CBAM • Active Modular Chilled Beam • 4-Way Discharge • Horizontal Coil
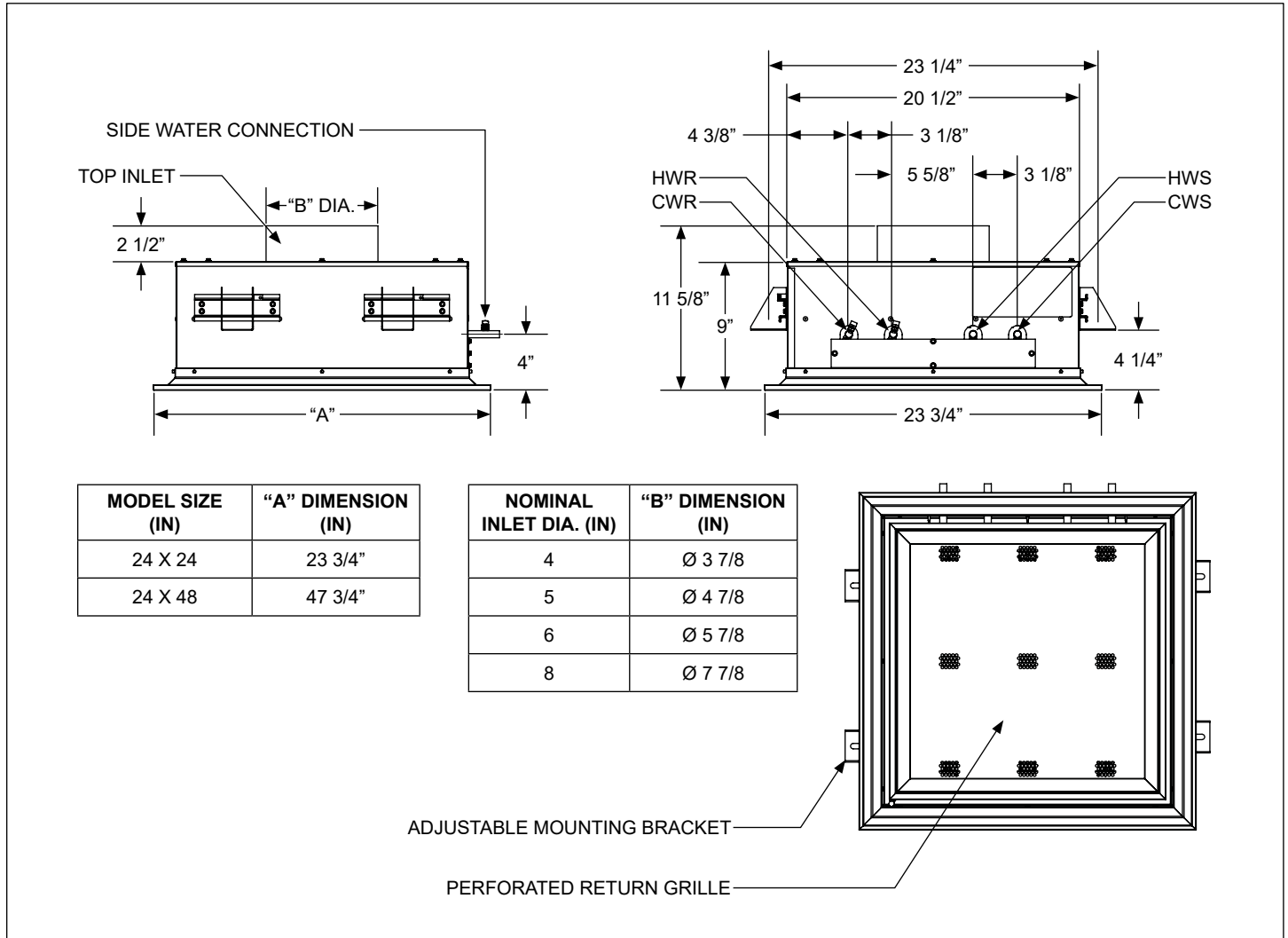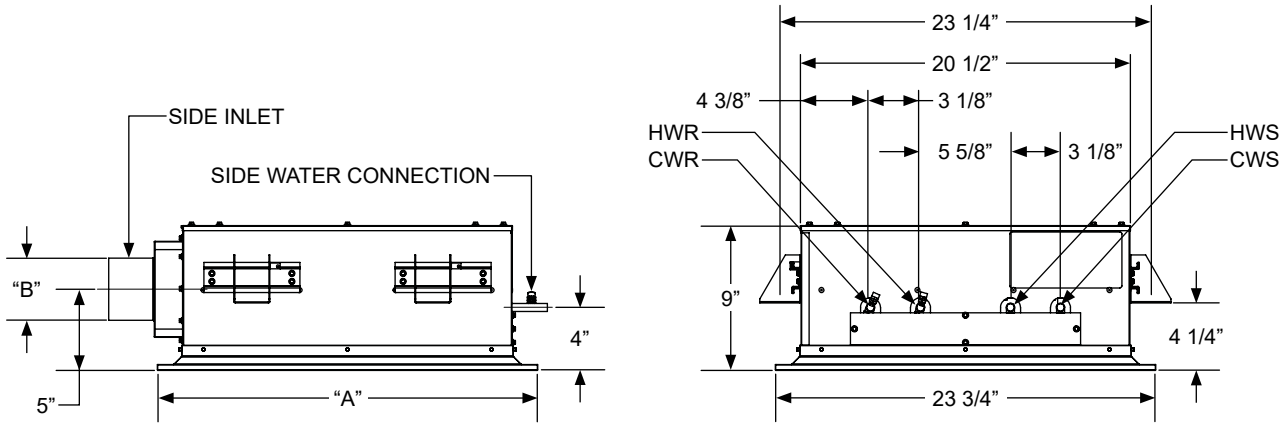
Top Inlet Configurations
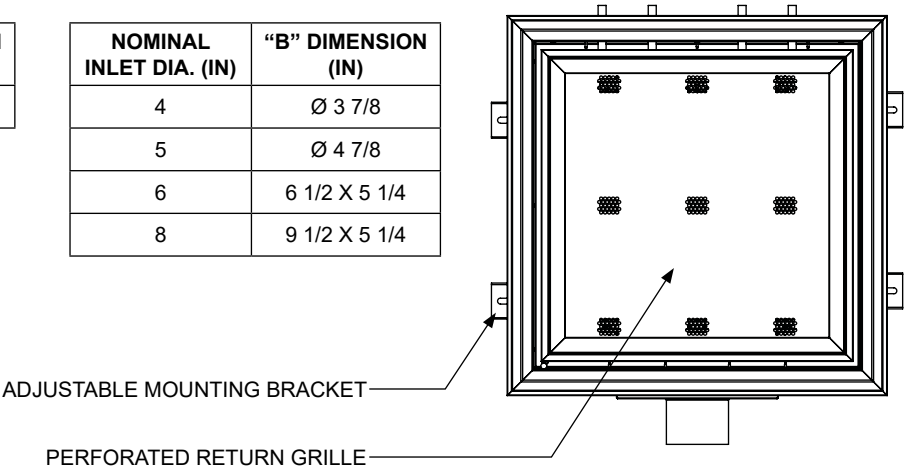

MODEL SIZE (IN)	"A" DIMENSION (IN)
24 X 24	23 3/4"
24 X 48	47 3/4"

NOMINAL INLET DIA. (IN)	"B" DIMENSION (IN)
4	Ø 3 7/8
5	Ø 4 7/8
6	Ø 5 7/8
8	Ø 7 7/8

24" x 24" Side Inlet Configurations

SIDE INLET

SIDE WATER CONNECTION

"B"

5"

4"

"A"

23 1/4"
20 1/2"
4 3/8"   3 1/8"
HWR
CWR   5 5/8"   3 1/8"   HWS
CWS

9"

4 1/4"

23 3/4"

MODEL SIZE (IN)	"A" DIMENSION (IN)
24 X 24	23 3/4"

NOMINAL INLET DIA. (IN)	"B" DIMENSION (IN)
4	Ø 3 7/8
5	Ø 4 7/8
6	6 1/2 X 5 1/4
8	9 1/2 X 5 1/4

ADJUSTABLE MOUNTING BRACKET

PERFORATED RETURN GRILLE

48" x 24" Side Inlet Configurations

23 1/4"
20 1/2"
4 3/8"
3 1/8"
5 5/8"
3 1/8"

HWR
CWR
HWS
CWS

SIDE WATER CONNECTION

SIDE INLET

9"
4 1/4"
"B"
23 3/4"
5"

4"
"A"
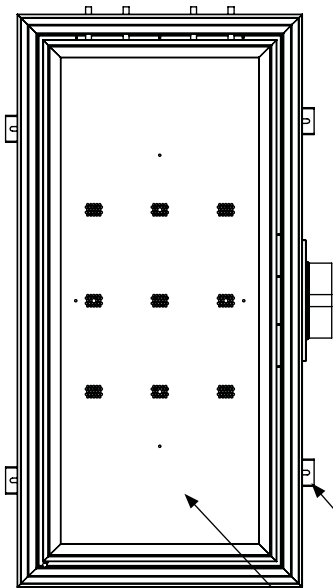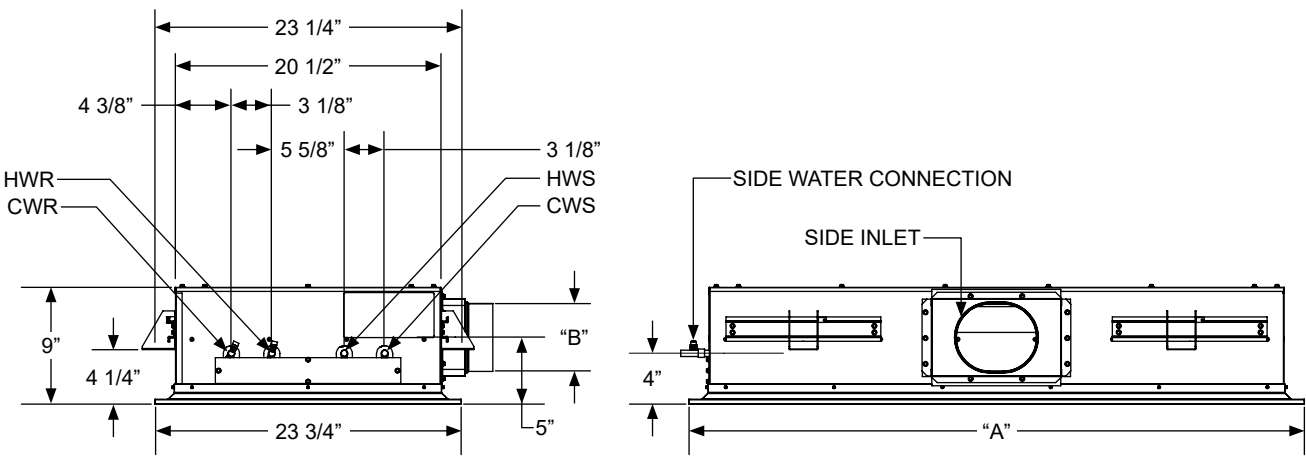
NOMINAL INLET DIA. (IN)	"B" DIMENSION (IN)
4	Ø 3 7/8
5	Ø 4 7/8
6	6 1/2 X 5 1/4
8	9 1/2 X 5 1/4

MODEL SIZE (IN)	"A" DIMENSION (IN)
24 X 48	47 3/4"

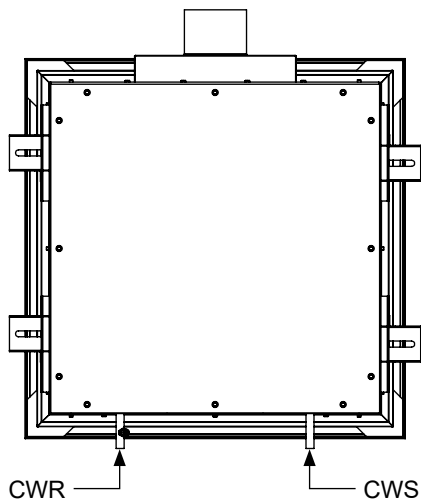ADJUSTABLE MOUNTING BRACKET

PERFORATED RETURN GRILLE

General Description

- 24 inch wide, linear active chilled beam diffuser, available with 4-way air distribution.
- Designed to fit into standard 24 inch ceiling grids, available with different borders.
- 2 feet and 4 feet lengths.
- 2 pipe or 4 pipe coil configurations.
- Casing manufactured with extruded aluminum and 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 in 4 locations for mounting.
- Return face panel assembly is secured with "hidden" ¼ - turn allowing for removal and providing easy access to internal components.
- Return face panel assembly available with round perforation.
- Exterior face, border elements and visible internal components are painted in color of choice. Paint is powder coat, a mix of polyester and epoxy.
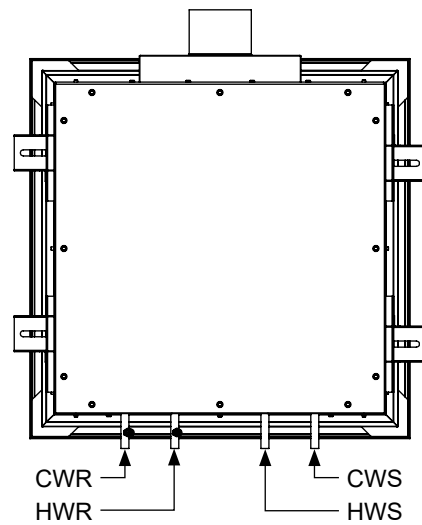
Basic Unit Configuration

Module Size & Inlet Location

- ☐ 24" x 24" Top Inlet
- ☐ 24" x 24" Side Inlet
- ☐ 48" x 24" Top Inlet
- ☐ 48" x 24" Right Hand Side Inlet
- ☐ 48" x 24" Left Hand Side Inlet

Nozzle Configuration

- ☐ M13   ☐ M17
- ☐ M23   ☐ M31

Primary Air Inlet Diameter Connection (inch)

- ☐ 4[1]   ☐ 5   ☐ 6[2]   ☐ 8[3]

Note:
1) 4 inch inlet only available on side inlet configurations
2) 6 inch inlet is equivalent oval on side inlet configurations
3) 8 inch inlet only available on top inlet configurations

Coil Type - Water Side Connection

- ☐ 2 Pipe   ☐ 4 Pipe

Coil Connection -Type

- ☐ ½ in Sweat (SWT)
- ☐ ½ in MNPT (MPT)
- ☐ ¾ in MNPT (3PT)

Note:
1) MNPT required for CBHK hoses
2) CBHK hoses ordered separately

Face Pattern

- ☐ Circular Perforation

Border Type

- ☐ Lay In
- ☐ Tegular 9/16" (NT)

Exposed Face Finish Color

- ☐ White #26
- ☐ Black #84

Accessories

- ☐ Lint Screen   ☐ Insulation
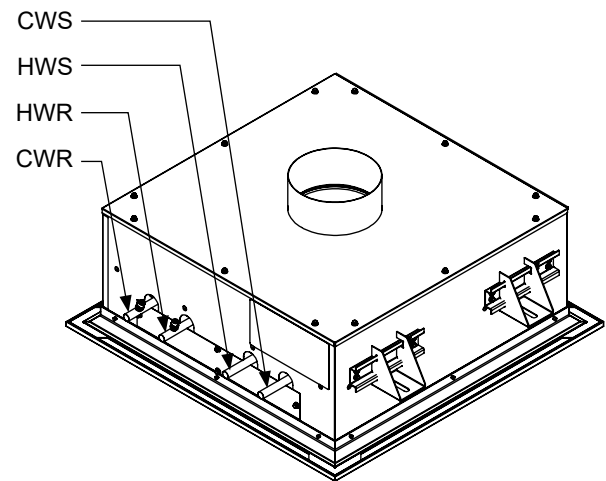
Top Inlet Configuration Coil Connection Details

CWR ——   —— CWS

24A 2 - PIPE SIDE INLET

CWR ——   —— CWS
HWR ——   —— HWS

24A 4 - PIPE SIDE INLET

CWS
CWR
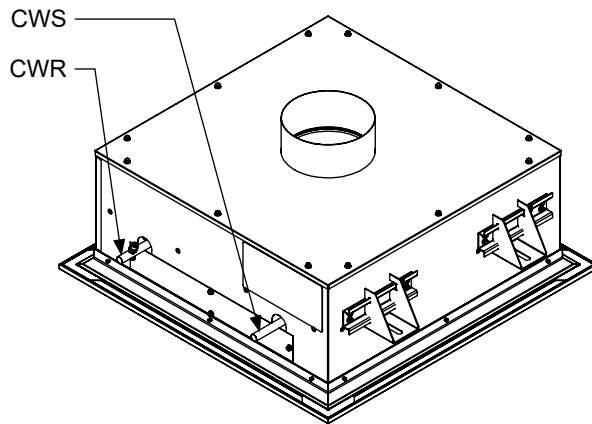
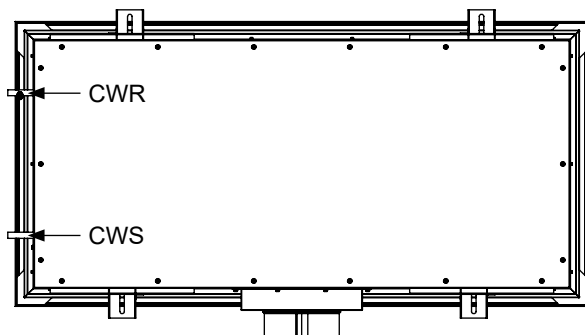24T 2 - PIPE TOP INLET

CWS
HWS
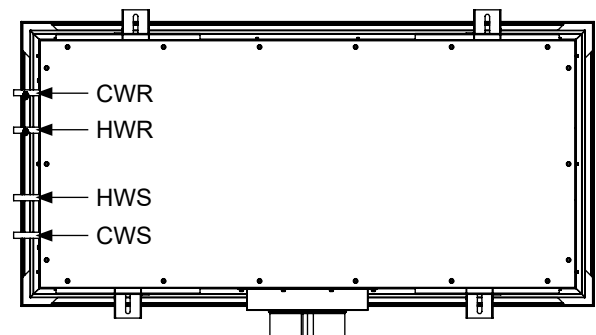HWR
CWR

24T 4 - PIPE TOP INLET

R - RETURN   **W** - WATER   **S** - SUPPLY

HWR - HEATING WATER RETURN   **HWS** - HEATING WATER SUPPLY

CWR - COOLING WATER RETURN   **CWS** - COOLING WATER SUPPLY
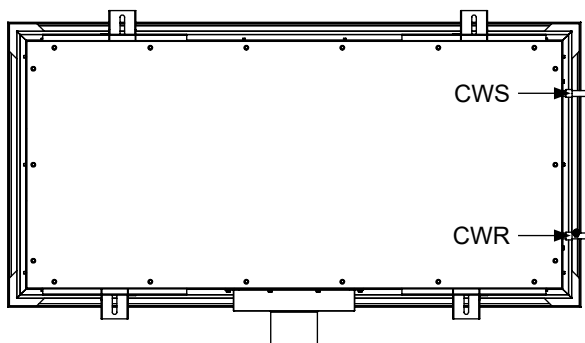
Side Inlet Configuration Coil Connection & Handing
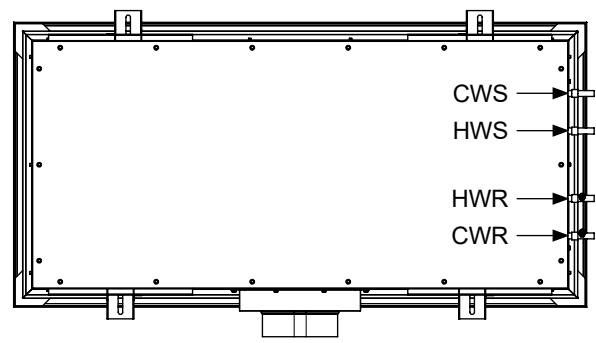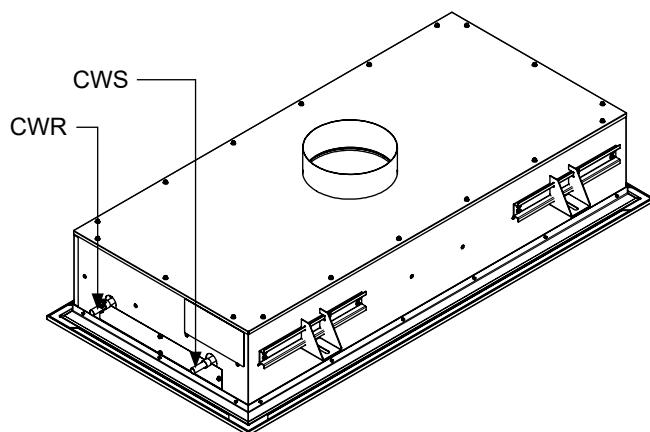
48L 2-PIPE SIDE INLET,
LEFT HAND

48L 4-PIPE SIDE INLET,
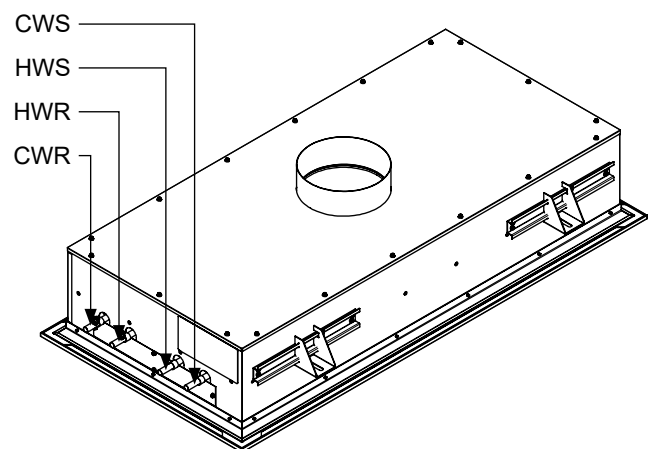LEFT HAND

48R 2-PIPE SIDE INLET,
RIGHT HAND

48R 4-PIPE SIDE INLET,
RIGHT HAND

48T 2-PIPE TOP INLET

48T 4-PIPE TOP INLET

R - RETURN   **W** - WATER   **S** - SUPPLY

HWR - HEATING WATER RETURN   **HWS** - HEATING WATER SUPPLY

CWR - COOLING WATER RETURN   **CWS** - COOLING WATER SUPPLY