

Quiet Haven™ Heavy-Duty, Industrial Personnel Enclosures

Meet OSHA standards by
isolating personnel from excessive sound.

a McGill AirSilence™ product

United McGill® products



Quiet Haven Crane Operator Station

McGill AirSilence's Quiet Haven enclosures effectively isolate personnel from noise in industrial environments. They improve employee efficiency by isolating personnel from excessive sound without limiting machine access or operator visibility. Quiet Haven enclosures can be custom designed for a wide range of applications such as in-plant offices, control rooms, workstations and testing laboratories.

Quiet Haven enclosures can be shipped completely assembled or in sections to be assembled on site. They are finished painted with windows, doors, lights, and electric wiring, and ready for field hook-up. They can be equipped with silenced air intake and exhaust systems. Air conditioning and heating are optional. These enclosures are designed with forklift channels in the base for easy pick-up and relocation without disassembly.

McGill AirSilence can provide a complete service package including:

- Expert noise control advice and assistance
- Noise measurement testing and NVLAP® laboratory analysis if required
- Customized design solutions
- Manufacture of all components and structures to agreed specifications
- Installation and field hook-up assistance

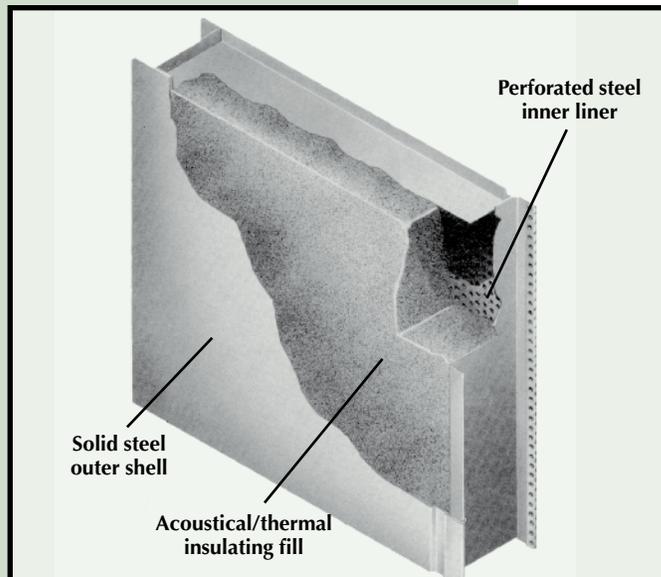
For more complete information including specifications, pricing, and delivery, or information about other noise control products, please contact McGill AirSilence.

Panel Construction

Soundscreen panels are the basic building blocks of all Quiet Haven enclosures. The standard panel consists of a sandwich construction of an 18- or 20-gauge, galvanized solid steel outer shell, acoustical/ thermal insulating fill, and a 22-gauge minimum, perforated, galvanized steel inner liner. Other skin materials are available including paintable galvanized steel, types 304 and 316 stainless steel, and aluminum. Standard panel dimensions are thicknesses of 2 or 4 inches, widths of 24 or 36 inches, and lengths up to 10 feet for 2-inch-thick panels and up to 16 feet for 4-inch-thick panels.

Acoustical/Thermal Fill

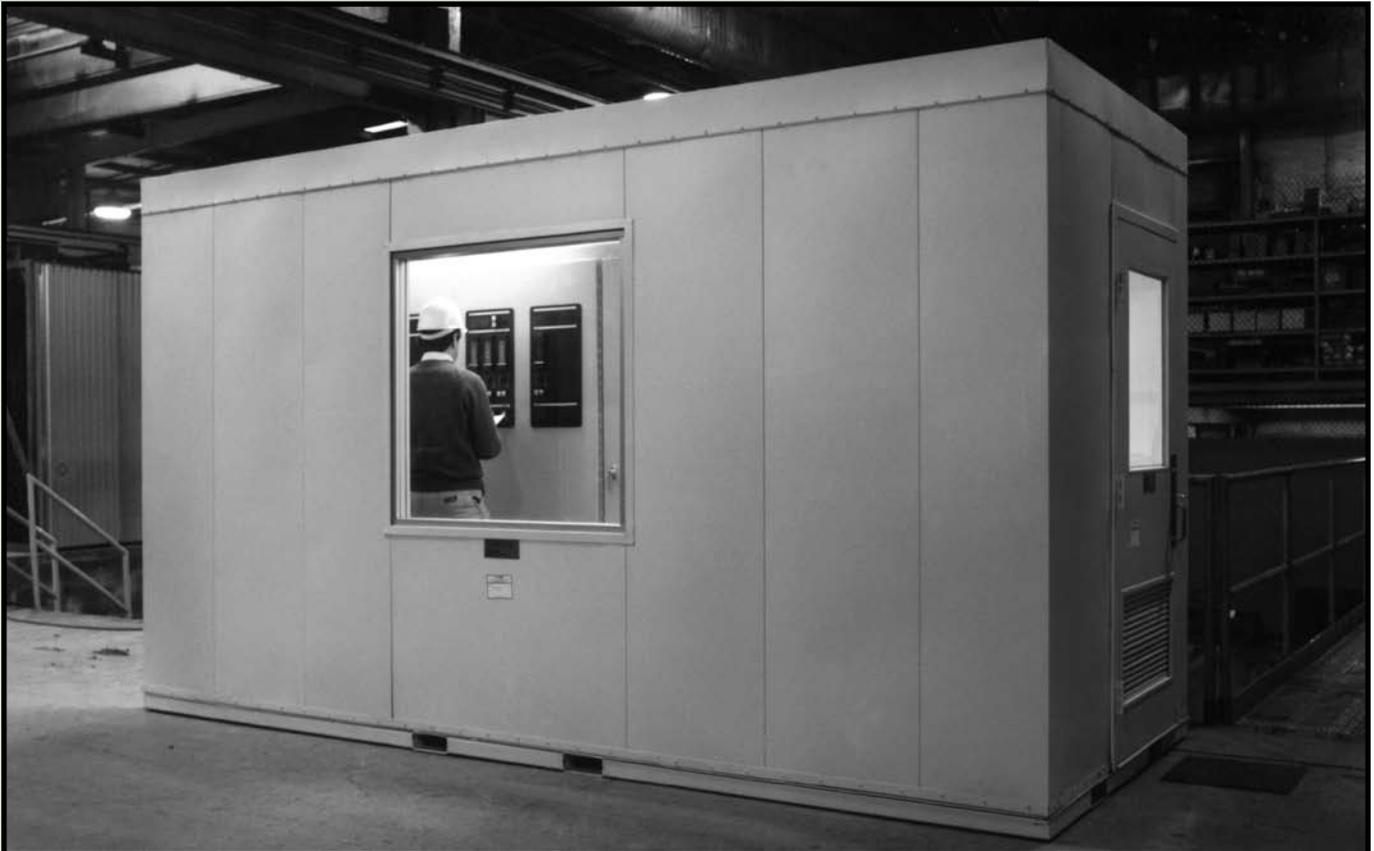
The standard acoustical/thermal fill is fiberglass batt insulation. The insulation will not settle or promote the growth of bacteria, mold, vermin, or insects. All insulating materials and inner and outer surfaces used in Soundscreen panels meet the requirements of NFPA-90A.



Soundscreen Panel Construction



Quiet Haven In-Plant Office



A Quiet Haven Control Room

Accessories

Heating, cooling and ventilation systems, electrical systems, factory paint finishes, and telecommunications connectors can be furnished.

Acoustical Doors

All Quiet Haven enclosures can be furnished with a wide variety of acoustical doors. Standard personnel doors are 36 inches wide by 80 inches high and can be supplied with a 24-inch by 30-inch safety glass vision panel with neoprene acoustical edges and bottom seals. Doors are pre-hung, insulated, and equipped with two hinges, one industrial door latch (with an inside personnel safety release), and gasketing. Doors are also available in single- and double-leaf hinged, right- and left-hand swings, single- and double-horizontal slide, vertical slide, bifold constructions, manual operation, and automatically operated versions. Observation windows can be provided in all doors.

Observation Windows

Standard observation windows for Quiet Haven enclosures are constructed from two 1/4-inch-thick panes of safety glass held in place with neoprene acoustical seals and separated by an air space equal to the thickness of the panel. Other optional window materials and optional window configurations are available.

Applications

McGill AirSilence custom builds Quiet Haven enclosures to meet the requirements of many applications. Typical applications include:

- Foreman & Supervisory in-plant offices
- Control rooms
- Information offices
- Workstations
- Power plant offices
- Machine tender stations
- Guard houses
- Security rooms
- Conference/training rooms
- Warehouse offices
- First aid stations
- Dispensaries
- Shipping and receiving offices
- Computer rooms
- Lunch/break rooms
- Quality control inspection offices
- Material testing stations
- Drafting rooms

Products depicted in this specification sheet were current at the time of publication. As a quality-conscious manufacturer, McGill AirSilence is continually seeking ways to improve its products to better serve its customers. Therefore, all designs, specifications, and product features are subject to change without notice.

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McGill AirSilence LLC

An enterprise of United McGill Corporation — Founded in 1951

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