

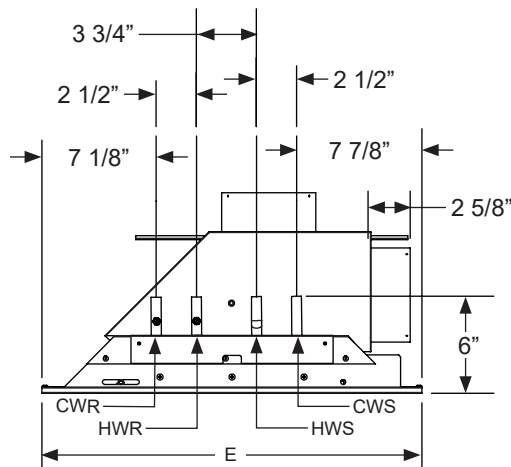
## CBAL2

• Active Linear Ceiling Mounted Chilled Beam

• 1-Way &amp; 2-Way Discharge

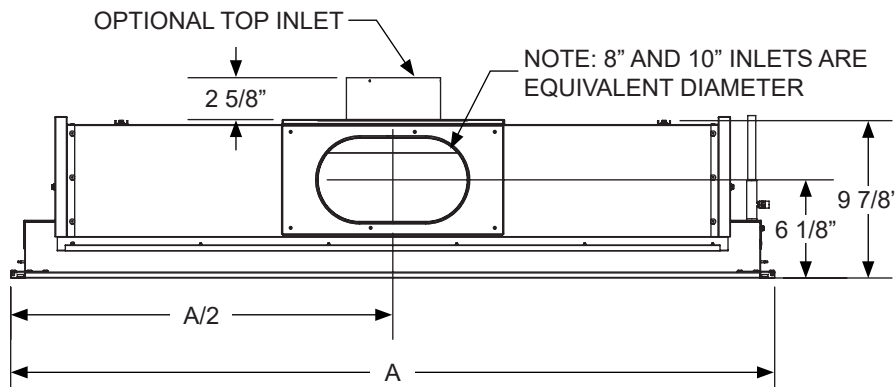
• Horizontal Coil

### Side Inlet Dimensional Details



NOMINAL LENGTH	BORDER TYPE	
	LAY-IN	NT
	A (in)	A (in)
2 FT	23 3/4	23 3/8
3 FT	35 3/4	35 3/8
4 FT	47 3/4	47 3/8
5 FT	59 3/4	59 3/8
6 FT	71 3/4	71 3/8
7 FT	83 3/4	83 3/8
8 FT	95 3/4	95 3/8
9 FT	107 3/4	107 3/8
10 FT	119 3/4	119 3/8

NOMINAL WIDTH	E (in)
LAY-IN	23 3/4
NT	23 3/8



Note:  
4' multi-inlet configuration shown.

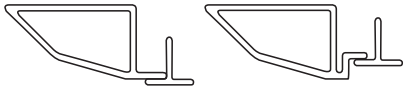
## General Description

- 24 inch wide, linear active chilled beam diffuser, available with 1-way or 2-way air distribution.
- Casing manufactured with galvanealed G90, 24 gauge sheet metal. Mechanically sealed, leak resistant construction.
- Return face panel assembly is hinged, on both sides, allowing

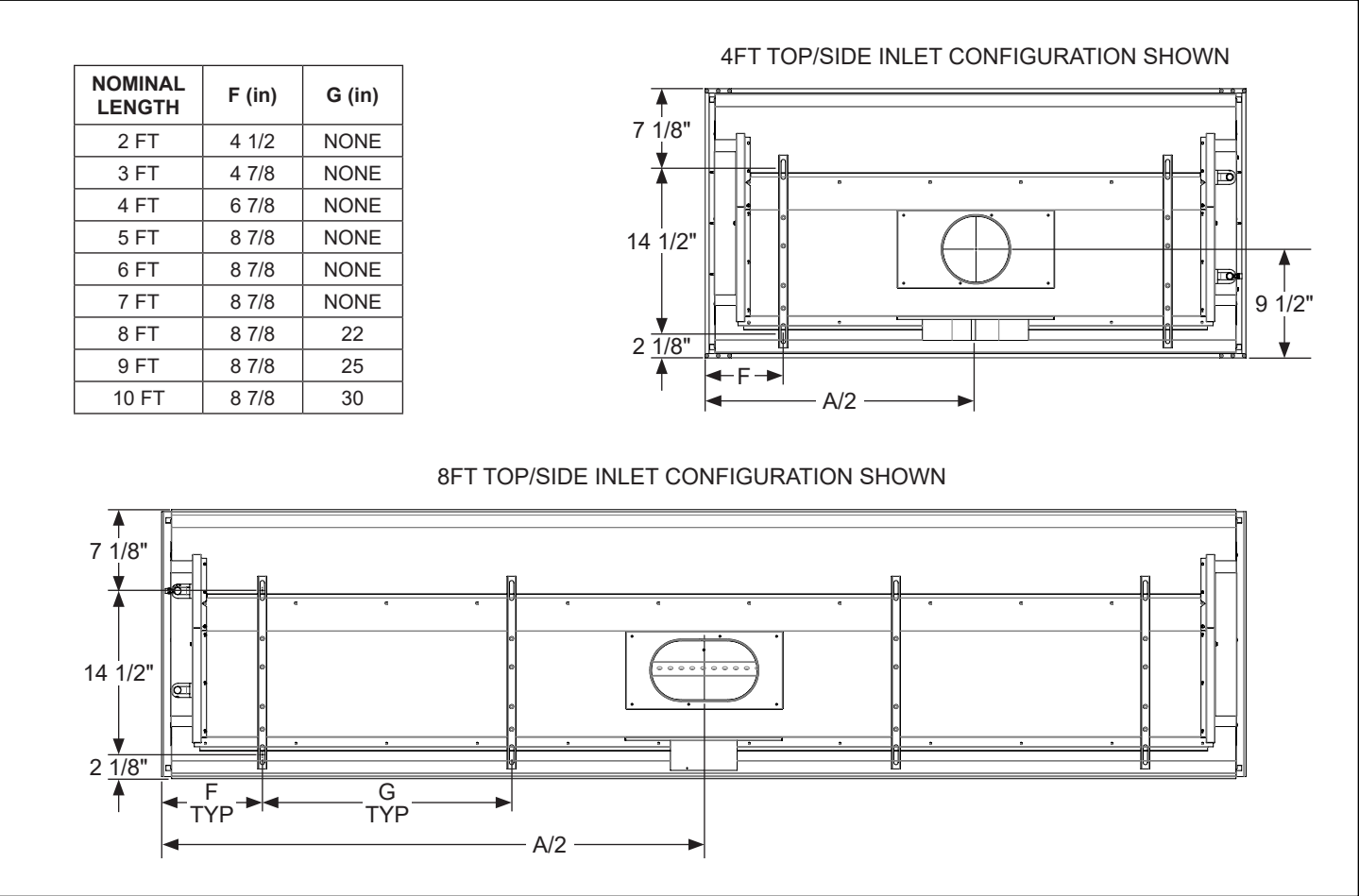
to swing open from either side or to be completely removed and provide easy access to internal components.

- Exterior face, border elements and visible internal components are painted in color of choice. Paint is powder coat, a mix of polyester and epoxy.

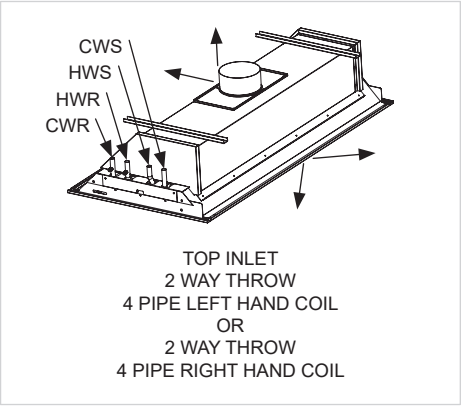
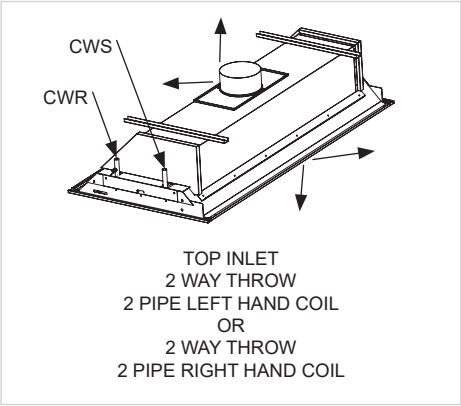
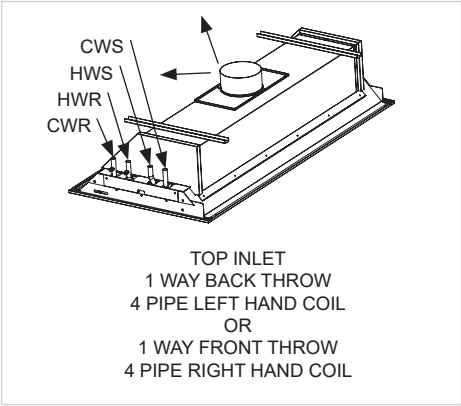
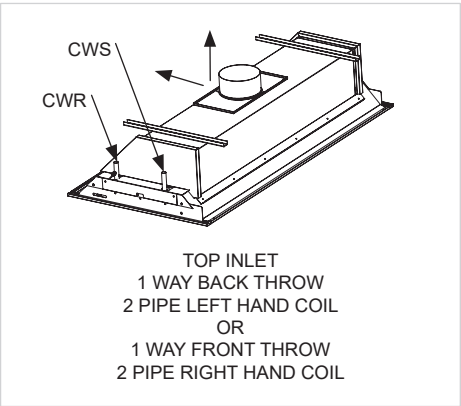
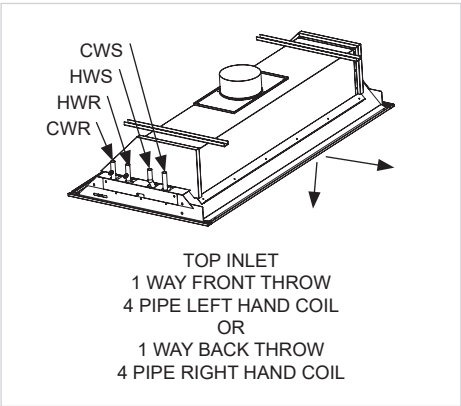
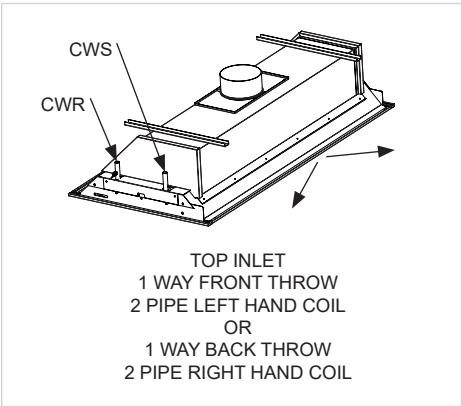
Basic Unit Configuration

<b>Beam Width</b> (nominal- in)	<b>Unit Length</b> (nominal - ft)	<b>Throw Pattern</b>	<b>Nozzle Configuration</b>
<input type="checkbox"/> 24	<input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 <input type="checkbox"/> 8 <input type="checkbox"/> 9 <input type="checkbox"/> 10	<input type="checkbox"/> 1 - Way towards inlet <input type="checkbox"/> 1 - Way away from inlet <input type="checkbox"/> 2 - Way	<input type="checkbox"/> M13 <input type="checkbox"/> M17 <input type="checkbox"/> M20 <input type="checkbox"/> M23 <input type="checkbox"/> M27 <input type="checkbox"/> M31
<b>Primary Air Inlet Diameter</b> Connection (inch)	<b>Primary Air Inlet</b> Orientation	<b>Border Type</b>	
<input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 8* <input type="checkbox"/> 10*	<input type="checkbox"/> Side <input type="checkbox"/> Top <input type="checkbox"/> Multi-Inlet	<input type="checkbox"/> Lay In <input type="checkbox"/> Tegalur 9/16" (NT)	<b>Lay In</b> <b>NT</b>
<small>*Note: 8" and 10" are equivalent oval</small>			
<b>Coil Type - Water</b> Side Connection	<b>Coil Connection -Type</b>	<b>Exposed Face Finish</b> Color	<b>Face Pattern</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	<input type="checkbox"/> 1/2 in Sweat (SWT) <input type="checkbox"/> 1/2 in MNPT* (MPT) <input type="checkbox"/> 3/4 in MNPT* (3PT)	<input type="checkbox"/> White #26 <input type="checkbox"/> Black #84	<input type="checkbox"/> Circular Perforation
			<b>Accessories</b>
			<input type="checkbox"/> Lint Screen <input type="checkbox"/> Insulation
<small>*Note: MNPT required for CBHK hoses. CBHK hoses ordered separately.</small>			

Hangar Bracket Details

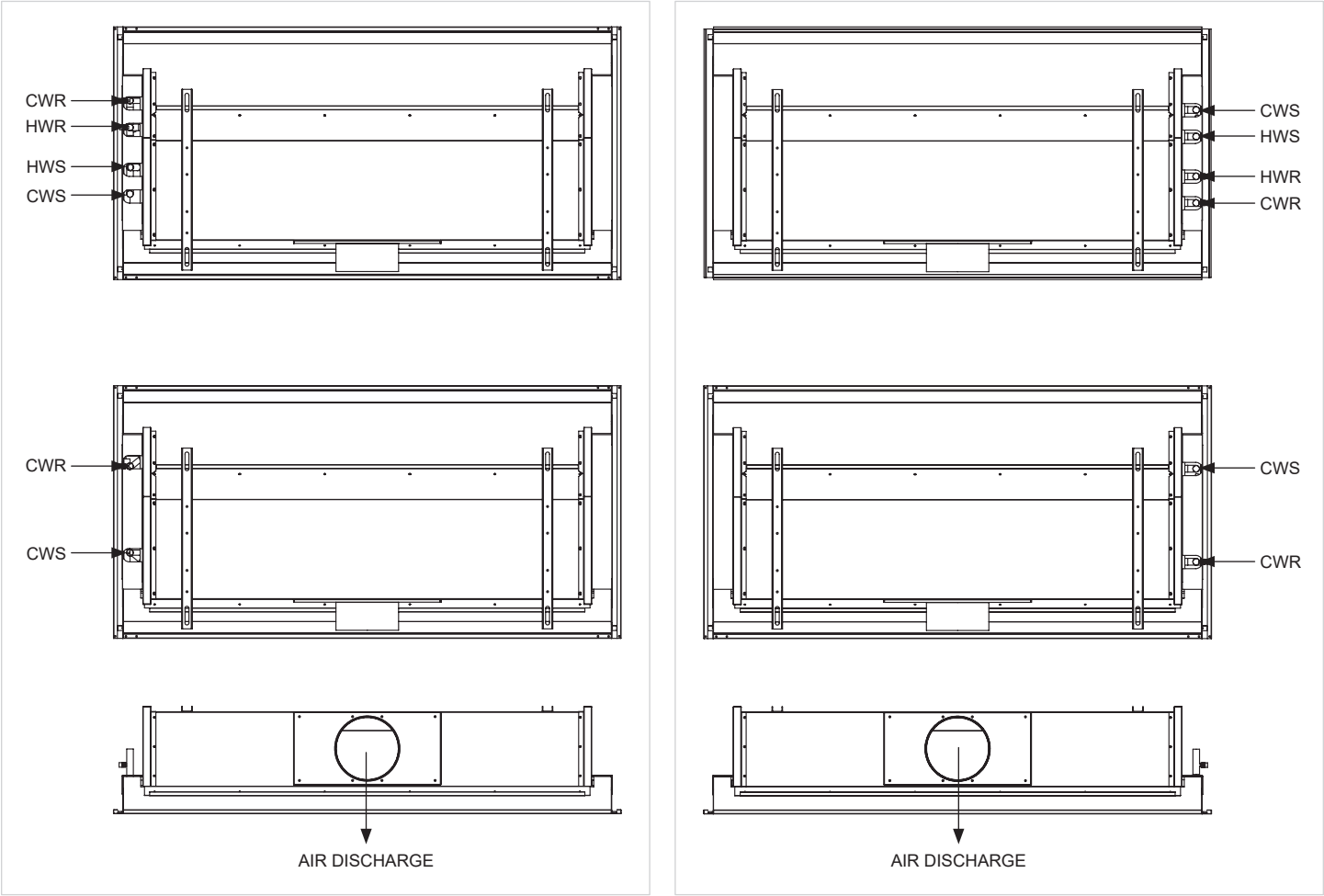


# Top Inlet, Discharge and Piping Configuration



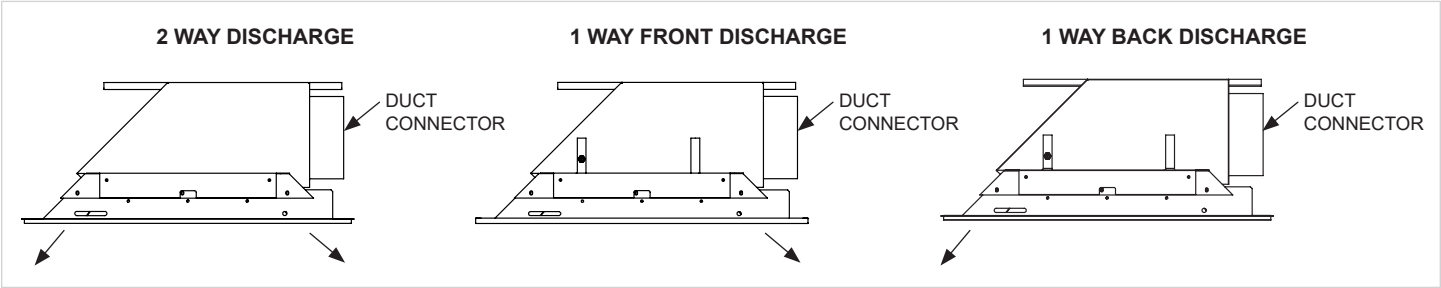
**R - RETURN   W - WATER   S - SUPPLY**  
**HWR - HEATING WATER RETURN   HWS - HEATING WATER SUPPLY**  
**CWR - COOLING WATER RETURN   CWS - COOLING WATER SUPPLY**  
\*HOT WATER CONNECTIONS ON 4-PIPE COIL ONLY

# Side Inlet, Discharge and Piping Configuration



LEFT HAND PIPES

RIGHT HAND PIPES



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