

MRA3 Super Critical **45dB(A)** Attenuation
MAA3 Super Critical **45dB(A)** Attenuation

Reactive/Absorptive Exhaust Gas Silencer with or without Spark Arrester

The MRA3 and MAA3 range of semi-residential 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.

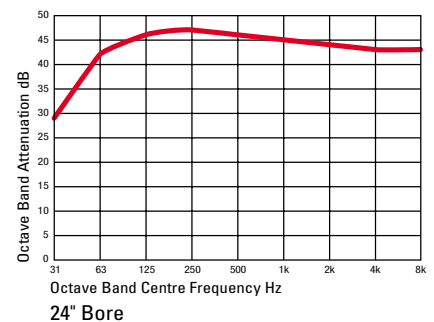
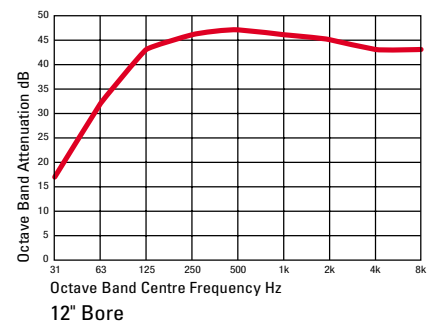
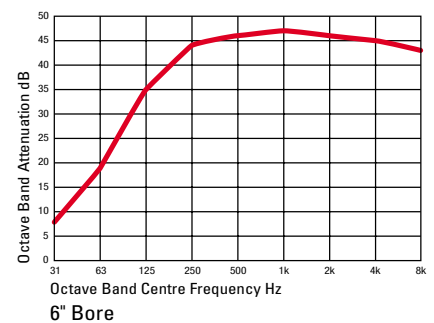
This range of silencers are of all welded design, sturdily constructed in carbon steel with a heat resisting aluminium or black paint finish to ensure a long service life. All units are fitted with drain points to remove exhaust condensate.

The MAA3 is a spark arrester silencer, classified with DNV approval. Also available with ATEX Directive 94/9 to BSEN 1834-1:2000 certification.

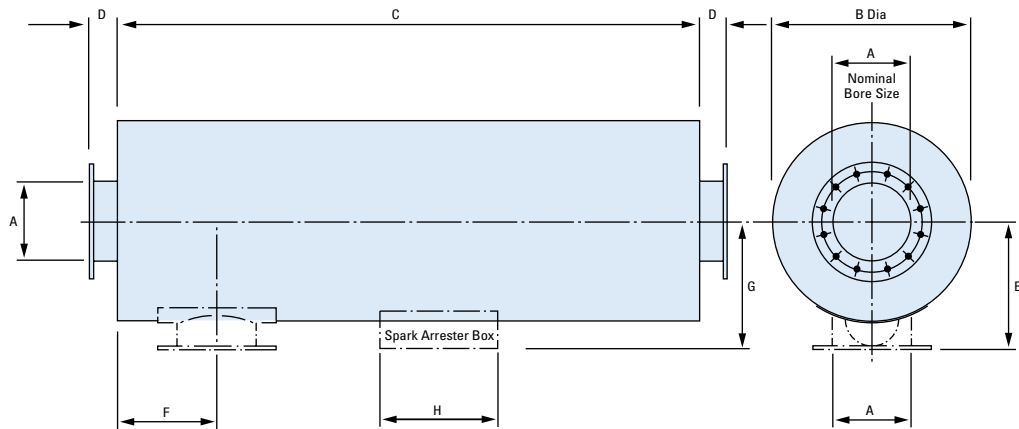
Options

- 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.



MRA3 & MAA3 series



Silencer Ref	All	All	All	All	All	All	MRA3	MAA3	MAA3	Weight	Weight
	A	B	C	D	E	F min	F max	G	H	MRA3	MAA3
	inch	mm	mm	mm	mm	mm	mm	mm	mm	kgs	kgs
MRA3/MAA3 038	1.5	160	1250	50	155	50	200	130	180	15	19
MRA3/MAA3 050	2	210	1500	50	180	50	200	155	180	25	26
MRA3/MAA3 063	2.5	260	1700	50	205	70	250	180	180	36	37
MRA3/MAA3 075	3	310	1800	50	230	80	300	250	180	47	48
MRA3/MAA3 090	3.5	360	1950	75	255	90	320	275	230	62	65
MRA3/MAA3 100	4	360	2050	75	255	95	380	275	280	78	80
MRA3/MAA3 125	5	410	2450	75	280	110	430	300	280	100	110
MRA3/MAA3 150	6	460	2750	75	305	120	460	355	430	160	175
MRA3/MAA3 175	7	540	2850	75	345	130	500	380	430	200	220
MRA3/MAA3 200	8	560	3450	75	355	145	580	380	430	270	275
MRA3/MAA3 225	9	660	3500	100	420	150	600	455	430	380	390
MRA3/MAA3 250	10	660	3800	100	420	180	650	455	430	440	460
MRA3/MAA3 300	12	760	4300	100	470	205	710	505	430	730	760
MRA3/MAA3 350	14	920	4800	100	550	230	835	605	585	960	980
MRA3/MAA3 400	16	1020	5300	100	600	255	940	655	585	1100	1160
MRA3/MAA3 450	18	1170	5800	100	685	290	1080	730	585	1300	1350
MRA3/MAA3 500	20	1270	6300	100	735	320	1155	810	735	1700	1750
MRA3/MAA3 550	22	1370	6800	100	785	345	1255	860	735	2000	2100
MRA3/MAA3 600	24	1470	7300	100	835	380	1400	910	735	2300	2400

Larger sizes available on request.