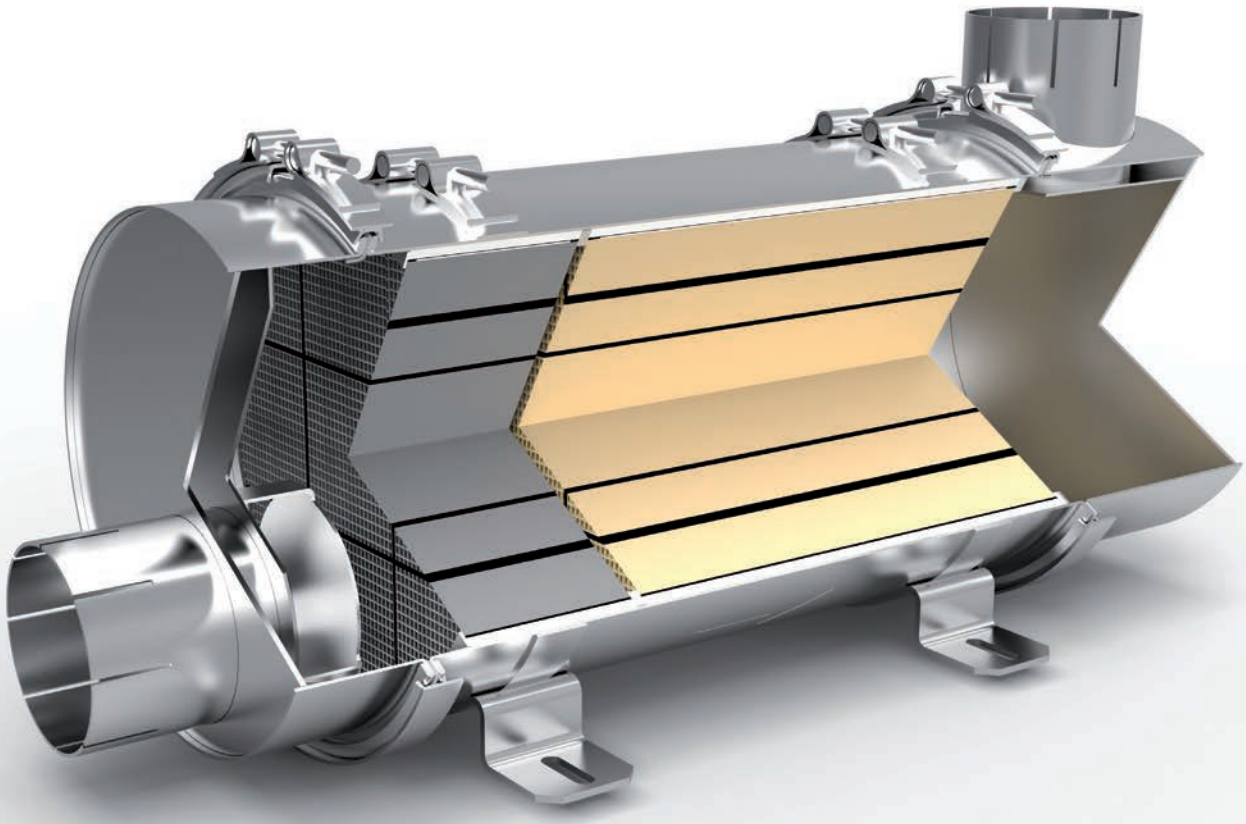
Particulate Filter Systems

On-Road Applications



mobiclean R advanced

hugfiltersystems.

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Technical data – mobiclean R advanced

Filter Housing	Stainless Steel Grade 304L, >1/16 Inch, electropolished, rated to IP67 to withstand highpressure water jets
Filter Material	Silicon carbide (SiC), Swiss Patent No.679 364, catalytic coating with ‚Clean Coat', Cell density 100 cpsi
DOC Material	Silicon carbide (SiC), Swiss Patent No.679 364, catalytic coating with platinum, Cell density 200 cpsi
Canning	Housing with non-categorized, hightemperature support mats (non-carcinogenic material)
Fuel	Light diesel, sulphur content up to 50 ppm
Regeneration	Continously catalytic soot burn-off, min. temperature requirement 15% >200C
Filtration Rate	>85% ARB Level 3+; >99% for particulate sizes 20-300 nm
Noise Attenuation	>25 dBA insertion, muffler replacement
Verification	ARB CA/HUG/2012/PM3+/N00/ON/DPF01; VERT B228/07.08

Type		Horse Power Range	Dimensions			
mobiclean R advanced	Design available	100 200 300 400 500 600 700	L	D	d(ID) A / B	Weight
			[Inches]			[lb]
R8	1		21.8	8.0	2.0 / 2.0	46
R13	1		21.8	9.9	2.6 / 2.6	63
R16	2/3/4/5		23.1*	10.8	4.0 / 4.0	72
R20	2/3/4/5		27.4*	10.8	4.0 / 4.0	85
R20 Short	6		23.0	10.8	4.3 / 3.9	82
R26	2/3/4/5		27.4*	11.9	5.0 / 5.0	105
R26 Short	6		23.0	11.9	4.3 / 3.9	102
R32	2/3/4/5		27.4*	13.4	5.0 / 5.0	126
R32 Short	6		23.0	13.4	3.8 / 3.9	122
R40	2/3/4/5		27.4*	15.2	5.0 / 5.0	152
R40 Short	6		23.0	15.6	4.3 / 4.3	147
R50	1		29.0	16.7	4.9 / 4.9	170
R65	1	→	29.0	18.9	5.3 / 5.3	205
R80	1	→	29.0	20.9	6.5 / 6.5	255

*Design 3: add Length 3.4 Inch (R16/20) / 4.4 Inch (R26/32/40) *Design 4: add Length 2.8 Inch (R16/20) / 3.8 Inch (R26/32/40) *Design 5: add Length 6.2 Inch (R16/20) / 8.2 Inch (R26/32/40)

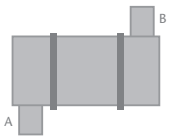
A= Inlet Position B= Outlet Position

Design 1 Center Inlet/Center Outlet

Design 2 Offset Inlet/Offset Outlet

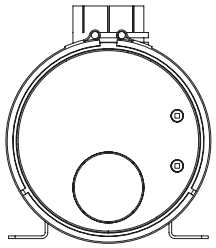
Design 3 Offset Inlet/Side Outlet

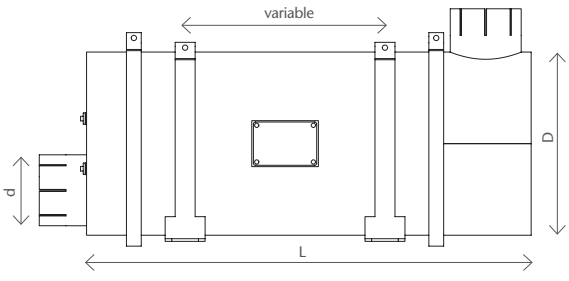
Design 4 Side Inlet/Offset Outlet



Design 5 Side Inlet/Side Outlet

Design 6 Offset Inlet/Side Outlet (Short Version)





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