

Reactive Exhaust Gas Silencer

The M21 range of reactive silencers are designed primarily for use on all types of two/ four stroke internal combustion engine exhausts, air compressor intakes, vacuum pump, blower intakes and discharges. The units can be installed vertically, horizontally or inclined, without affecting performance.

The M21 reactive exhaust silencer range are of fully welded design, sturdily constructed in carbon steel with a heat resisting aluminium or black paint finish to ensure a long service life. All units are fitted with drain points to remove exhaust condensate.

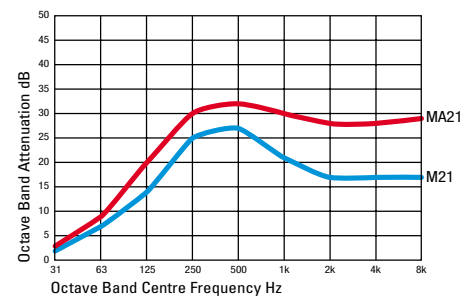
MA21 Range

The acoustically treated MA21 type silencer increases the higher frequency performance by up to 10dB(A), reducing casing breakout as well as lowering the surface temperature. The units can be used where good overall acoustic performance is required without a secondary or terminal silencer.

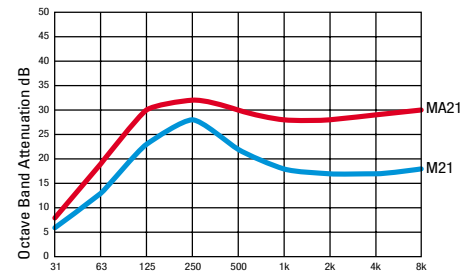
Options

- BS10 Table 'D' flanges fitted as standard.
- Alternative flange patterns available on request.
- B.S.P. connections available on smaller sizes.
- Radial/axial inlet.
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- Heat resisting aluminium or black paint.
- Shot blast and aluminium metal sprayed.
- Stainless steels.
- Corten steel.
- Support feet and brackets.
- Lifting lugs.
- Catalytic converters.

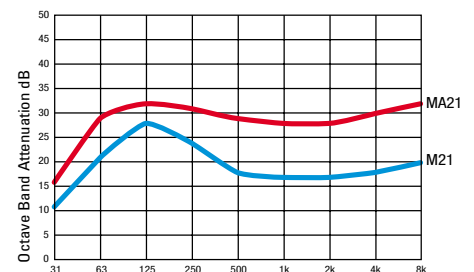
Back pressure figures can vary greatly with temperature and gas velocity, please contact IMS for advice.



6" Bore

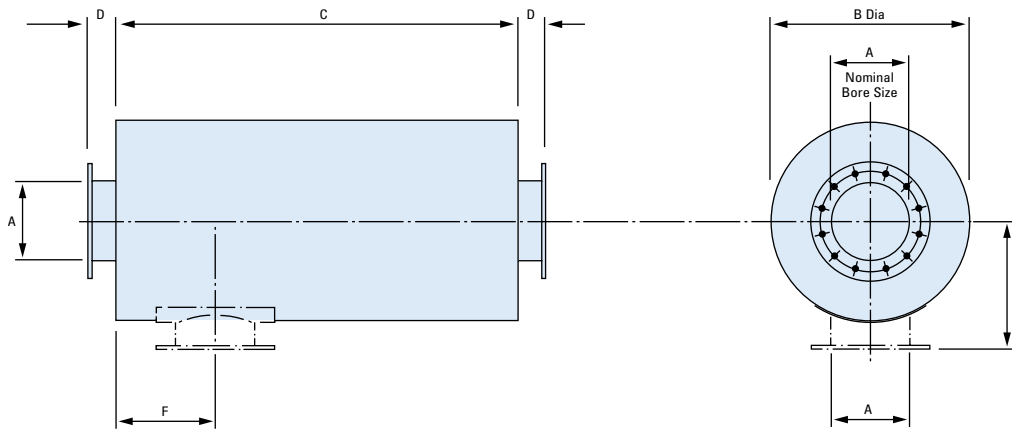


12" Bore



24" Bore

M21 series



Silencer Ref	All	M21	MA21	All	All	M21	MA21	All	All	Weight	Weight
	A	B	B	C	D	E	E	F min	F max	M21	MA21
	inch	mm	mm	mm	mm	mm	mm	mm	mm	kgs	kgs
M21/MA21 038	1.5	160	260	500	50	155	205	60	240	2	3
M21/MA21 050	2	210	310	500	50	180	230	60	240	4	5
M21/MA21 063	2.5	260	360	600	50	205	255	70	290	6	8
M21/MA21 075	3	310	410	600	50	230	280	90	290	10	12
M21/MA21 090	3.5	360	460	700	75	255	305	150	300	24	28
M21/MA21 100	4	360	460	700	75	255	305	160	300	34	40
M21/MA21 125	5	410	510	850	75	280	330	180	310	43	50
M21/MA21 150	6	460	560	1000	75	305	355	190	460	65	80
M21/MA21 175	7	540	640	1000	75	350	400	200	460	80	98
M21/MA21 200	8	560	660	1200	75	355	405	220	530	110	150
M21/MA21 225	9	660	760	1200	75	420	470	235	530	150	190
M21/MA21 250	10	660	760	1300	75	420	470	250	560	172	220
M21/MA21 300	12	760	860	1500	100	470	520	280	640	250	300
M21/MA21 350	14	920	1020	1800	100	550	600	320	810	340	400
M21/MA21 400	16	1020	1120	2000	100	600	650	340	820	490	550
M21/MA21 450	18	1170	1270	2300	100	685	735	370	1000	650	750
M21/MA21 500	20	1270	1370	2500	100	735	785	400	1150	810	920
M21/MA21 550	22	1370	1470	2700	100	785	835	430	1200	1000	1200
M21/MA21 600	24	1470	1570	3000	100	915	965	460	1300	1200	1400

Larger sizes available on request.