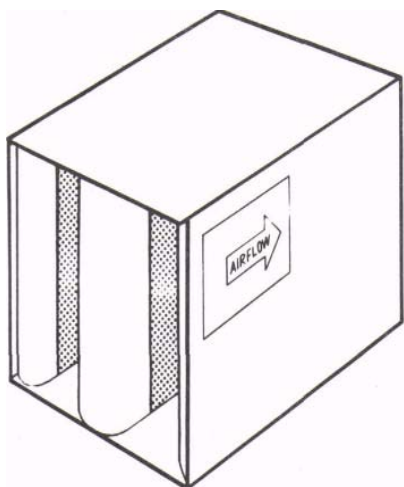


Spec Data Sheet

Acoustical Silencers Rectangular Series



MODEL LP RECTANGULAR NOMENCLATURE EXAMPLE

| WIDTH | HEIGHT | LENGTH | MODEL |
|-------|--------|--------|-------|
| 24 | 24 | 36 | LP |

IES -2000's sound attenuators are engineered to achieve a maximum insertion loss with a minimum pressure drop. IES -2000's sound attenuators feature airfoil design for efficient aerodynamic performance, as well as superior acoustical materials and total galvanized steel construction, guaranteeing excellent reliability and performance.

| MODEL NO. | OCTAVE BANDS | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) |
|-----------|-----------------------|------------------------------------|-----|-----|-----|------|------|------|------|
| | CENTER FREQUENCY (Hz) | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 |
| | FACE VELOCITY FPM | DYNAMIC INSERTION LOSS IN DECIBELS | | | | | | | |
| 3LP | -1500 | 2 | 5 | 10 | 17 | 25 | 25 | 13 | 8 |
| | -1000 | 3 | 5 | 9 | 17 | 25 | 25 | 13 | 8 |
| | 0 | 2 | 4 | 9 | 17 | 24 | 25 | 14 | 9 |
| | +1000 | 1 | 4 | 9 | 16 | 24 | 26 | 17 | 11 |
| | +2000 | 0 | 3 | 9 | 16 | 23 | 26 | 17 | 10 |
| 5LP | -1500 | 2 | 7 | 16 | 34 | 46 | 35 | 18 | 12 |
| | -1000 | 3 | 7 | 15 | 33 | 46 | 35 | 18 | 12 |
| | 0 | 3 | 4 | 13 | 31 | 44 | 37 | 19 | 12 |
| | +1000 | 3 | 4 | 13 | 30 | 43 | 37 | 20 | 12 |
| | +2000 | 2 | 4 | 12 | 28 | 41 | 38 | 20 | 12 |
| 7LP | -1500 | 2 | 8 | 19 | 44 | 49 | 43 | 19 | 10 |
| | -1000 | 2 | 7 | 18 | 42 | 50 | 45 | 20 | 11 |
| | 0 | 2 | 6 | 16 | 39 | 55 | 47 | 23 | 13 |
| | +1000 | 2 | 6 | 15 | 37 | 53 | 46 | 23 | 14 |
| | +2000 | 1 | 5 | 14 | 35 | 52 | 47 | 24 | 14 |
| 10LP | -1500 | 7 | 12 | 26 | 53 | 59 | 58 | 36 | 23 |
| | -1000 | 6 | 11 | 25 | 52 | 60 | 60 | 36 | 23 |
| | 0 | 5 | 10 | 24 | 49 | 60 | 59 | 35 | 21 |
| | +1000 | 5 | 9 | 23 | 46 | 60 | 60 | 36 | 22 |
| | +2000 | 5 | 10 | 23 | 45 | 60 | 60 | 37 | 22 |

THIS TABLE CONTAINS BOTH FORWARD (+) AND REVERSE (-) FLOW ACOUSTIC AND AERODYNAMIC RATINGS BASED ON TEST RESULTS MEASURED IN ACCORDANCE WITH ASTM E477. COPIES OF THESE TEST REPORTS CAN BE FURNISHED UPON REQUEST

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