SpanAir™ Clip-In Panel

(For Interior installations only)

Introduction

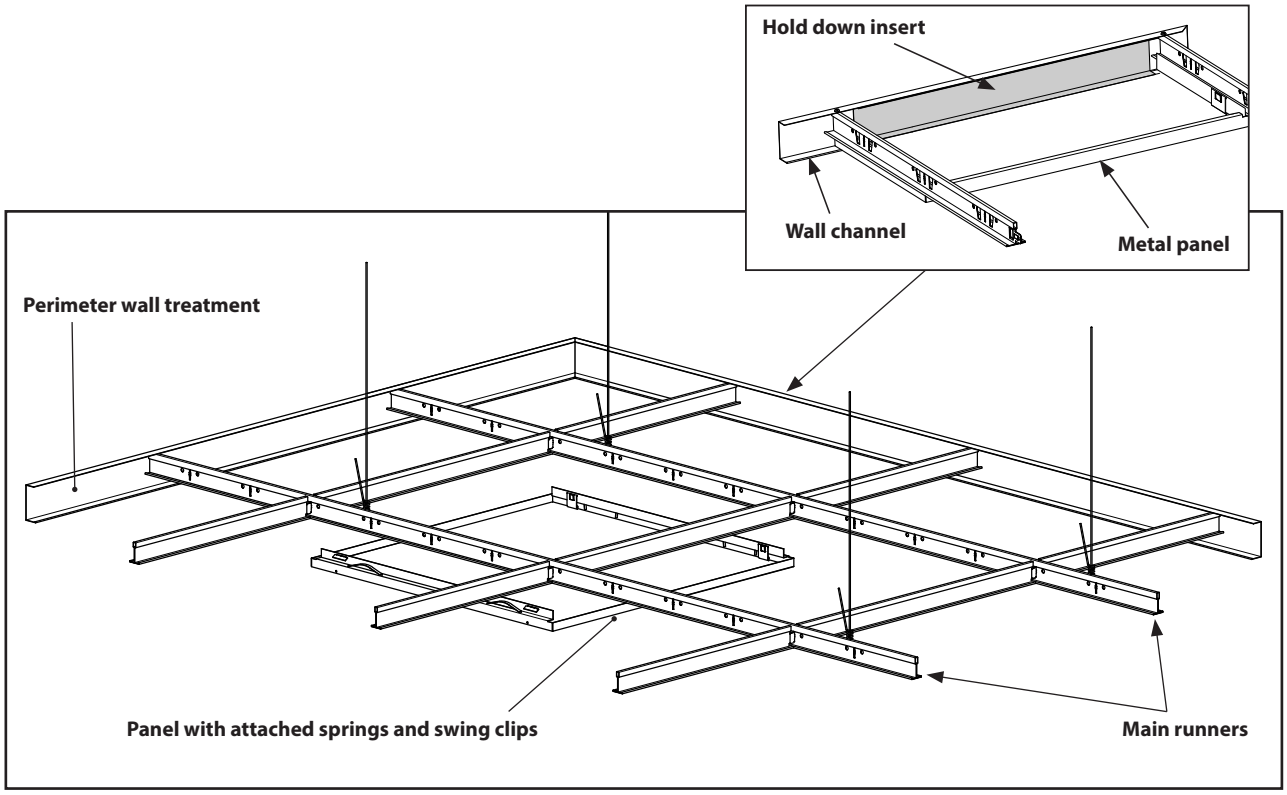
Please read these instructions completely before beginning the installation of this metal ceiling system. Always follow good safety practices when installing ceilings. Prior to beginning installation ensure that all materials are received and in good condition. Record any shipping damage on the carrier's bill of lading and contact ROCKFON immediately to order replacement material by emailing cs@rockfon.com. Fax replacement material orders, including a purchase order number to 866.211.3824. For technical questions, contact Tech Services 800-323-7164, prompt 3.

Tools needed:

- Slot screwdriver
- Phillips screwdriver
- Tape measure
- Level or leveling device (laser)
- Band Saw
- Marking tool (pencil)
- Clean gloves
- Aviation snips
- Circular Saw

Reference Documentation

- Reflected ceiling plans (RCP)
- Project specifications
- Approved shop drawings *(if applicable)*
- Datasheet *(website)*
- Rockfon system drawings *(website)*
- ASTM C636 *(reference document available from ASTM)*



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1. Description and Components

1.1 SpanAir™ Clip-In metal ceiling panels contain leaf springs and spring clips, designed to allow downward accessibility of the panels. SpanAir Clip-In panels are manufactured of high recycled content aluminum.

1.2 This system installs into new or existing 15/16" ceiling suspension system.

1.3 SpanAir Clip-In panels are available in standard sizes with factory installed springs for ease of installation. Standard sizes of 24″ x 24″ and 24″ x 48″ are available along with custom sizes.

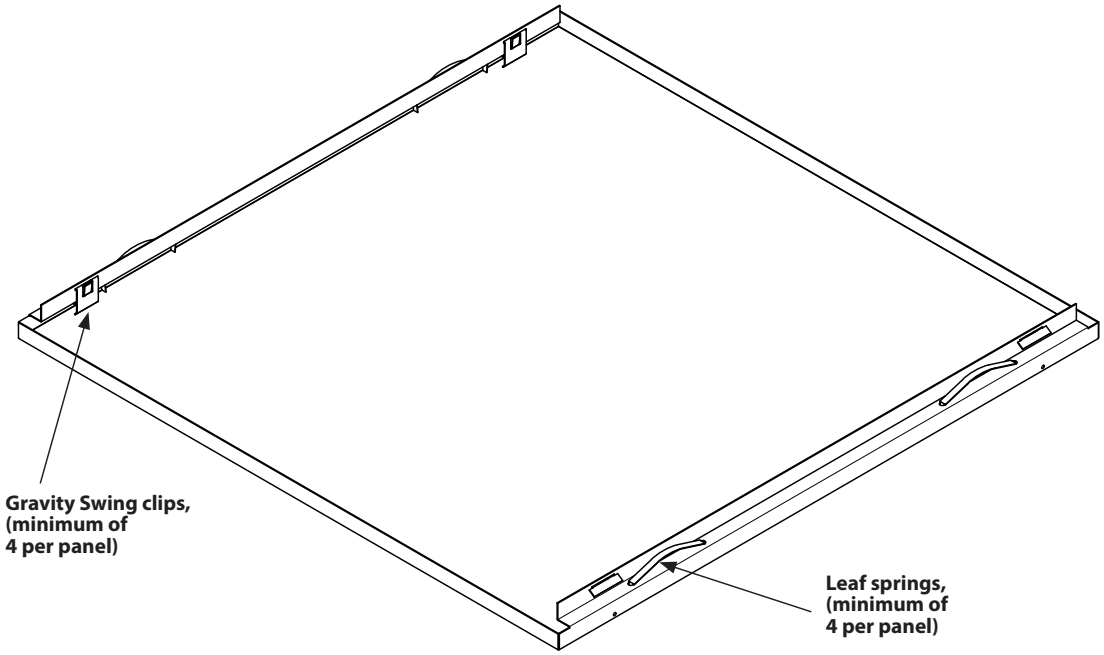


Fig 1.2 - Square edge panels

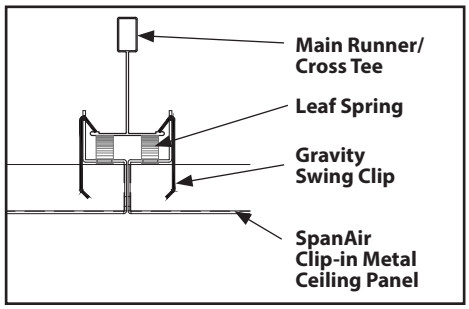
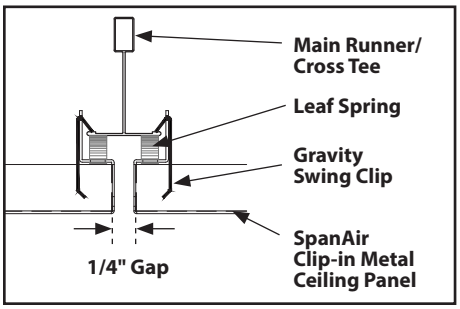


Fig 1.3 - Reveal edge panels



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2. Suspension system installation

2.1 Layout of the suspension should be detailed in the project construction drawings.

2.2 Installation of the suspension must conform to all local building codes and standards in every respect. Please reference ASTM C636 for additional information.

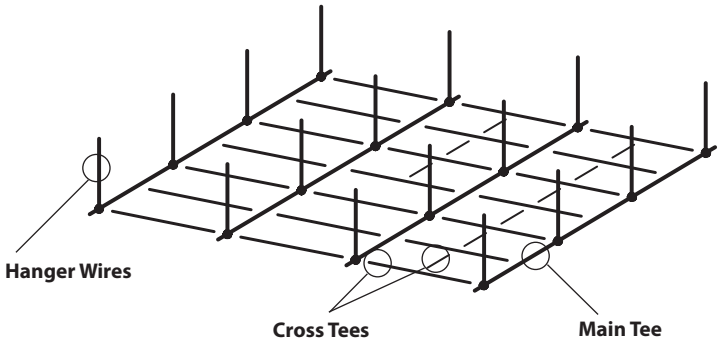
2.3 Main runners are to be installed 4' on center and supported by minimum 12 gauge hanger wire spaced at no more than 4' centers along the length of each main runner.

2.4 Cross tees must be installed in consecutive rows to match the panel length (24" or 48").

Additional 2' cross tees may be required to provide support for lighting fixtures or other accessories mounted in the ceiling. The weight of accessories must NOT exceed the load carrying capabilities of the system.

2.5 Install 15/16" grid suspension in modules to correspond to panel size.

2.1 - Position Hanger Wire



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3. Installing perimeter treatment

3.1 Secure the specified perimeter treatment at the proper elevation on the walls as required by the construction drawings. This perimeter treatment will support the Clip-In panels that terminate at the wall.

3.2 Use hold down inserts to hold cut edge of Clip-In panels in place at perimeter treatment. Use a minimum of one hold down insert per foot of Clip-In panel width to maintain proper contact with trim edge. (Refer to details 3.1, 3.2, and 3.3)

Fig. 3.1 - Wall Channel with Cut Panel

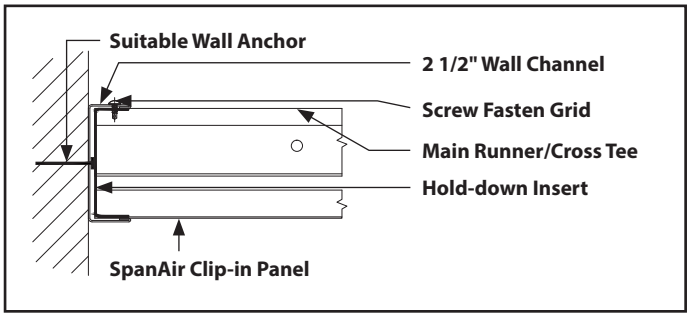


Fig. 3.2 - Reveal Wall Angle with cut panel

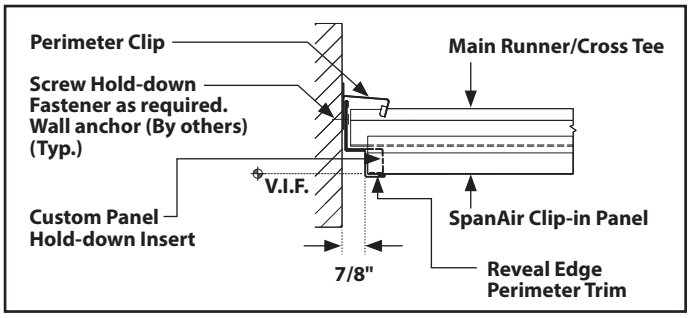
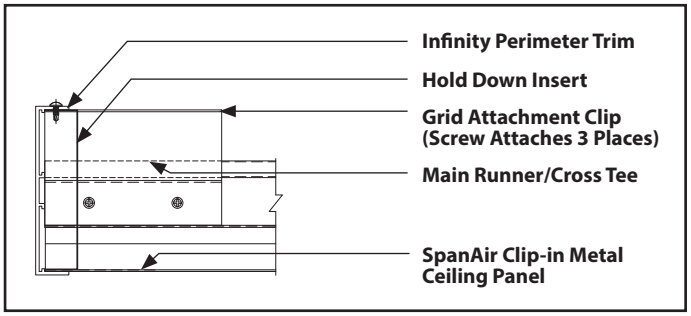


Fig. 3.3 - Infinity Trim with cut panel



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4. Clip-In panel installation and removal

4.1 From below, align panel with grid module, push panel upward until gravity swing clips engage back side of grid. (Fig 4.1 and 4.2)

4.2 Panels installed at the perimeter are held in place by gravity swing clips and appropriate perimeter trims (refer to section 3.0 diagrams).

4.3 Clip-In panel removal or access to the plenum is achieved by inserting a wire into the access hole to release the swing clip. The panel will release and can be removed from the suspension grid. The system will allow access to the plenum through all panels. A special removal tool is not required for insertion into the access hole. (Fig 4.3 and 4.4)

Fig. 4.1

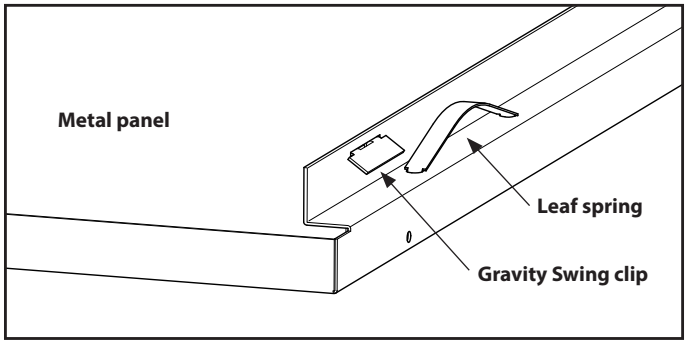


Fig. 4.2

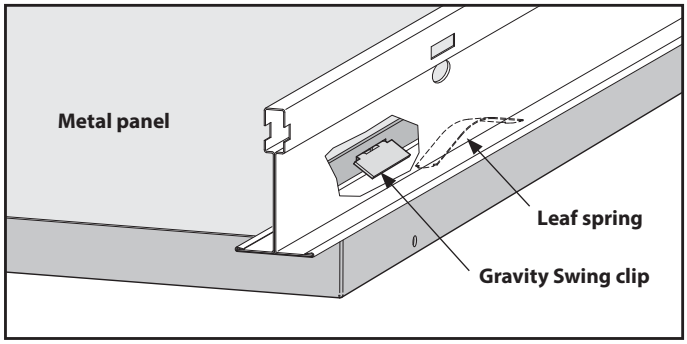


Fig. 4.3

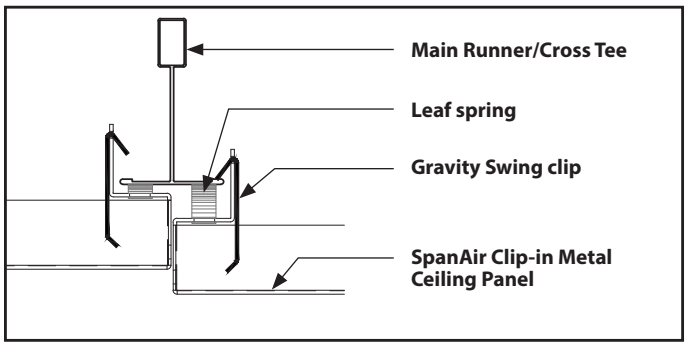
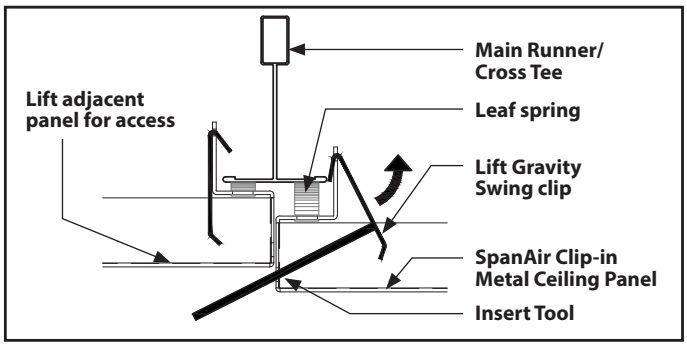


Fig. 4.4



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5. Cleaning

5.1 Select a mild, non-abrasive cleaning agent typically used for cleaning painted or reflective surfaces. Never use abrasive cleaning agents as such treatments may scratch, mar, alter, discolor, and/or remove the finish.

5.2 Before cleaning the finish, perform a trial test on a section of the finish that will be hidden from view once installed. This will insure that the cleaning agent selected is appropriate and will not damage the finish in question.

5.3 Once an appropriate cleaning solution has been selected, care should be taken to use only that amount which is necessary. Do not soak the ceiling components with the solution.

5.4 Use a clean soft sponge or cloth when applying the cleaning agent in order to insure that the applicator does not contain any abrasive elements that may damage the finish in question.

5.5 Any excess cleaning solution should be removed immediately so that the solution does not dry and possibly leave a residue. In the event that a large area needs to be cleaned, it's advisable to break the area down into smaller, more manageable sections so that adequate time is available to complete each phase of the cleaning cycle.

5.6 After cleaning the soiled or smudged area, wipe the surface with a dry soft cloth to remove any residual cleaning solution and dry the area. Use a clean damp cloth to remove any residue that cannot be removed with the dry cloth. Repeat the drying process.

5.7 After the components are clean, allow a few minutes for air drying before installation. It is important that the clean components are dry because other ceiling material, such as insulation, which may come into contact with the cleaned components, can be susceptible to damage from moisture.