

Price Quiet-Line™

ACOUSTIC PANELS AND ENCLOSURES

Price Quiet-Line™ Acoustical Panels are ideal for use in barriers and enclosures in applications such as test cells, pumps, generator sets, built up air handlers, compressors, gas turbines and more. The tongue and groove design is easy to install, self aligning and structurally sound making Price Quiet-Line™ an economic solution to control unwanted noise at the source.

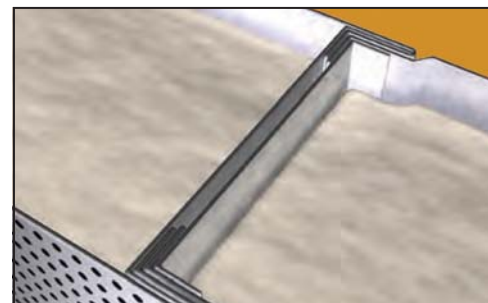
Highly effective and flexible panel system that can be customized to suit almost any application



Price Quiet-Line™ High Performance Acoustical Doors



Price Quiet-Line™ High Performance Panel



Tongue and Groove Construction for Ease of Installation

Product Information

Models

Acoustic Panels and Enclosures

| | |
|------------------------------|-------------|
| 2" Quiet-Line Acoustic Panel | QLP2 |
| 4" Quiet-Line Acoustic Panel | QLP4 |
| 6" Quiet-Line Acoustic Panel | QLP6 |

Price Quiet-Line acoustic panels are a highly effective method of controlling excessive equipment noise, and with tongue and groove construction, assembly is easy and installation time is minimized. Price's versatile line of panels is ideal for use in walls, barriers and enclosures, and is available in all shapes in sizes to meet the noise reduction requirements. The Price Quiet-Line panel system is extremely flexible and because we have the ability to build each barrier or enclosure to suit the application we can provide a customized solution to fit your noise control needs.

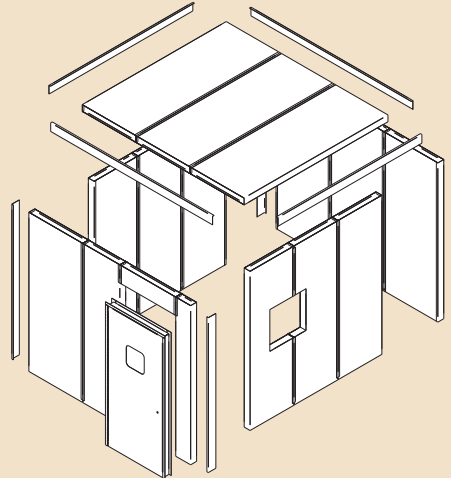
Features

- Easy to assemble, tongue and groove design.
- Available with Price Quiet-Line high performance Acoustical Doors.
- Available in H-Chanel design when heavy gauges are required.
- Available in 2, 4, and 6 inch depths.
- Provided with required openings and construction characteristics to suit the application.
- No screws through panel joints to reduce installation cost and air/noise/moisture leakage.
- Tongue design to eliminate the need for field insulation of joints.
- Effective enclosure system for noisy equipment.
- Available with heavier gauge construction to minimize breakout noise.
- High quality and flexible system to provide strength and airtight construction.
- Economical way to attenuate low frequency noise at the source.
- Self-aligning panels installed in minimal time.
- Customized to suit each application, with a wide variety of sizes and configurations available.

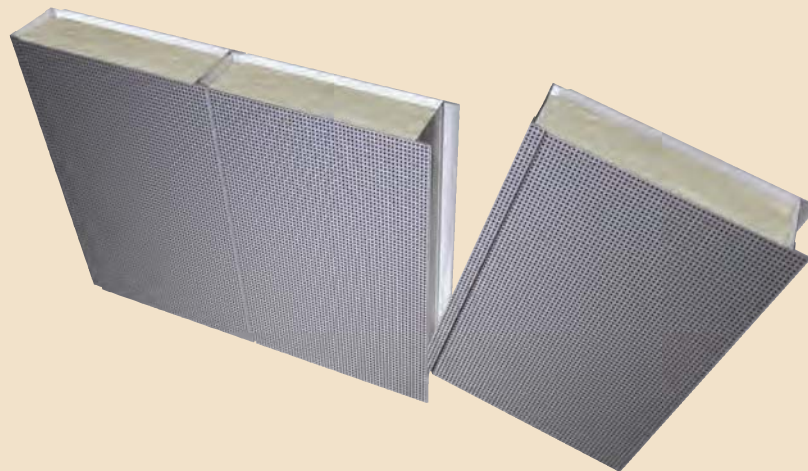
Quiet-Line Applications

- Barrier systems
- Custom enclosures for noisy equipment
- Inlet and exhaust plenums
- Rooms and booths
- Test Cells
- low frequency noise reduction
- Ideal for attenuating unwanted noise from turbines, pumps, motors, compressors, air handlers, generator sets, and more.

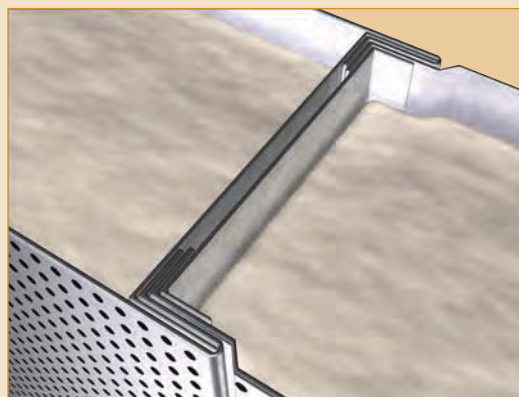
Quiet-Line Enclosure



Quiet-Line Panel Assembly



Tongue and Groove Joint



Product Information Index

| | |
|-------------------------------|------|
| Performance Data | M361 |
| Suggested Specification | M365 |

M-360

Acoustic Panels and Enclosures Quiet-Line Series

Product Information

Construction

Price absorptive Quiet-Line panels are constructed of 18 gauge solid metal skin, glass fiber acoustic media and 22 gauge perforated liner.

For applications with very strict or unique requirements that cannot be met by the standard construction classifications, please contact your local Price sales rep.

Material

G – Galvanized (Default material)

A – Aluminum†

304 – 304 Stainless Steel†

316 – 316 Stainless Steel†

SC – Satin Coat (paintable)

† Sheet metal gauge may differ from standard values.

Panel Sheets

Quiet-Line Panels that exceed a width of 45 inches will be built in multiple sheets, then field assembled (by others).

Enclosures

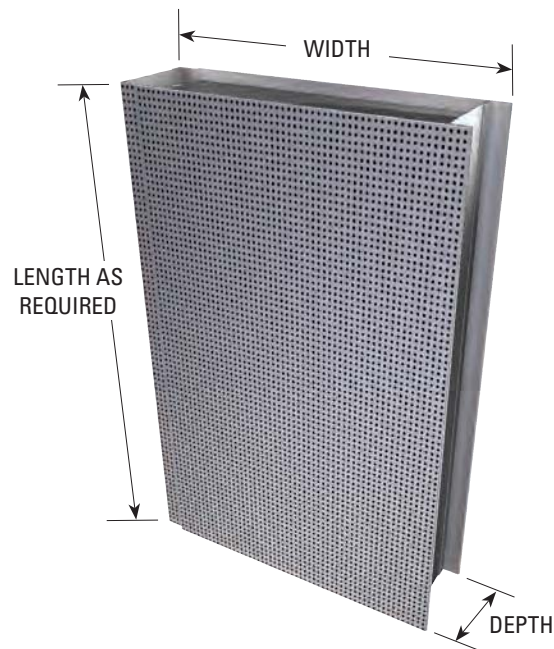
Built up enclosures will be shipped factory assembled and equipment mounted. Enclosures provide ventilation with integrated noise control, and can be custom designed for the application.

Performance Data

| Model Depth (inches) | Transmission Loss (dB) Measured at Octave Band Center Frequencies | | | | | | | |
|----------------------|---|-------|-------|--------|------|------|------|------|
| | 63Hz | 125Hz | 250Hz | 500 Hz | 1KHz | 2KHz | 4KHz | 8KHz |
| 2 | 16 | 16 | 22 | 29 | 37 | 42 | 48 | 41 |
| 4 | 16 | 17 | 25 | 34 | 44 | 49 | 53 | 51 |

| Model Depth (inches) | Absorption (Coefficient) Measured at Octave Band Center Frequencies | | | | | | | |
|----------------------|---|-------|-------|--------|------|------|------|------|
| | 63Hz | 125Hz | 250Hz | 500 Hz | 1KHz | 2KHz | 4KHz | 8KHz |
| 2 | 0.11 | 0.50 | 0.83 | 1.05 | 0.95 | 1.00 | 1.10 | 0.95 |
| 4 | 0.27 | 0.88 | 1.17 | 1.07 | 0.96 | 1.01 | 1.10 | 1.05 |

Test data is obtained in accordance with ASTM E90 and ASTM C423 test standards for transmission loss and absorption coefficients respectively.



Standard Dimension Limits

| Panel Width | | Depth | |
|-------------|-----|-------|-----|
| Min | Max | Min | Max |
| 12 | 45 | 2 | 6 |

- All dimensions are in inches.
- Standard sizes based on raw material sizes and acceptable structural engineering practices.
- For sizes outside the standard range, please contact your local Price sales rep.

Acoustic Panels and Enclosures Quiet-Line Series



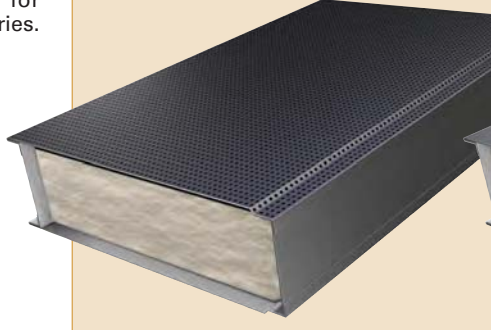
Accessories & Custom Options

To meet project requirements Price can provide a wide range of additional features. Contact your local Price sales rep for additional custom options and accessories.

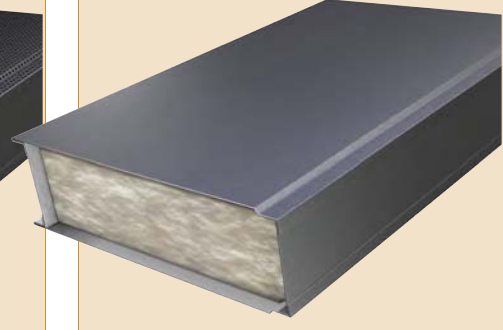
Panel Construction Options

- 6" depth panels
- Heavier gauge construction
- Polymer Film Liner
- Fiberglass Cloth
- Paint

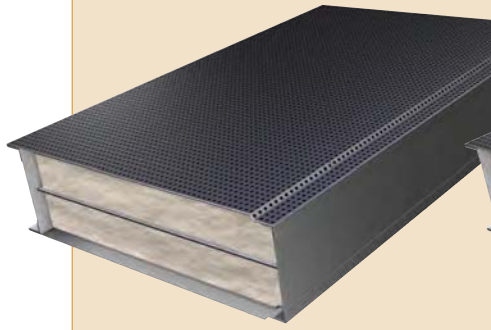
Standard Perforated/Solid Metal Panel



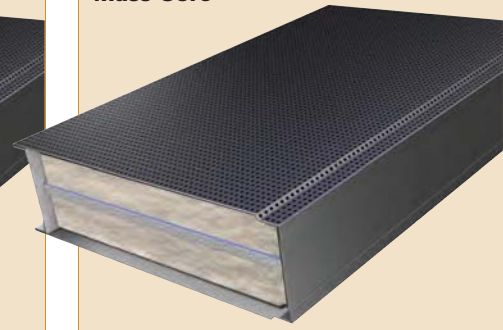
Solid/Solid Metal Panel



Perforated/Solid with Septum

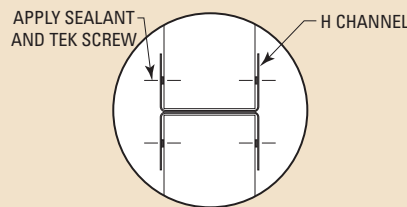


Perforated/Solid with Added Mass Core

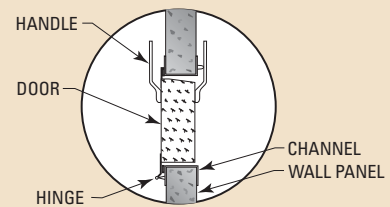


Enclosure Accessories and Construction Options

- H Channel**
- Windows
 - H-Channel Construction



- Door**
- Pre-hung Acoustical Doors



- Removable Panel**
- Removable Panels/Access Panels

