



***Ruskin*[®] Quick Product Selection Tables: Noise Control**

The Quick Product Selection Reference Guide assists in selecting the appropriate *Ruskin*[®] Product for your application.

Rectangular Silencers

Rectangular Elbow Silencers

Tubular Silencers

Grille Silencers
























Modular Panels










Airvent Transfer Silencers

DISCLAIMER










The *Ruskin*[®] brand's (hereinafter "Ruskin") content, functionality and product information provided in this data file, including Ruskin design and dimensions (collectively referred to herein as "Ruskin's Information") are offered solely to you as a convenience and are for your information only. Ruskin's Information is not a replacement for a professional engineering evaluation of the situation.

Noise Control > Rectangular Silencers



















| Model | Rated Velocity | IL | SP | Minimum Size | Maximum Size | Shell Material | Baffle Material | Acoustic Fill | Submittal | CSI 3-Part Spec | CAD Install Drawing | 3D Revit® Files |
|--|----------------|--------|----------|------------------------|----------------------------|---------------------------|-------------------------------|---------------|---|---|---------------------|---|
| Model A Tapered Rectangular Silencer | Low | High | Standard | 6" x 6" (152 x 152) | 48" x 48" (1219 x 1219) | 22 gauge (.9) galv. steel | 22 gauge (.9) perf galv steel | Glass Fiber |  |  | - |  |
| | | | | 6" x 6" (152 x 152) | 36" x 42" (914 x 1067) | | | | | | | |
| Model AM Tapered Rectangular Silencer | Medium | Medium | Medium | 6" x 6" (152 x 152) | 48" x 48" (1219 x 1219) | 22 gauge (.9) galv. steel | 22 gauge (.9) perf galv steel | Glass Fiber |  |  | - |  |
| | | | | 6" x 6" (152 x 152) | 36" x 42" (914 x 1067) | | | | | | | |
| Model DM Tapered Rectangular Silencer | High | Low | Low | 6" x 6" (152 x 152) | 48" x 48" (1219 x 1219) | 22 gauge (.9) galv. steel | 22 gauge (.9) perf galv steel | Glass Fiber |  |  | - |  |
| | | | | 6" x 6" (152 x 152) | 36" x 42" (914 x 1067) | | | | | | | |
| Model SLF Straight Rectangular Silencer | Low | High | Standard | 6" x 6" (152 x 152) | 36" x 36" (914 x 914) | 22 gauge (.9) galv. steel | 22 gauge (.9) perf galv steel | Glass Fiber |  |  | - |  |
| MLF Straight Rectangular Silencer | Medium | Medium | Medium | 6" x 6" (152 x 152) | 36" x 36" (914 x 914) | 22 gauge (.9) galv. steel | 22 gauge (.9) perf galv steel | Glass Fiber |  | - | - |  |
| LLF Straight Rectangular Silencer | High | Low | Low | 6" x 6" (152 x 152) | 36" x 36" (914 x 914) | 22 gauge (.9) galv. steel | 22 gauge (.9) perf galv steel | Glass Fiber |  |  | - |  |
| PRSL Rectangular Reactive No Fiber Silencer | Low | High | Standard | 9" x 9" (229 x 229) | 36" x 36" (914 x 914) | 22 gauge (.9) galv. steel | 26 gauge (.6) perf galv steel | No Fill |  |  | - |  |
| PRSM Rectangular Reactive No Fiber Silencer | Low | Medium | Standard | 9" x 9" (229 x 229) | 36" x 36" (914 x 914) | 22 gauge (.9) galv. steel | 26 gauge (.6) perf galv steel | No Fill |  |  | - |  |

| | | | | | | | | | | | | |
|---|--------|--------|--------|------------------------|----------------------------|---------------------------------|-------------------------------------|---------|---|---|---|---|
| PRLM Reactive No Fiber Silencer | Medium | Medium | Medium | 9" x 9" (229 x 229) | 36" x 36" (914 x 914) | 22 gauge (.9) galv. steel | 26 gauge (.6) perf galv steel | No Fill |  |  | - |  |
| PRL Reactive No Fiber Silencer | High | Low | Low | 9" x 9" (229 x 229) | 36" x 36" (914 x 914) | 22 gauge (.9) galv. steel | 26 gauge (.6) perf galv steel | No Fill |  |  | - |  |
| TRC Tuned Resonate Chamber Silencer | Medium | Medium | Medium | 6" x 6" (152 x 152) | 48" x 48" (1219 x 1219) | 22 gauge (.9) galv. steel | 26 gauge (.6) perf galv steel | No Fill |  |  | - |  |
| | | | | 6" x 6" (152 x 152) | 36" x 42" (914 x 1067) | | | | | | | |




Noise Control > Rectangular Elbow Silencers

| Model | Rated Velocity | IL | SP | Minimum Size | Maximum Size | Shell Material | Baffle Material | Acoustic Fill | Submittal | CSI 3-Part Spec | CAD Install Drawing | 3D Revit® Files |
|---|----------------|--------|----------|------------------------|----------------------------|----------------------------------|----------------------------------|----------------|---|---|---------------------|---|
| ELBSP Rectangular Elbow Silencer | Low | High | Standard | 6" x 6" (152 x 152) | 48" x 48" (1219 x 1219) | 18 gauge (1.3) galv. steel | 22 gauge (.9) perf galv steel | Glass Fiber |  |  | - |  |
| ELBMP Rectangular Elbow Silencer | Medium | Medium | Medium | 6" x 6" (152 x 152) | 48" x 48" (1219 x 1219) | 18 gauge (1.3) galv. steel | 22 gauge (.9) perf galv steel | Glass Fiber |  |  | - |  |
| ELBLP Rectangular Elbow Silencer | High | Low | Low | 6" x 6" (152 x 152) | 36" x 42" (914 x 1067) | 22 gauge (.9) galv. steel | 22 gauge (.9) perf galv steel | Glass Fiber |  |  | - |  |


Noise Control > Tubular Silencers

| Model | Max Rated Velocity | IL | SP | Minimum Size | Maximum Size | Length | Shell Material | Baffle Material | Acoustic Fill | Submittal | CSI 3-Part Spec | CAD Install Drawing | 3D Revit® Files |
|--|--------------------|--------|----------|-----------------|-----------------|-----------------------|----------------------------|-------------------------------|---------------|---|---|---------------------|---|
| AX-A Tubular Silencer | 3000 | High | Standard | 10" dia. (254) | 78" dia. (1981) | 2X dia. 36"min (914) | 18 gauge (1.3) galv. steel | 22 gauge (.9) perf galv steel | Glass Fiber |  |  | - |  |
| AX-B Tubular Silencer | 4000 | Medium | Medium | 10" dia. (254) | 78" dia. (1981) | 2X dia. 36"min (914) | 18 gauge (1.3) galv. steel | | |  |  | - |  |
| AX-C Tubular Silencer | 5500 | Low | Low | 10" dia. (254) | 78" dia. (1981) | 2X dia. 36"min (914) | 18 gauge (1.3) galv. steel | | |  |  | - |  |
| CN-B Tubular Silencer | 2500 | Medium | Medium | 10" dia. (254) | 28" dia. (711) | 3X dia. 48"min (1219) | 22 gauge (.9) galv. steel | 22 gauge (.9) perf galv steel | Glass Fiber |  |  | - |  |
| | | | | 29" dia. (737) | 48" dia. (1219) | 3X dia. | 18 gauge (1.3) galv. steel | | | | | | |
| | | | | 49" dia. (1245) | 78" dia. (1981) | 3X dia. | 16 gauge (1.6) galv. steel | | | | | | |
| CN-C Tubular Silencer | 3500 | Low | Low | 10" dia. (254) | 28" dia. (711) | 3X dia. 48"min (1219) | 22 gauge (.9) galv. steel | 22 gauge (.9) perf galv steel | Glass Fiber |  |  | - |  |
| | | | | 29" dia. (737) | 48" dia. (1219) | 3X dia. | 18 gauge (1.3) galv. steel | | | | | | |
| | | | | 49" dia. (1245) | 78" dia. (1981) | 3X dia. | 16 gauge (1.6) galv. steel | | | | | | |
| XF-A Axial Fan Discharge Silencer | 6000 | Medium | Low | 24" dia. (610) | 84" dia (2134) | 49" – 118" | 18 gauge (1.3) galv. steel | 22 gauge (.9) perf galv steel | Glass Fiber |  |  | - |  |



Noise Control > Grille Silencers

| Model | Max Rated Velocity | Depth | Minimum Size | Maximum Size | Shell Material | Baffle Material | Acoustic Fill | Submittal | CSI 3-Part Spec | CAD Install Drawing | 3D Revit® Files |
|--|--------------------|----------|------------------------|----------------------------|---------------------------|-------------------------------|---------------|---|---|---------------------|---|
| GSV4 Grille Transfer Silencer | 500 | 4" (102) | 6" x 6" (152 x 152) | 48" x 48" (1219 x 1219) | 22 gauge (.9) galv. steel | 22 gauge (.9) perf galv steel | Glass Fiber |  |  | - |  |

Noise Control > Modular Panels

| Model | Thickness | STC | NRC | Exterior Skin | Interior Skin | Shell Material. | U-Factor | Acoustic Fill | Flame Spread | Smoke Developed | Fuel Contributed | Submittal |
|---|-----------|-----|-----|-----------------------------|----------------------|---------------------------|----------|---------------|--------------|-----------------|------------------|---|
| Souchek Modular Panels | 4" (102) | 43 | 1.1 | 18ga (1.3) Solid galv steel | 22ga (.9) Perforated | 22 gauge (.9) galv. steel | 0.07 | Mineral Wool | 15 | 0 | 0 |  |
| | 2" (51) | 35 | 1.0 | | | | 0.10 | | | | | |

Noise Control > Airvent Transfer Silencers

| Model | Max Rated Velocity | W x H | D | CT | Length, Type C | Length, Type H | Length, Type W | S | Shell Material | Baffle Material | Acoustic Fill | Submittal | CSI 3-Part Spec |
|----------------------|--------------------|---------------------------|--------------|------------------|----------------|----------------|----------------|--------------|---------------------------|-------------------------------|---------------|---|---|
| D22 | 500 | 22" x 3" (559 x 76) | 24" (610) | | | | | | 22 gauge (.9) galv. steel | 22 gauge (.9) perf galv steel | Glass Fiber |  |  |
| CT12 | 450 | 10 1/2" x 8" (267x203) | | 22 1/2" (572) | | | | | | | | | |
| CT22 | 900 | 22 1/2" x 8" (572x203) | | 22 1/2" (572) | | | | | | | | | |
| L414 | 325 | 14" x 6" (356x152) | | | 48" (1,219) | 42" (1,067) | 48" (1,219) | | | | | | |
| L430 | 700 | 30" x 6" (762x152) | | | 48" (1,219) | 42" (1,067) | 48" (1,219) | | | | | | |
| L442 | 950 | 42" x 6" (1067x152) | | | 48" (1,219) | 42" (1,067) | 48" (1,219) | | | | | | |
| L614 | 450 | 14" x 8" (356x203) | | | 48" (1,219) | 40" (1,016) | 48" (1,219) | | | | | | |
| L630 | 950 | 30" x 8" (762x203) | | | 48" (1,219) | 40" (1,016) | 48" (1,219) | | | | | | |
| L642 | 1400 | 42" x 8" (1067x203) | | | 48" (1,219) | 40" (1,016) | 48" (1,219) | | | | | | |
| L814 | 650 | 14" x 10" (356x203) | | | 48" (1,219) | 38" (965) | 48" (1,219) | | | | | | |
| L830 | 1400 | 30" x 10" (762x254) | | | 48" (1,219) | 38" (965) | 48" (1,219) | | | | | | |
| L842 | 1900 | 42" x 10" (1067x254) | | | 48" (1,219) | 38" (965) | 48" (1,219) | | | | | | |
| S76 | 250 | 6" x 6" (152x152) | | | | | | 13" (330) | | | | | |
| S78 | 350 | 8" x 6" (203x152) | | | | | | 19" (483) | | | | | |