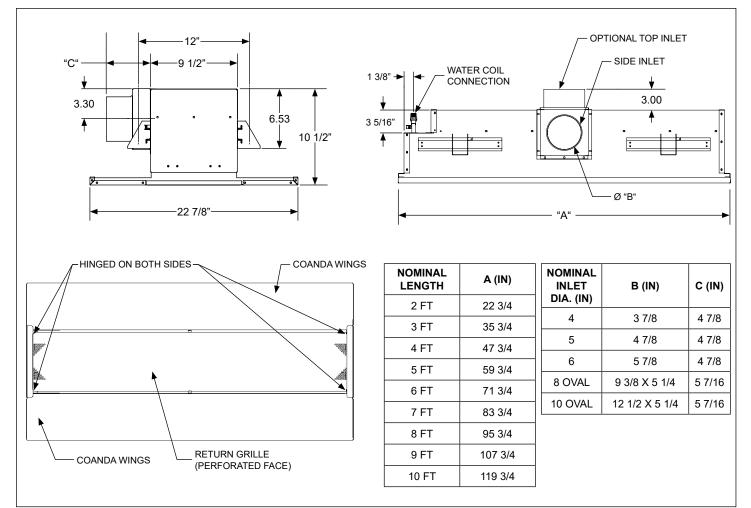
# **@** Titus

# Submittal

#### **CBE2-12** • Linear Exposed Mounted Chilled Beam

1-Way & 2-Way Discharge
 Vertical Coil

#### Top Inlet Configurations



#### **General Description**

- 12 inch wide, linear active chilled beam diffuser, available with 1-way or 2-way air distribution.
- Designed with integrated coanda plates for exposed installations.
- 2 to 10 feet chilled beam length in 1 feet increment.
- 2 pipe or 4 pipe coil configurations.
- Casing manufactured with galvanealed G90, 20 gauge sheet metal. Mechanically sealed, leak resistant construction.
- Coil standard with air vent, coil drain and 1/2" water connection, optional sweat ot threaded connection.
- Rails with adjustable mounting brackets are provided, quantity varies per unit length.

- 4, 5, 6 or 8 inch oval and 10 inch oval inlet connection, located either on the side or top.
- Return face panel assembly is hinged, on both sides, allowing to swing open from either side or to be completely removed and provide easy access to internal components.
- Return face panel assembly available with round perforation or linear bar grille.
- Exterior face, border elements and visible internal components are painted in color of choice. Exposed plenum components painted black. Paint is powder coat, a mix of polyester and epoxy.

This Submittal is meant to demonstrate general dimensions and information of this product. The drawings are not meant to detail every aspect of the product. Drawings are not to scale. Titus reserves the right to make changes without written notice.

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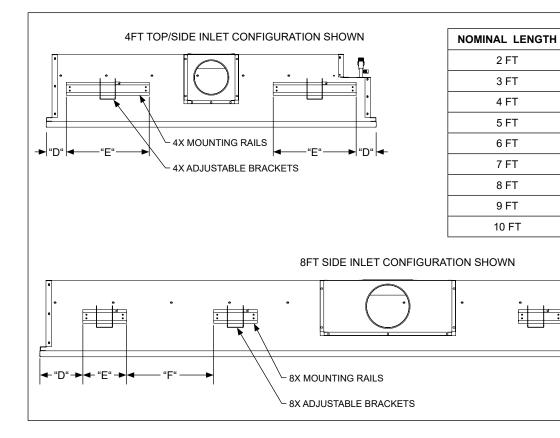
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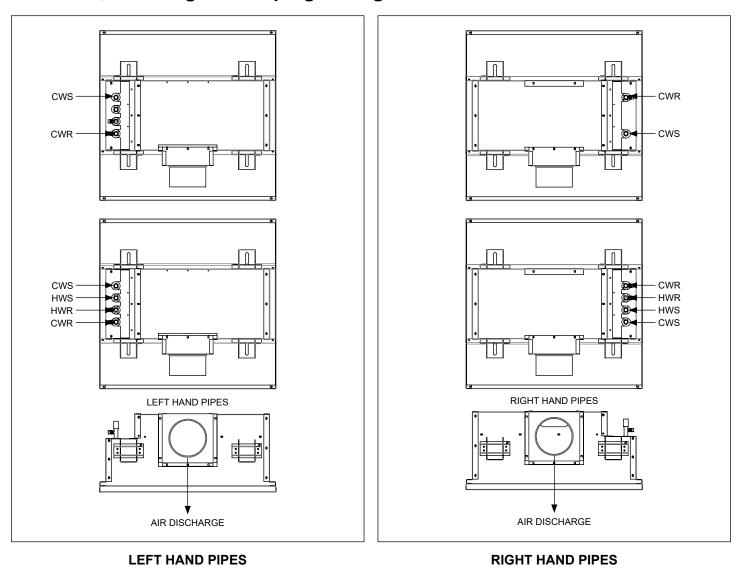
### **Basic Unit Configuration**

Beam Width (nominal- in) ☐ 12	Unit Length (nominal - ft) 2 3 4 5 6 7 8 9 10 10 10 10 10 10 10 10 10 10 10 10 10	Throw Pattern <ul> <li>F - Same Side as Inlet</li> <li>B - Opposite Side of Inlet</li> <li>2 - Way</li> </ul>	Nozzle Configuration
Primary Air Inlet Diameter Connection (inch)	Primary Air Inlet Orientation	Face Pattern	Accessories
□ 5 □ 6 □ 8* □ 10*	🗌 Side 🔲 Top	Circular Perforation	Lint Screen
*Note: 8" and 10" are equivalent oval			Insulation
Coil Type - Water Side Connection	Coil Connection -Type	Exposed Face Finish Color	
2 Pipe - Left Hand	☐ ½ in Sweat (SWT)	White #26	
2 Pipe - Right Hand	□ ½ in MNPT <sup>*</sup> (MPT)	Black #84	
4 Pipe - Left Hand	□ ¾ in MNPT* (3PT)		
4 Pipe - Right Hand	*Note: MNPT required for CBHK hoses. CBHK hoses ordered separately.		

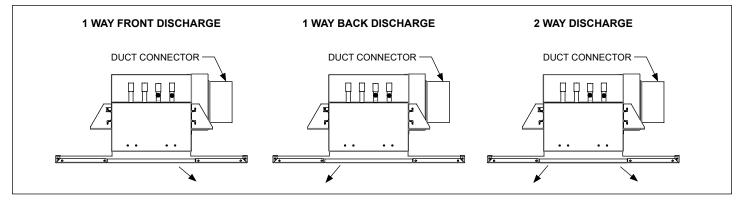
## Hanger Bracket Details



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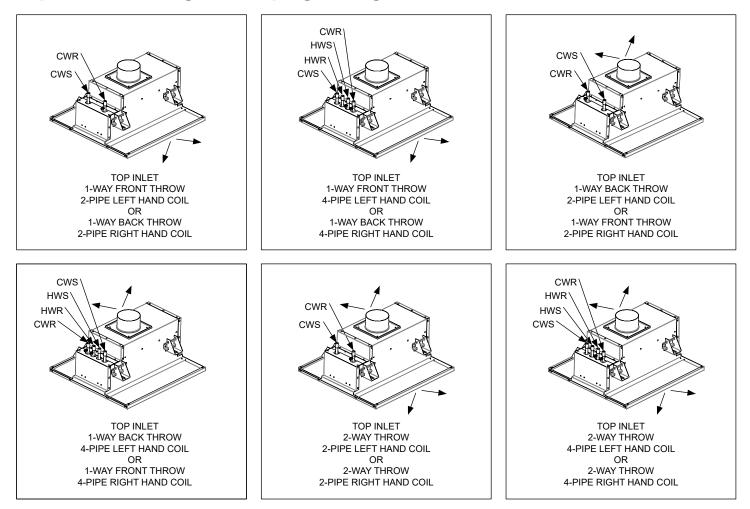
#### Side Inlet, Discharge and Piping Configuration



Note:

For back throw, the pipes CWS, HWS, HWR, and CWR are in opposite order from shown.

#### Top Inlet, Discharge and Piping Configuration



R - RETURN W - WATER S - SUPPLY HWR - HEATING WATER RETURN HWS - HEATING WATER SUPPLY CWR - COOLING WATER RETURN CWS - COOLING WATER SUPPLY \*HOT WATER CONNECTIONS ON 4-PIPE COIL ONLY