

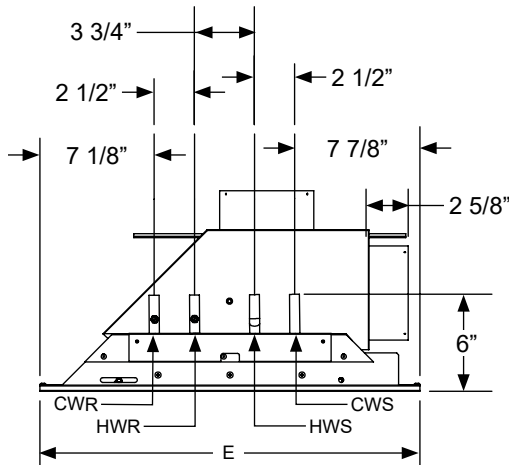
CBAL2

• Active Linear Ceiling Mounted Chilled Beam

• 1-Way & 2-Way Discharge

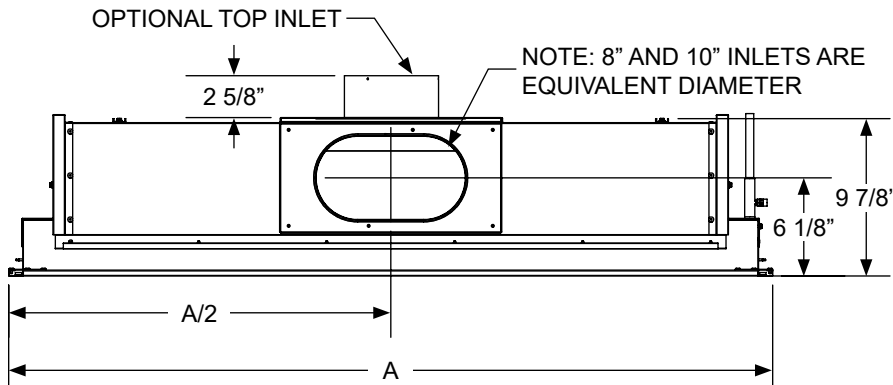
• Horizontal Coil

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

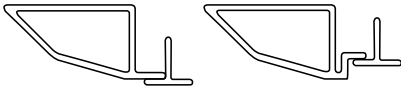


Note:
4' multi-inlet configuration shown.

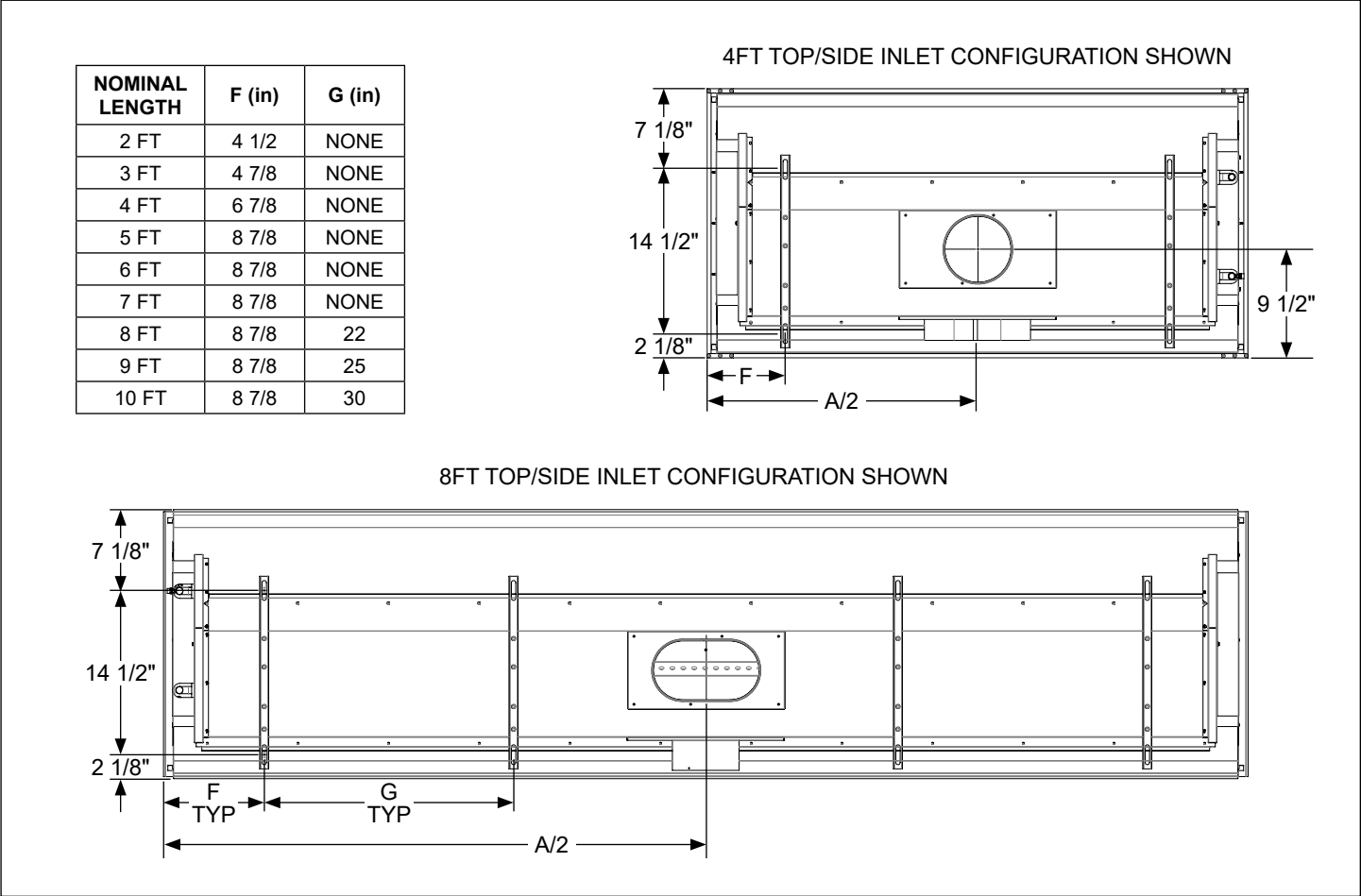
General Description

- 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.
- Coil standard with air vent, coil drain and 1/2" water connection, optional sweat or threaded connection.

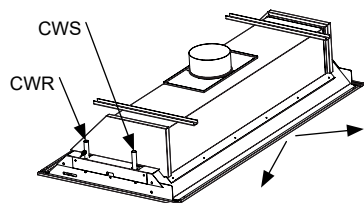
Basic Unit Configuration

Beam Width (nominal- in)	Unit Length (nominal - ft)	Throw Pattern	Nozzle Configuration
<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
Primary Air Inlet Diameter Connection (inch)	Primary Air Inlet Orientation	Border Type	
<input type="checkbox"/> 4 <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"/> Tegular 9/16" (NT)	Lay In NT
<small>*Note: 8" and 10" are equivalent oval</small>			
Coil Type - Water Side Connection	Coil Connection -Type	Exposed Face Finish Color	Face Pattern
<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"/> ½ in Sweat (SWT) <input type="checkbox"/> ½ in MNPT* (MPT) <input type="checkbox"/> ¾ in MNPT* (3PT)	<input type="checkbox"/> White #26 <input type="checkbox"/> Black #84	<input type="checkbox"/> Circular Perforation
			Accessories
			<input type="checkbox"/> Lint Screen <input type="checkbox"/> Insulation
<small>*Note: MNPT required for CBHK hoses. CBHK hoses ordered separately.</small>			

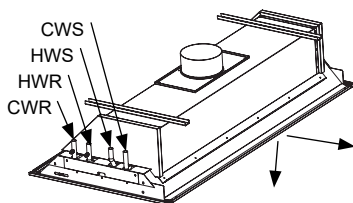
Hangar Bracket Details



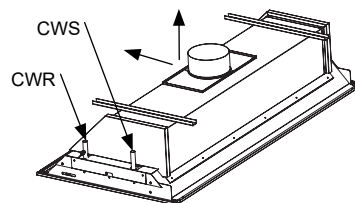
Top Inlet, Discharge and Piping Configuration



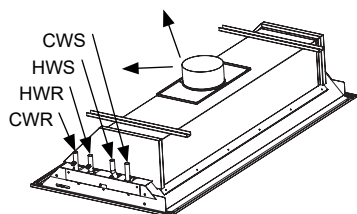
TOP INLET
1 WAY FRONT THROW
2 PIPE LEFT HAND COIL
OR
1 WAY BACK THROW
2 PIPE RIGHT HAND COIL



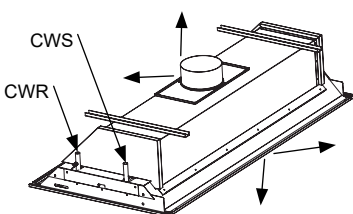
TOP INLET
1 WAY FRONT THROW
4 PIPE LEFT HAND COIL
OR
1 WAY BACK THROW
4 PIPE RIGHT HAND COIL



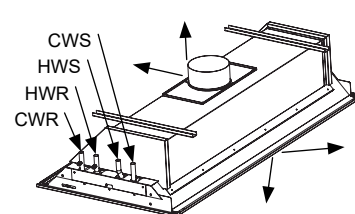
TOP INLET
1 WAY BACK THROW
2 PIPE LEFT HAND COIL
OR
1 WAY FRONT THROW
2 PIPE RIGHT HAND COIL



TOP INLET
1 WAY BACK THROW
4 PIPE LEFT HAND COIL
OR
1 WAY FRONT THROW
4 PIPE RIGHT HAND COIL



TOP INLET
2 WAY THROW
2 PIPE LEFT HAND COIL
OR
2 WAY THROW
2 PIPE RIGHT HAND COIL



TOP INLET
2 WAY THROW
4 PIPE LEFT HAND COIL
OR
2 WAY THROW
4 PIPE RIGHT HAND COIL

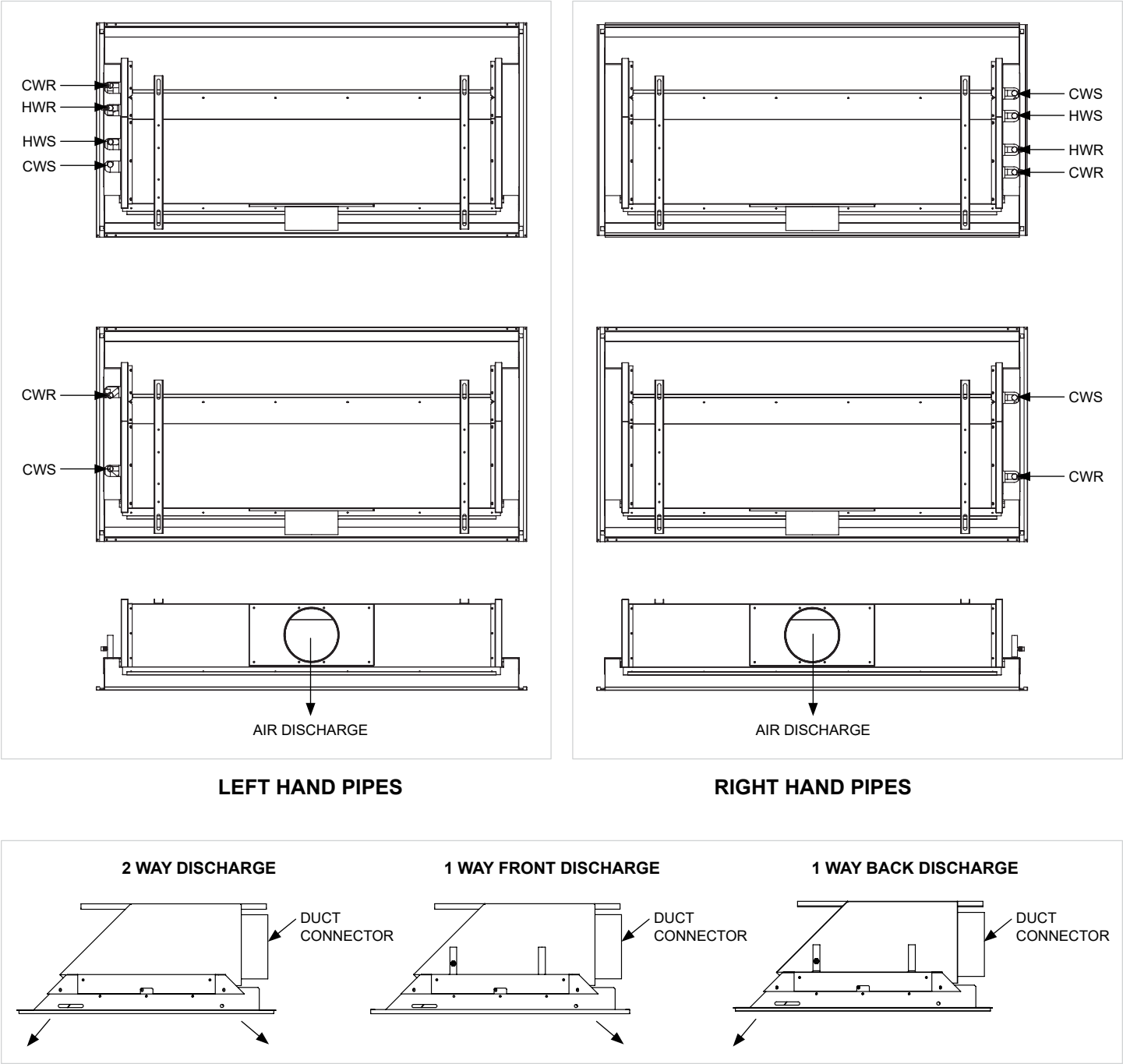
R - RETURN W - WATER S - SUPPLY

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



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