

MRA2 Critical
MAA2 Critical

35dB(A) Attenuation
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Reactive/Absorptive Exhaust Gas Silencer with or without Spark Arrester

The MRA2 and MAA2 range of combination silencers are a medium attenuation design recommended for use where equipment must operate with a reduced noise level. Highly efficient and of advanced acoustical design, they are suitable for the exhausts of all two-stroke and four-stroke internal combustion engines, compressors and blowers.

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

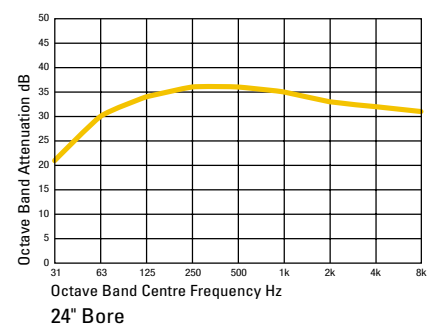
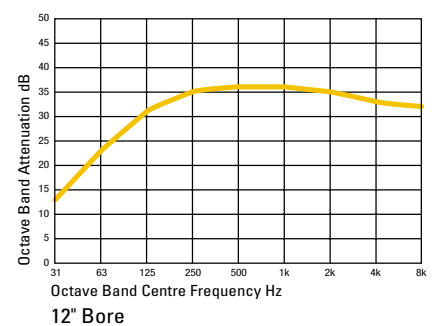
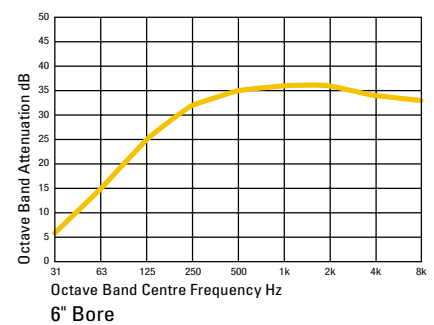
This range of silencers are of all welded design, sturdily constructed in carbon steel with a heat resisting aluminium or black paint finish to ensure a long service life. All units are fitted with drain points to remove exhaust condensate.

The MAA2 is a spark arrester silencer, classified with DNV approval. Also available with ATEX Directive 94/9 to BSEN 1834-1:2000 certification.

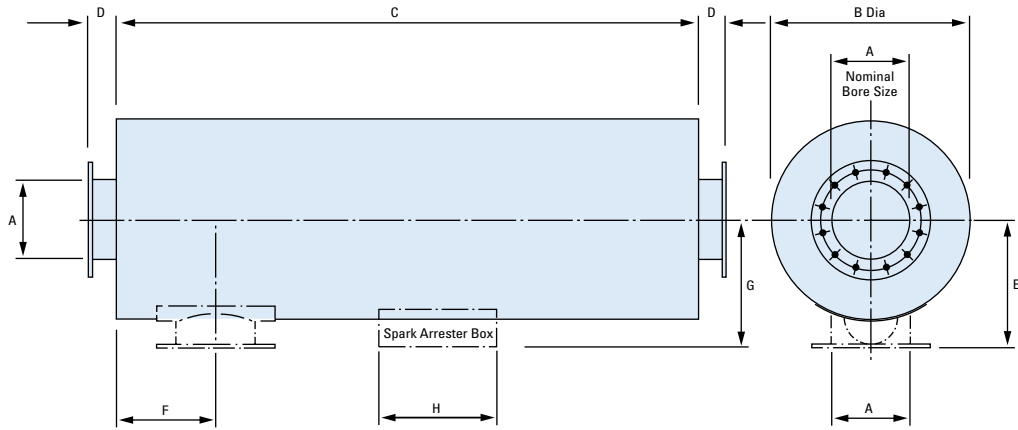
Options

- 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.



MRA2 & MAA2 series



Silencer Ref	All	All	All	All	All	All	MRA2	MAA2	MAA2	Weight	Weight
	A	B	C	D	E	F min	F max	G	H	MRA2	MAA2
	inch	mm	mm	mm	mm	mm	mm	mm	mm	kgs	kgs
MRA2/MAA2 038	1.5	160	900	50	155	50	200	130	180	12	13
MRA2/MAA2 050	2	210	1000	50	180	50	200	155	180	16	18
MRA2/MAA2 063	2.5	260	1100	50	205	70	250	180	180	23	26
MRA2/MAA2 075	3	310	1200	50	230	80	300	250	180	35	37
MRA2/MAA2 090	3.5	360	1350	75	255	90	320	275	230	41	43
MRA2/MAA2 100	4	360	1450	75	255	95	380	275	280	52	55
MRA2/MAA2 125	5	410	1650	75	280	110	430	300	280	72	75
MRA2/MAA2 150	6	460	1850	75	305	120	460	355	430	112	115
MRA2/MAA2 175	7	540	2050	75	345	130	500	380	430	150	155
MRA2/MAA2 200	8	560	2350	75	355	145	580	380	430	176	180
MRA2/MAA2 225	9	660	2500	100	420	150	600	455	430	260	265
MRA2/MAA2 250	10	660	2700	100	420	180	650	455	430	300	305
MRA2/MAA2 300	12	760	3000	100	470	205	710	505	430	530	540
MRA2/MAA2 350	14	920	3400	100	550	230	835	605	585	730	740
MRA2/MAA2 400	16	1020	3800	100	600	255	940	655	585	900	920
MRA2/MAA2 450	18	1170	4000	100	685	290	1080	730	585	1100	1150
MRA2/MAA2 500	20	1270	4400	100	735	320	1155	810	735	1300	1350
MRA2/MAA2 550	22	1370	4800	100	785	345	1255	860	735	1700	1780
MRA2/MAA2 600	24	1470	5000	100	835	380	1400	910	735	2000	2020

Larger sizes available on request.