

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.

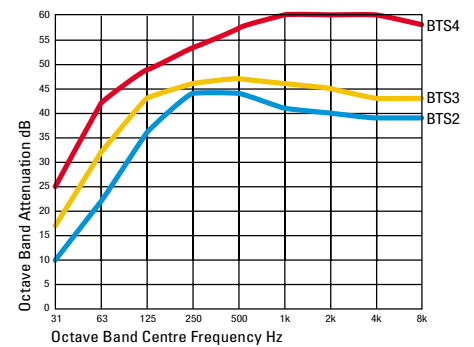
The surface temperatures are lower than those for cylindrical silencers due to a 'box-within-a-box' design that allows the insulation to be placed between the two casings. However, occasional hotspots may exist where any internal plates meet.

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

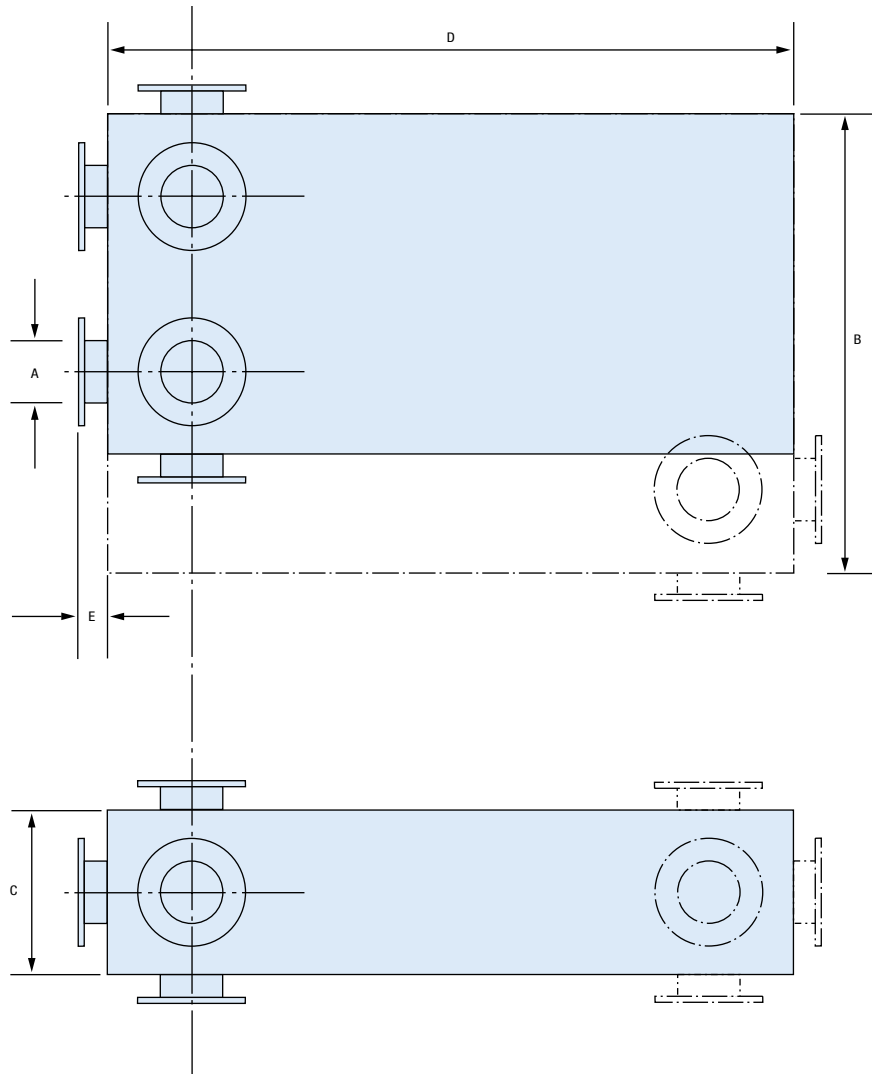
Options

- 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.