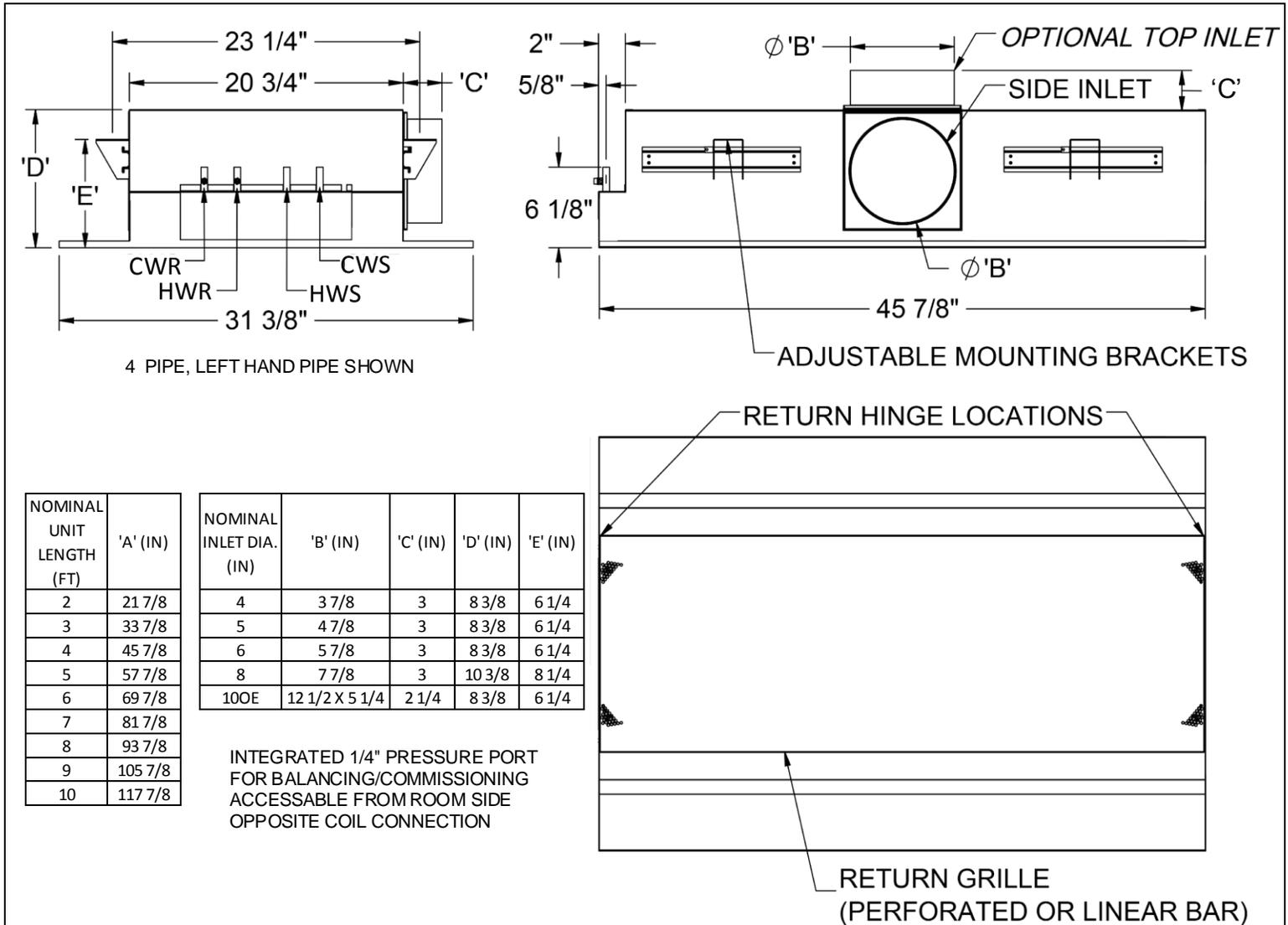


**CBLE • Linear Exposed Mounted Chilled Beam • 1-Way & 2-Way Discharge • Horizontal Coil**


## General Description

- 24 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 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 or 8 inch round 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.

## Basic Unit Configuration

<b>Beam Width (nominal- in)</b> <input type="checkbox"/> 24	<b>Unit Length (nominal - ft)</b> <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 7 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 8 <input type="checkbox"/> 9 <input type="checkbox"/> 10	<b>Throw Pattern</b> <input type="checkbox"/> F – Same Side as Inlet <input type="checkbox"/> B – Opposite Side of Inlet <input type="checkbox"/> 2 - Way	<b>Nozzle Configuration</b> <input type="checkbox"/> B1 <input type="checkbox"/> B2 <input type="checkbox"/> B3 <input type="checkbox"/> B4
<b>Primary Air Inlet Diameter Connection (inch)</b> <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 8 <input type="checkbox"/> 10* <small>*Note: 10" is equivalent oval</small>	<b>Primary Air Inlet Orientation</b> <input type="checkbox"/> Side <input type="checkbox"/> Top	<b>Face Pattern</b> <input type="checkbox"/> Circular Perforation <input type="checkbox"/> Linear Bar Grille	
<b>Coil Type - Water Side Connection</b> <input type="checkbox"/> 2 Pipe - Left Hand <input type="checkbox"/> 2 Pipe - Right Hand <input type="checkbox"/> 4 Pipe - Left Hand <input type="checkbox"/> 4 Pipe - Right Hand	<b>Coil Connection -Type</b> <input type="checkbox"/> ½ in Sweat <input type="checkbox"/> ½ in MNPT <b>Flexible Connections</b> <input type="checkbox"/> 12" Stainless Steel Flex Hose Connection <input type="checkbox"/> 18" Stainless Steel Flex Hose Connection <input type="checkbox"/> 24" Stainless Steel Flex Hose Connection	<b>Exposed Face Finish Color</b> <input type="checkbox"/> White #26 <input type="checkbox"/> Black #84	

## Unit Option Details

OPTIONAL TOP INLET

ADJUSTABLE MOUNTING BRACKETS  
 USE 3/8" THREADED RODS TO SUSPEND TO CEILING  
 (x4 L = 2' TO 6')  
 (x6 L = 7' TO 10')

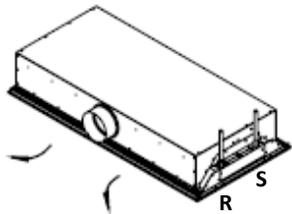
WATER COIL CONNECTIONS  
 (4 PIPE, RIGHT HAND SHOWN)

LB – LINEAR BAR GRILLE

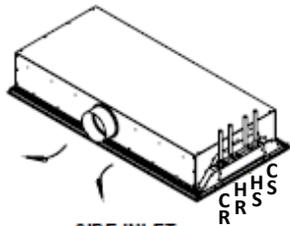
CB – CIRCULAR PERFORATION

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

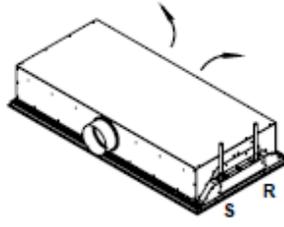
## Inlet, Discharge and Piping Configuration



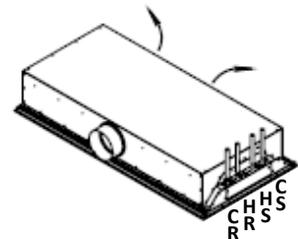
SIDE INLET  
1 WAY 2 PIPE  
RIGHT HAND  
AIR FLOW FRONT



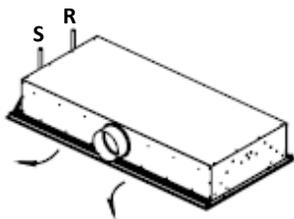
SIDE INLET  
1 WAY 4 PIPE  
RIGHT HAND  
AIR FLOW FRONT



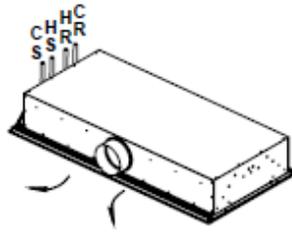
SIDE INLET  
1 WAY 2 PIPE  
RIGHT HAND  
AIR FLOW BACK



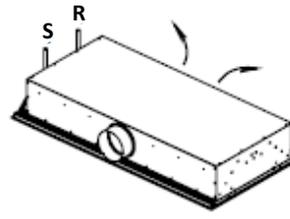
SIDE INLET  
1 WAY 4 PIPE  
RIGHT HAND  
AIR FLOW BACK



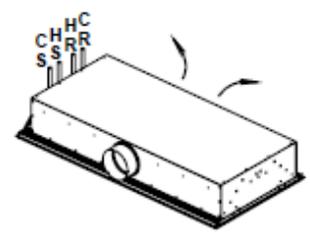
SIDE INLET  
1 WAY 2 PIPE  
LEFT HAND  
AIR FLOW FRONT



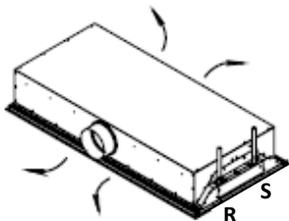
SIDE INLET  
1 WAY 4 PIPE  
LEFT HAND  
AIR FLOW FRONT



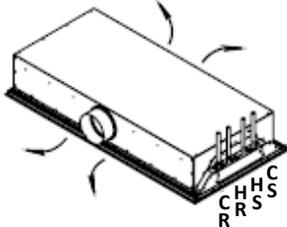
SIDE INLET  
1 WAY 2 PIPE  
LEFT HAND  
AIR FLOW BACK



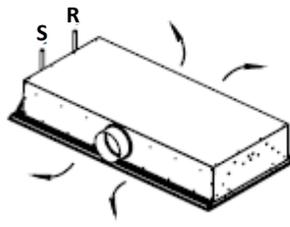
SIDE INLET  
1 WAY 4 PIPE  
LEFT HAND  
AIR FLOW BACK



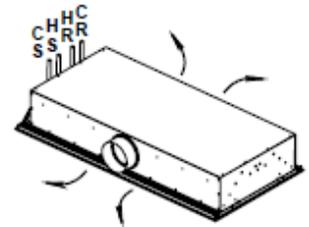
SIDE INLET  
2 WAY 2 PIPE  
RIGHT HAND



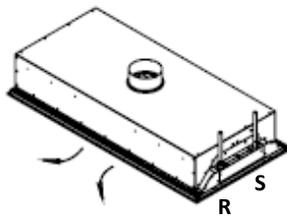
SIDE INLET  
2 WAY 4 PIPE  
RIGHT HAND



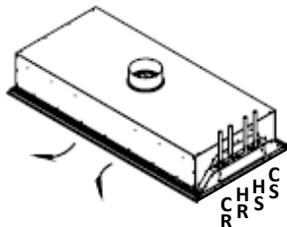
SIDE INLET  
2 WAY 2 PIPE  
LEFT HAND



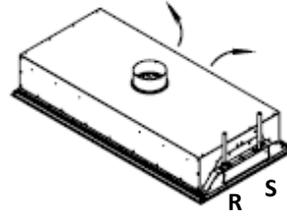
SIDE INLET  
2 WAY 4 PIPE  
LEFT HAND



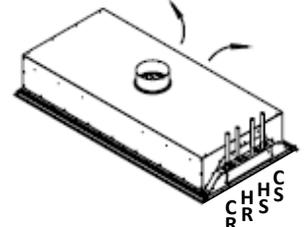
TOP INLET  
1 WAY 2 PIPE  
RIGHT HAND  
AIR FLOW FRONT



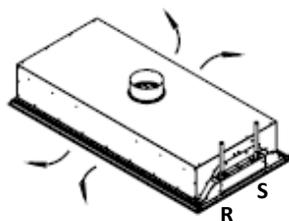
TOP INLET  
1 WAY 4 PIPE  
RIGHT HAND  
AIR FLOW FRONT



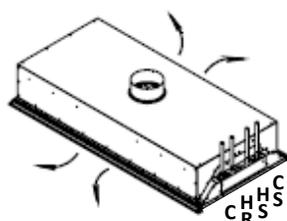
TOP INLET  
1 WAY 2 PIPE  
RIGHT HAND  
AIR FLOW BACK



TOP INLET  
1 WAY 4 PIPE  
RIGHT HAND  
AIR FLOW BACK



TOP INLET  
2 WAY 2 PIPE  
RIGHT HAND



TOP INLET  
2 WAY 4 PIPE  
RIGHT HAND

R - Return S - Supply;

HR - Heating Return HS - Heating Supply;

CR - Cooling Return CS - Cooling Supply