

**M51**  
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Critical

32dB(A) Attenuation

Critical

45dB(A) Attenuation

## Reactive Exhaust Gas Silencer

The M51 range of 'critical grade' exhaust silencers has been designed to meet the increasingly stringent noise criteria required in a pollution conscious environment.

Generally specified for use on two-stroke and four-stroke internal combustion engine exhausts, the units give good low frequency attenuation in the normal engine firing frequency ranges.

The units can be installed horizontally, vertically or inclined, without affecting efficiency.

The M51 'residential grade' reactive exhaust silencer range are of all 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.

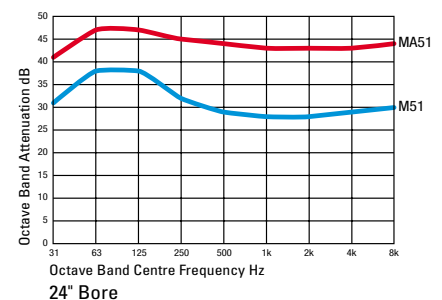
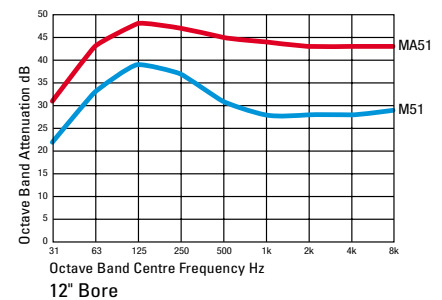
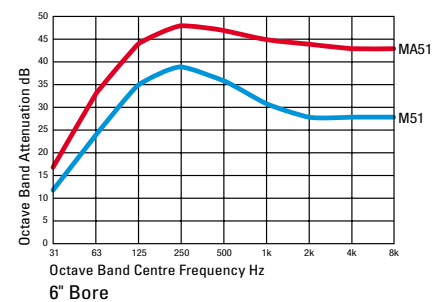
### MA51 Range

The acoustically treated MA51 type silencer increases the higher frequency performance by up to 13dB(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.

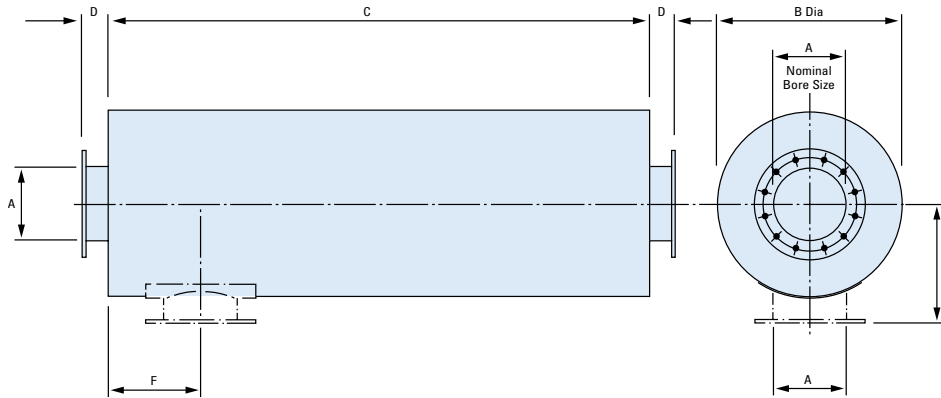
### Options

- BS10 Table 'D' flanges fitted as standard.
- Alternative flange patterns available on request.
- B.S.P. connections available on smaller sizes.
- Radial/axial inlet.
- Radial/axial outlet.
- 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.*



# M51 series



Silencer Ref	AII	M51	MA51	AII	AII	M51	MA51	AII	AII	Weight	Weight
	A	B	B	C	D	E	E	F min	F max	M51	MA51
	inch	mm	mm	mm	mm	mm	mm	mm	mm	kgs	kgs
M51/MA51 038	1.5	160	260	800	50	155	205	60	400	9	10
M51/MA51 050	2	210	310	900	50	180	230	60	450	16	17
M51/MA51 063	2.5	260	360	1000	50	205	255	70	500	36	38
M51/MA51 075	3	310	410	1200	50	230	280	90	600	45	47
M51/MA51 090	3.5	360	460	1300	75	255	305	150	650	80	85
M51/MA51 100	4	360	460	1500	75	255	305	160	750	90	98
M51/MA51 125	5	410	510	1700	75	280	330	180	850	130	150
M51/MA51 150	6	460	560	2000	75	305	355	190	1000	168	200
M51/MA51 175	7	540	640	2000	75	350	400	200	1000	220	280
M51/MA51 200	8	560	660	2400	75	355	405	220	1200	265	300
M51/MA51 225	9	660	760	2400	75	420	470	235	1200	320	360
M51/MA51 250	10	660	760	2800	75	420	470	250	1400	390	480
M51/MA51 300	12	760	860	3500	100	470	520	280	1500	580	650
M51/MA51 350	14	920	1020	3600	100	550	600	320	1500	710	800
M51/MA51 400	16	1020	1120	4000	100	600	650	340	1600	920	1000
M51/MA51 450	18	1170	1270	4600	100	685	735	370	1800	1150	1250
M51/MA51 500	20	1270	1370	5300	100	735	785	400	2200	1400	1550
M51/MA51 550	22	1370	1470	5700	100	785	835	430	2300	1780	2000
M51/MA51 600	24	1470	1570	6000	100	915	965	460	2500	2070	2400

Larger sizes available on request.