

Application

Silencing of intake and discharge of centrifugal compressors in areas requiring standard silencing. Silencing of small atmospheric discharge vents and intake of small rotary positive displacement blowers.

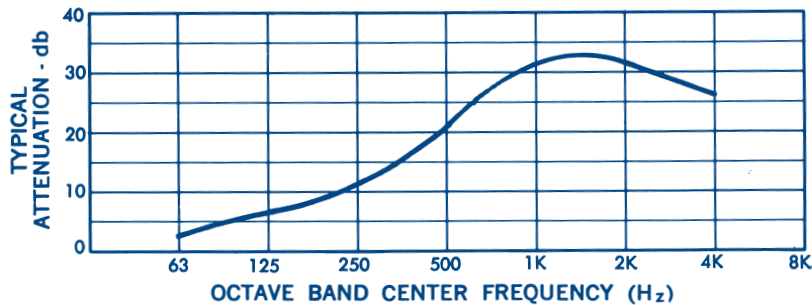
Design

This silencer employs a perforated tube surrounded by acoustic absorption material at a controlled density to achieve silencing. Exterior shell retains acoustical pack and reflects noise back into pack to achieve maximum noise reduction. Designed for very low pressure drop and long service life. They can be installed either in vertical or horizontal position.

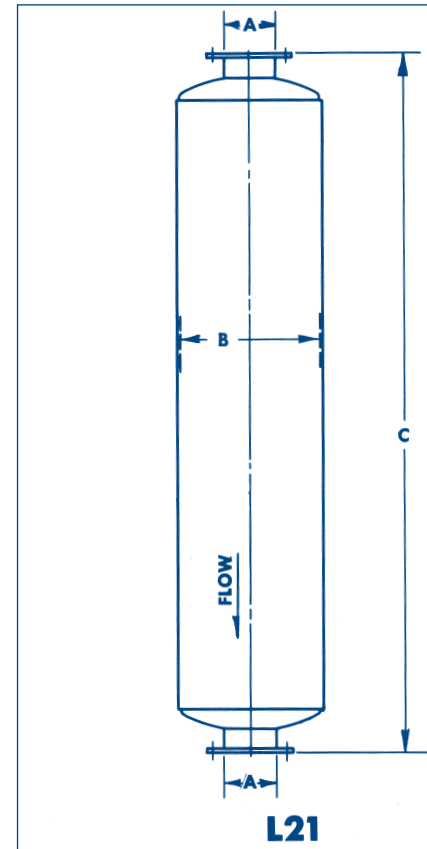
Construction

All welded sheet and plate steel. Absorption material appropriate for operating conditions. Exterior surfaces are prime coated. Flanges are drilled to match 125 lb. American Standard Flanges. Side connections, mounting brackets, or special paint available at extra cost.

Typical Attenuation Curve



| Model | A | B | C | Wt. |
|--------|-----|----|-----|------|
| L21-½ | ½* | ¾ | 10 | 2 |
| L21-¾ | ¾* | ¾ | 13 | 3 |
| L21-1 | 1 * | ¾ | 16 | 4 |
| L21-1½ | 1½* | 4½ | 23 | 8 |
| L21-2 | 2 * | 5 | 34½ | 13 |
| L21-2½ | 2½* | 6 | 35½ | 18 |
| L21-3 | 3 * | 6½ | 43½ | 28 |
| L21-3½ | 3½* | 8 | 44 | 27 |
| L21-4 | 4 | 10 | 53 | 55 |
| L21-5 | 5 | 12 | 56 | 70 |
| L21-6 | 6 | 12 | 66 | 90 |
| L21-8 | 8 | 14 | 58 | 138 |
| L21-10 | 10 | 16 | 70 | 160 |
| L21-12 | 12 | 18 | 80 | 250 |
| L21-14 | 14 | 20 | 92 | 300 |
| L21-16 | 16 | 22 | 107 | 340 |
| L21-18 | 18 | 24 | 116 | 650 |
| L21-20 | 20 | 26 | 128 | 705 |
| L21-22 | 22 | 28 | 147 | 885 |
| L21-24 | 24 | 30 | 152 | 1026 |



*NPT Connections