

BTS2 Reactive/Absorptive **35dB(A)** Attenuation
BTS3 Reactive/Absorptive **45dB(A)** Attenuation
BTS4 Reactive/Absorptive **55dB(A)** Attenuation

Box Type Exhaust Silencer

The BTS2 (two-pass), BTS3 (three-pass) and BTS4 (four-pass) range of box silencers offer high levels of noise attenuation in those cases where traditional cylindrical silencers are unsuitable for the installation. They can be installed in any plane without affecting the performance and the inlet(s) and outlet(s) can be placed in an appropriate position to aid the installation procedure.

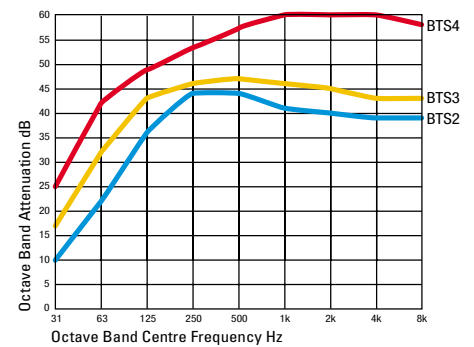
The surface temperatures are lower than those for cylindrical silencers due to a 'box-within-a-box' design that allows the insulation to be placed between the two casings. However, occasional hotspots may exist where any internal plates meet.

The BTS range of silencers are of all welded design, sturdily constructed in carbon steel and finished in black or silver heat-resistant paint.

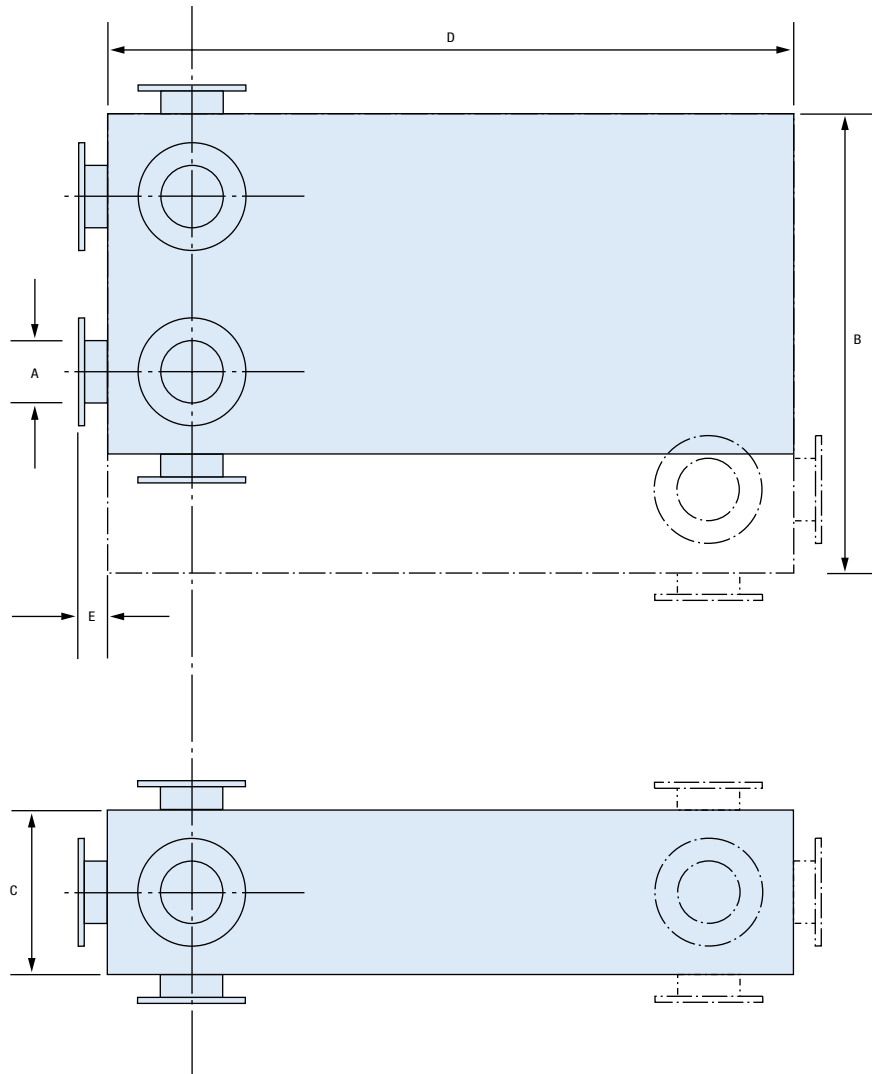
Options

- BS10 Table 'D' flanges fitted as standard.
- Alternative flange patterns available on request.
- End/side/top/bottom inlet.
- End/side/top/bottom outlet.
- Heat resisting aluminium or black paint.
- Shot blast and aluminium metal sprayed.
- Stainless steels.
- Corten steel.
- Support feet and brackets.
- Lifting lugs.

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



BTS series



Silencer Ref	All	B2P	B3P	B4P	All	All	All	Weight	Weight	Weight
	A	B	B	B	C	D	E	BTS2	BTS3	BTS4
	inch	mm	mm	mm	mm	mm	mm	kgs	kgs	kgs
BTS2/3/4 050	2	300	450	600	250	600	50	30	45	60
BTS2/3/4 075	3	450	675	900	275	900	75	65	100	135
BTS2/3/4 100	4	600	900	1200	300	1200	75	95	140	190
BTS2/3/4 125	5	750	1100	1500	350	1500	75	170	250	345
BTS2/3/4 150	6	900	1200	1800	400	1800	75	200	350	400
BTS2/3/4 200	8	1200	1800	2400	600	2400	100	450	675	900
BTS2/3/4 250	10	1500	2250	3000	750	2400	100	620	1100	1250
BTS2/3/4 300	12	1800	2400	3600	900	2400	100	810	1200	1600
BTS2/3/4 350	14	1800	2400	3600	1050	3000	100	1100	1500	2000

Larger sizes available on request.