

APPLICATIONS

These Air Filters are designed to be connected to the air intake of the gasoline, diesel or compressed natural gas engine. Their applications include agricultural machinery; earth-moving equipment; stationary engines; generator sets; trucks; busses and recreational vehicles; material handling equipment; snow removal equipment and street sweepers.



STATIC VANES
Removes larger contaminants from the air before entering the air filter elements.

LESS MAINTENANCE
than a housing no internal standard cyclone.

MORE SHELF LIFE
Prolong engine and turbocharger life.

EASY TO INSTALL
and compact size

VERSATILITY
Wide range of applications and flow rates.

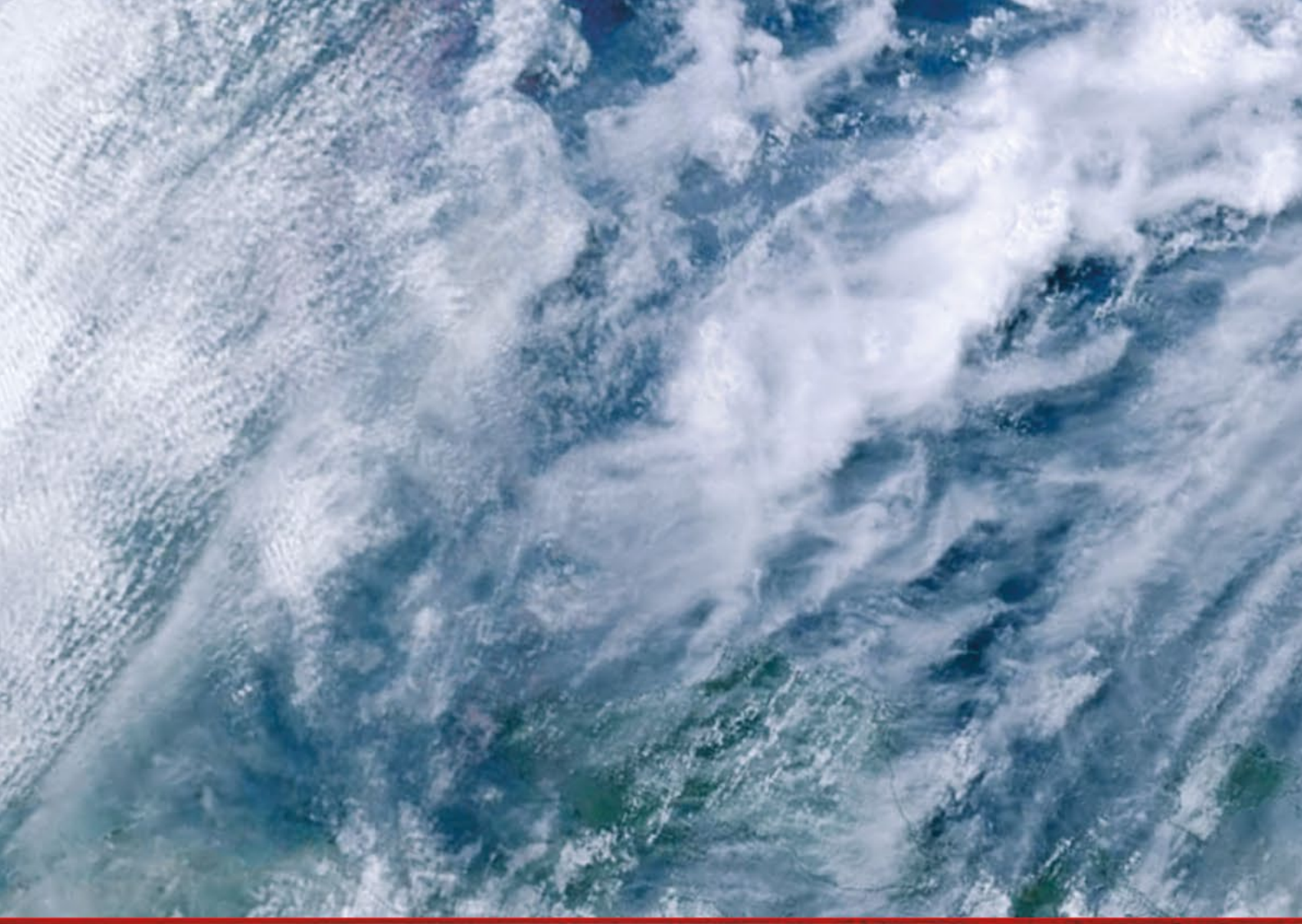
DURABILITY
Steel housing, powder coat.

FILTER ELEMENTS
Primary filter elements and filter elements compatible with most standard security models.

RESTRICTION INDICATOR
Have a standard connection port restriction sensor.

DIRECT TO ENGINE
These air filtration systems in three stages are designed with a single motor connection.

AIR FLOW
Large airflow, low values of additional restriction.



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OBLANSA

QUALITY SYSTEM CERTIFICATION ISO 9001:2008 DNV

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