

## Floor Mounted Displacement Chilled Beams

## chilled beams

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### TAO

- Floor mounted, under the sill or fully exposed active chilled beam perfectly suited for educational and healthcare facilities
- Suited for climate zones with heat loads greater than 250 Btuh/ft
- Designed to meet the highest ventilation effectiveness required in schools and healthcare facilities while maximizing the hydronic system to handle the sensible load
- Circular perforated front face for return air
- Pencil proof grille
- Ultra quiet operation
- Available in 5 and 6 ft length to match different classrooms spaces and loads
- Heavy gauge painted cabinet
- Pressure port for air-side balancing and flow verification



TAO

\* The Titus AR mobile app is available for download in Google Play and iOS



### MODEL:

TAO

### FINISHES:

Standard Finish - #26 White

Optional Finish - Wood grains (See Wood grains Brochure for Finishes)

### OVERVIEW

Installed along building perimeters to best handle extreme temperatures where they start – from the outside in - the TAO (Temperature Ambient Optimizer) provides superior thermal comfort in areas where high ventilation loads are needed, such as educational facilities and theaters. It combines the benefits of both chilled beam and displacement units, rolled into one system perfect for extreme climates.

Ideal for use in classrooms and theaters where air quality and sound are critical, the TAO supplies 100% outside air while meeting ANSI Standard S12.60 for acoustics in educational facilities.

### ADVANTAGES

- Maximizes the displacement ventilation benefits and enhances the removal of space respiratory contaminants
- Dedicated heating coil to neutralize the thermal load of the window or perimeter wall
- 2 x 2 pipe vertical mounted coil with removable condensate tray for cooling during the Summer and to provide supplemental heating for the Winter
- Optional integral primary air parallel duct connection to minimize air pressure drop, noise and ease of installation

 See website for Specifications



Multiple TAO units installed in an elementary school