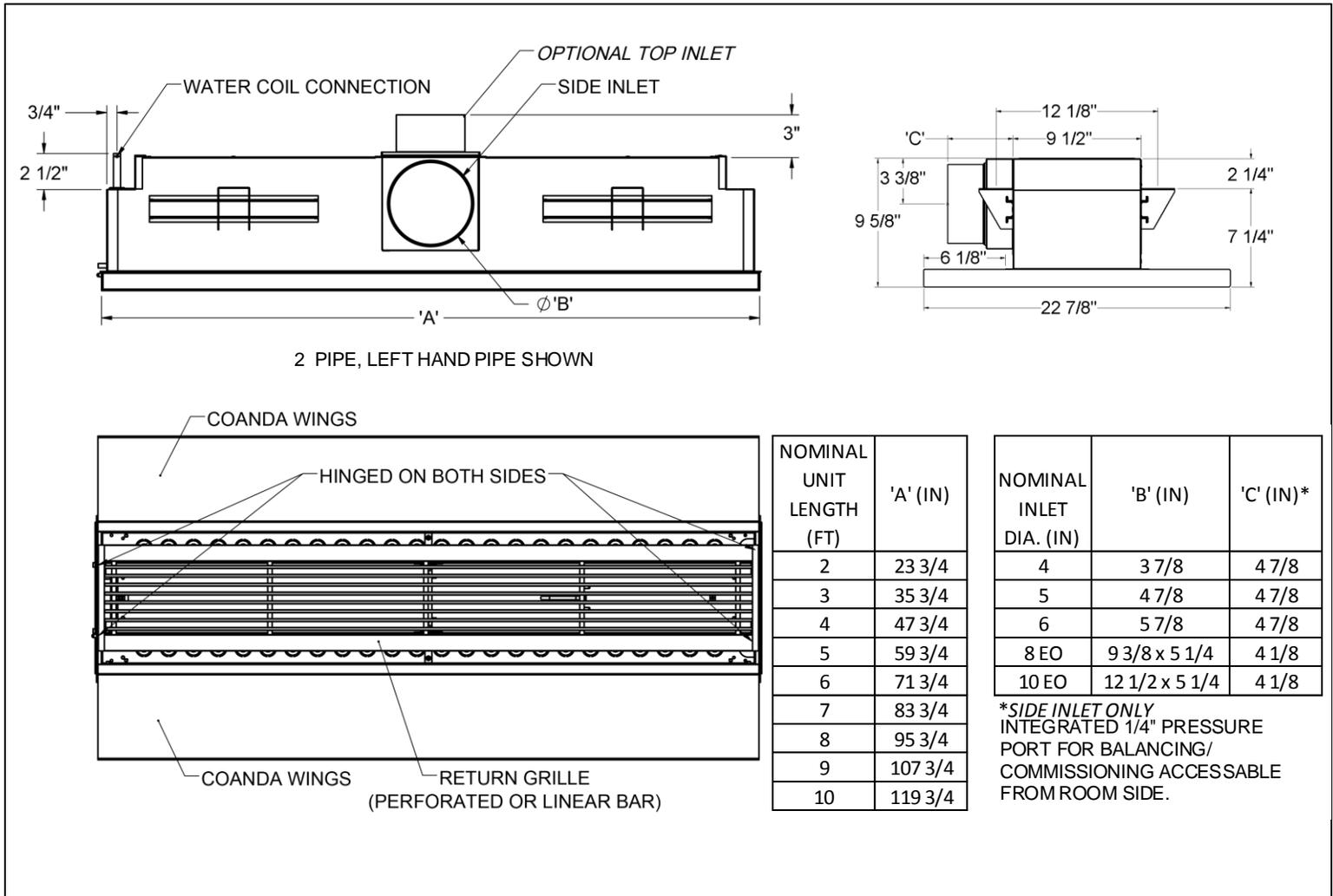


CBLE 12 • Linear Exposed Chilled Beam • 1-Way & 2-Way Discharge • Vertical Coil


General Description

- 12 inch wide, linear active chilled beam diffuser, available with 1-way or 2-way air distribution.
- Designed for use in applications with exposed ceilings. Integral coanda wings ensure horizontal throw.
- 2 to 10 feet chilled beam length in 1 feet increment.
- 2 pipe or 4 pipe coil configurations.
- Casing manufactured with galvanealed, 20 gauge sheet metal. Mechanically sealed, leak resistant construction.
- Coil with air vent and 1/2" water connection, available with sweat or threaded connection.
- Rails with adjustable mounting brackets are provided, quantity varies per unit length.
- 4, 5, 6 inch round or 8 and 10 inch equivalent 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.
- Visible internal components, return grille, coanda wings, plenum and inlet assemblies are finished in customer selected standard color. 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.

Basic Unit Configuration

Beam Width
(nominal - in)

 12

Unit Length (nominal - ft)

 2 3 4

 7 5 6

 8 9 10

Throw Pattern

 F – Same Side as Inlet

 B – Opposite Side of Inlet

 2 - Way

Nozzle Configuration

 A1 A2 A3

Primary Air Inlet
Diameter Connection
(inch)

 4 5 6

 8EO 10EO

Primary Air Inlet
Orientation

 Side Top

Face Pattern

 Circular Perforation

 Linear Bar Grill

Coil Type - Water
Side Connection

 2 Pipe - Left Hand

 2 Pipe - Right Hand

 4 Pipe - Left Hand

 4 Pipe - Right Hand

Coil Connection -Type

 ½ in Sweat

 ½ in MNPT

Flexible Connections

 12" Stainless Steel Flex Hose Connection

 18" Stainless Steel Flex Hose Connection

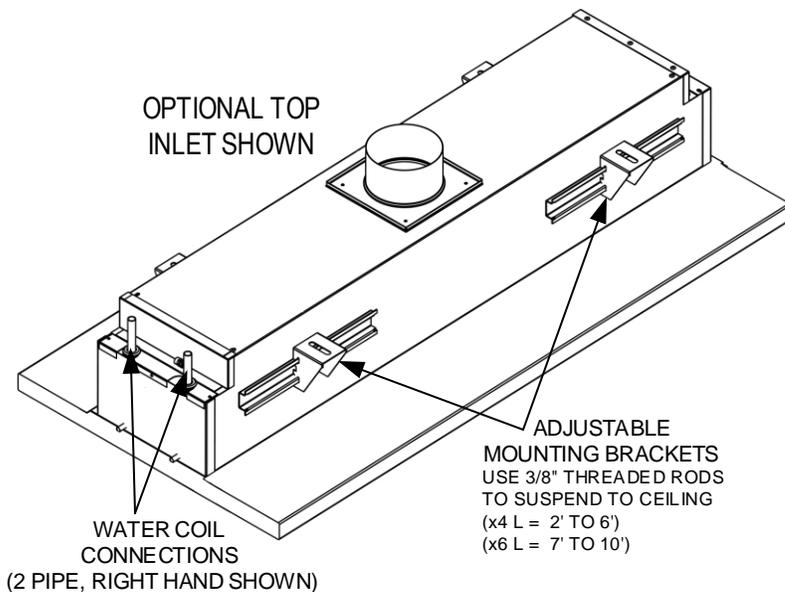
 24" Stainless Steel Flex Hose Connection

Exposed Face Finish
Color

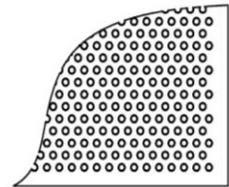
 White #26

 Black #84

Unit Option Details



LB – LINEAR BAR GRILLE



CB – CIRCULAR PERFORATION

NOTE:

HAND OF UNIT IS DETERMINED BY FACING THE HORIZONTAL AIR INLET CONNECTION AND BY THE LOCATION OF THE COOLING WATER SUPPLY CONNECTION

Inlet, Discharge and Piping Configuration

