

# SPECulations



A Periodic Newsletter for Design Professionals  
About Innovative Products and Ideas Worthy of Specification Consideration

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Issue



## Why The Best Costs Less!

### OVERVIEW

TITUS' FlowBar is a continuous linear slot system which uniquely appeals to both Engineers and Architects. Engineers enjoy the luxury of designing an air distribution system that delivers optimum performance. Architects love the beauty of FlowBar's inconspicuous and complementary appearance. FlowBar, however, was designed with far more than appearance in mind.

Besides form and function, what sets FlowBar apart from all other brands? It quickly and easily installs. Because FlowBar installs during the ceiling installation - not after - it is an integral part of the ceiling. This provides three distinct advantages over conventional air bar installations. *First*, FlowBar is self-leveling. *Second*, the plenums are supported by the FlowBar/ceiling grid and snap into place as FlowBar is installed. *Third*, the entire installation is completed in one-step, from start to finish. Other brands require several steps for installation: *Prior* to the ceiling installation - hang the plenums; *during* the ceiling installation - cut and frame the opening; *after* the ceiling installation - install the air bar and painstakingly align and level to the finished ceiling.

FlowBar's flexibility includes six frame styles which create eight different border types. These border types give the designer ultimate control for any architectural situation. Unique clips and hangers attach FlowBar to the ceiling, allowing for a clean, quick and affordable installation. **Installation time is reduced as much as 80%** compared to other brands!



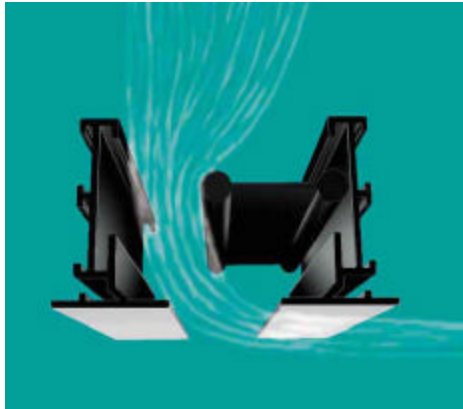
### ADVANTAGES

When specifying a linear diffuser system, remember more architects prefer TITUS FlowBar over any other brand for several reasons:

- 1) Custom Curving:** When your project demands twists and turns, circles and more, FlowBar can be specially ordered shaped and curved to your exact specifications. It truly allows your imagination to run free, with beautiful results (see photos at right and above).
- 2) More CFM per foot:** FlowBar boasts the highest capacity of any linear system, giving you more flexibility for aesthetics while maintaining proper air volume.
- 3) Extremely Quiet:** While other brands whistle and roar, FlowBar operates at a whisper level. If you go through the trouble of designing an air delivery system that is nearly invisible, why draw attention to it with distracting noises?
- 4) Fewer Joints:** FlowBar is available up to 12' long, offering fewer seams and better uniformity in appearance.
- 5) Visually Pleasing:** Aesthetically, FlowBar beautifully integrates into the ceiling because it is designed to be part of the ceiling system. Hole covers become a thing of the past.

# Which TITUS FlowBar is your Best Choice?

## HighThrow



The HighThrow pattern controller allows air to be directed to the left or right, as well as downward when installed in a ceiling system. As air is directed in either direction horizontally, a surface effect is maintained, even at reduced volumes, to provide room air motion without drafts. This, along with its high induction characteristics, makes HighThrow an excellent choice for variable volume systems.

## JetThrow



The JetThrow pattern controllers allow the airstream to be jettted in a vertical direction when installed in a ceiling and a horizontal direction when in a side wall. It is designed for those situations where extended throw is required, as in high bay applications and perimeter zones requiring vertical projection so heated air can be directed downward. JetThrow (with nonadjustable pattern controllers) is also available for curved FlowBar applications.

## Another perSPECTive...



By Dave McIntyre

When you've got a building to design, don't allow the air distribution to be something that holds back your creativity. Instead, allow the air distribution system to be the catalyst to let your imagination soar to new heights of possibilities. What type of air distribution can achieve all this? TITUS FlowBar.

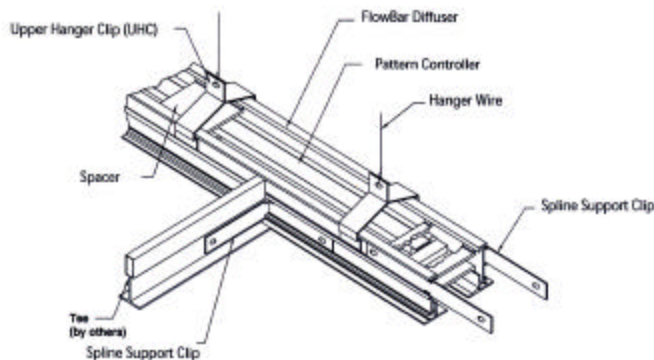
From S curves to full circles, FlowBar can be fashioned to meet the most discriminate of designs. Flexibility combined with beauty is the trademark of ceilings incorporating FlowBar.

Products that inspire a creative exchange of ideas between architect and consultant are rare. Specify FlowBar and let its aesthetic appeal open doors to productive and profitable dialog

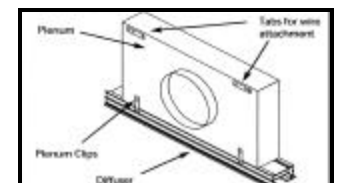
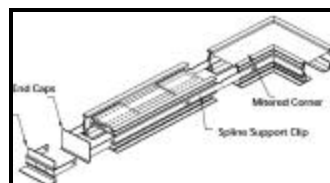
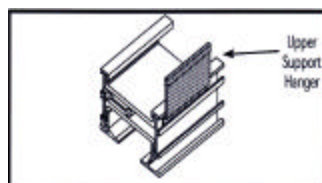
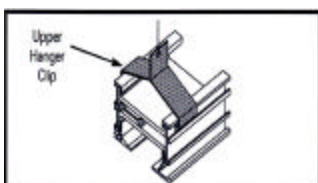
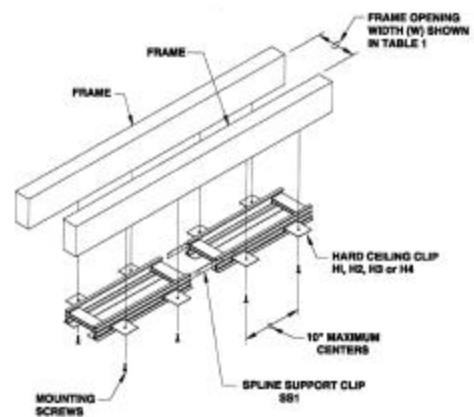
# Reduced Installation Time is the Key to Big Savings

Conventional architectural linear diffusers are supported by the duct system. In most cases, they are installed after the ceiling system is in place, leading to uneven joints and unsightly gaps. The FlowBar system, installed along with the ceiling suspension grid, actually supports and becomes an integral part of the ceiling system. This not only saves time, but the installation savings makes FlowBar the most cost efficient architectural linear available!

## Acoustical Ceiling Installation



## Hard Ceiling Installation



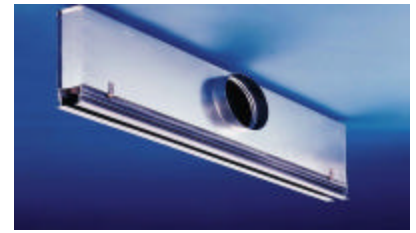
## Local Availability!

Have a fast track project or a job in a pinch? Don't accept substitutes!

Many popular sizes and styles of FlowBar are stocked right here in Southern California. Even local custom curving is available when time is truly of the essence.

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FlowBar. It makes you and your projects look good!



FlowBar is available in custom colors or anodized finishes (upper left). Additional complimentary diffusers include the ModuFlow (lower left) and the FlowTee slot diffuser (upper and lower right).

## What do Contractors and Architects say about FlowBar?

"We prefer FlowBar because it installs 5 times faster than other brands and it coordinates perfectly with the ceiling trade." **Roger Bartling, General Foreman, A.O. Reed, San Diego**

"I don't know of another product available that comes close to FlowBar's clean look and performance characteristics. The city is very pleased with the product."  
**Brentwood Library architect Paul Murdoch, Paul Murdoch Architects, Los Angeles**

### Benefits to the Architect/Engineer

- ◆ **Flexibility** Plenums may be placed where needed for the room load, even when the architect wants a continuous linear look.
- ◆ **Versatility** Supply and return may be on the same slot. Pattern controllers can be set to flow to the right, left or down, every 24".
- ◆ **Higher Capacity** FlowBar handles more CFM per foot than other linear diffusers. A single slot FlowBar can often handle the same amount of air as a 3 slot conventional linear.
- ◆ **Options** Multiple border types, factory cutting and/or curving, side wall mounting and custom finishes mean total design flexibility.
- ◆ **Performance** The fixed aspect ratio ensures the engineer will achieve the intended design performance. TITUS Teams® software allows instantaneous ADPI performance calculations for any room condition.
- ◆ **Partnership** By specifying FlowBar, you demonstrate to both the architect and the owner your ability to preserve appearance without sacrificing performance.

### Benefits to the Owner/Contractor

- ◆ **Installed Value** The unique mounting clip installation method installs in a fraction of the time required by other linear systems. By substantially reducing the cost of installation, it is the most cost efficient linear system available.
- ◆ **Labor Savings** By installing directly into the ceiling framing system in a single phase, FlowBar eliminates 2nd and 3rd return trips to finish the installation.
- ◆ **Simple Attachment** FlowBar plenums easily and quickly snap into place. No clumsy concealed fasteners or tricky field leveling required.
- ◆ **Adaptable** The FlowBar is easily cut in the field to exact dimensions to suit changing field requirements, all without special tools.
- ◆ **Seamless Interface** By integrating with the ceiling system, FlowBar adds strength by actually becoming a structural part of the ceiling itself.
- ◆ **Quiet Beauty** Owners will like the appearance and the quiet, efficient operation. Another plus is the reduction of complaints from air drafts and noise.

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