

## Vacuum System Silencers

### Application

Call a Silex Application Engineer for immediate assistance in sizing and selecting the optimum solution for your application. Finish by selecting the orientation from the silencer illustrations below. Acoustical packed inlets and outlets are available on all silencers

### Description

Silex silencers are designed and manufactured to the highest standard in the industry. Each design is then solid modeled in order to parametrically generate custom production drawings for each order. The result is application-engineered production silencers manufactured from state of the art engineering technologies. These advanced design capabilities, higher standard material specifications and exclusive *autoWELD* technology delivers silencers that are unequalled in the industry.

### Performance Class Rating

| Class | Minimum $IL_A$ |
|-------|----------------|
| 1     | 10 dBA         |
| 2     | 15 dBA         |
| 3     | 20 dBA         |
| 4     | 25 dBA         |
| 5     | 30 dBA         |
| 6     | 35 dBA         |
| 7     | 40 dBA         |
| 8     | 45 dBA         |

### Dimensions

| Model    | A  | B  | C   | D  | F  | Fp | G  | H  | I  |
|----------|----|----|-----|----|----|----|----|----|----|
| 430-4005 | 5  | 16 | 54  | 50 | 7  | 10 | 11 | 46 | 11 |
| 430-4006 | 6  | 18 | 60  | 56 | 7  | 10 | 12 | 52 | 11 |
| 430-4008 | 8  | 20 | 72  | 68 | 9  | 12 | 13 | 64 | 11 |
| 430-4010 | 10 | 26 | 84  | 80 | 11 | 14 | 16 | 76 | 12 |
| 430-4012 | 12 | 28 | 100 | 96 | 12 | 15 | 17 | 92 | 12 |
| 430-4014 | 14 | 32 | 102 | 98 | 14 | 17 | 19 | 94 | 12 |

Dimensions in inches, weight in pounds.

Dimensions and weights are nominal and may vary slightly in production models. Request a certified drawing of a specific model for exact dimensions.

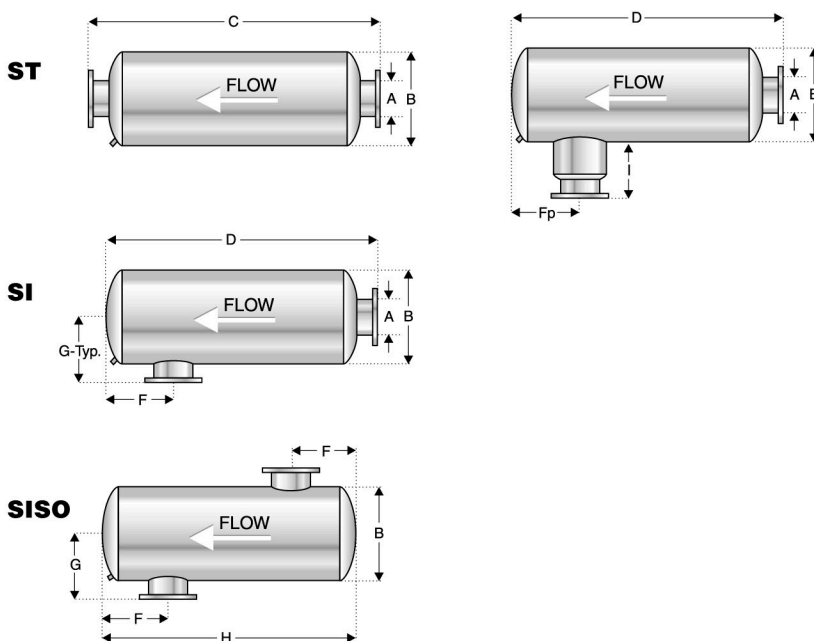
The inlet and discharge on silencers available with ANSI 150# flanges or SCH 40 pipe stub.

Finish paint - Grey primer.

### Flow Area/Size

| Flow Area (ft <sup>2</sup> ) | Diameter - Inches |
|------------------------------|-------------------|
| 0.136                        | 5.0               |
| 0.196                        | 6.0               |
| 0.349                        | 8.0               |
| 0.55                         | 10.0              |
| 0.79                         | 12.0              |
| 1.07                         | 14.0              |

### Optional Packed Inlet/Outlet



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