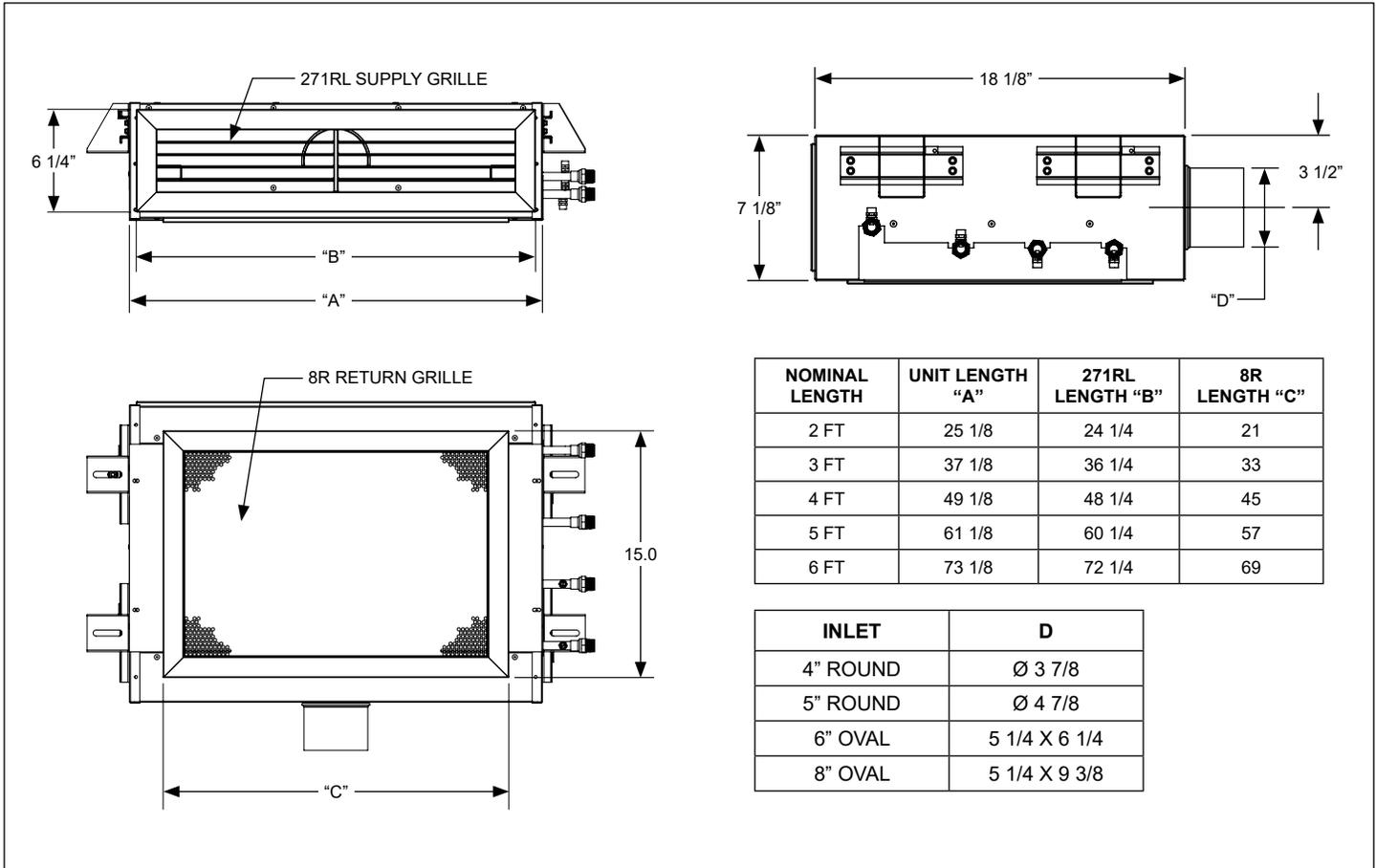


CBAB • Concealed Bulkhead Mounted Active Chilled Beam



General Description

- Concealed bulkhead/corner mounted active chilled beam diffuser, available with 1-way air distribution.
- Designed with a shallow profile for low height construction and retrofit projects.
- 2 to 6 foot chilled beam lengths in 1 foot increments.
- 2 pipe or 4 pipe coil configurations.
- Casing manufactured with galvanized 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.
- 4 rails and adjustable mounting brackets are provided on each rail.
- 4 or 5 inch round, or 6 or 8 inch oval inlet connections, located on the rear of unit.
- Return face panel assembly is removable providing easy access to internal components.
- Optional grilles come standard white with no screw holes, nominal length depends on beam length.
- Standard optional supply grille is Titus model 271RL, 4.5" nominal width.
- Standard optional return grille is Titus model 8R, 13.25" nominal width.

Basic Unit Configuration

Check if provided.

Unit Length (nominal - ft)

- 2 3 4
 5 6

Nozzle Configuration

- M13 M17
 M23 M31

Supply Grille Type

- None
 Louvered Grille (271RL)

Note: See 271 submittal for grille details

Primary Air Inlet Diameter Connection (inch)

- 4 5 6
 8

Coil Type - Water Side Connection

- 2 Pipe - Left Hand
 2 Pipe - Right Hand
 4 Pipe - Left Hand
 4 Pipe - Right Hand

Coil Connection - Type

- 1/2" Sweat (SWT)
 1/2" MNPT* (MPT)
 3/4" MNPT* (3PT)

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

Return Grille Type

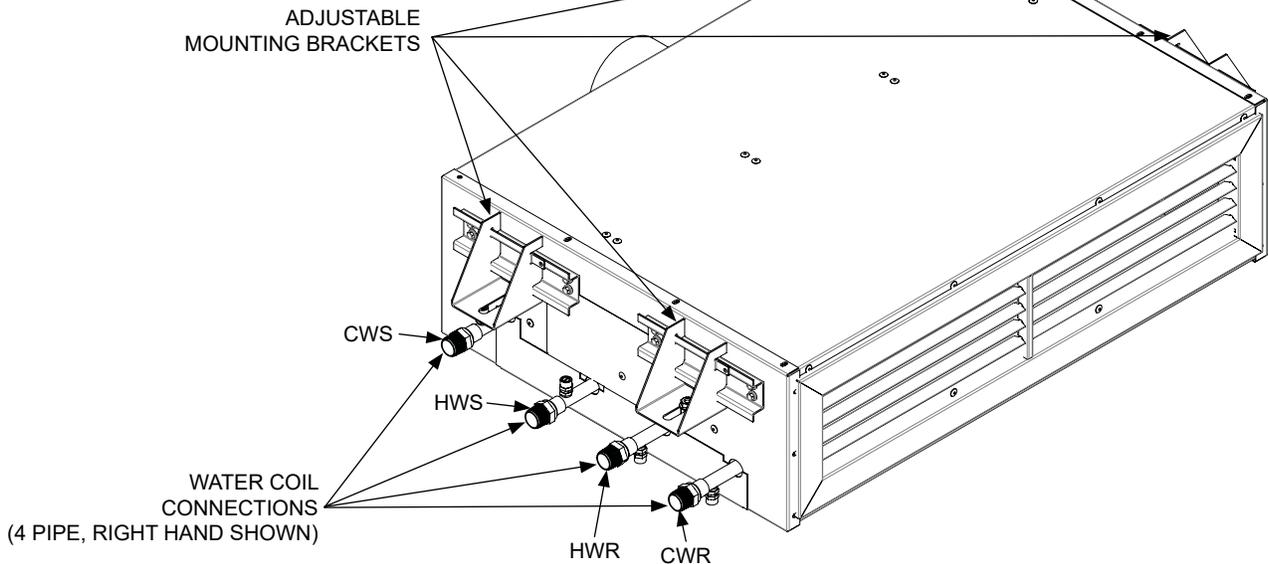
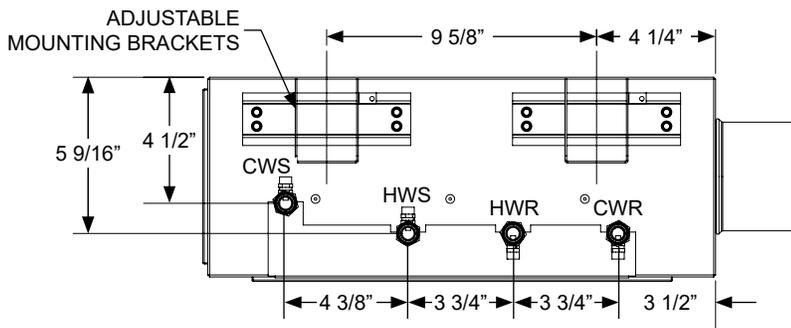
- None
 Perforated Grille (8R)

Note: See 8R submittal for grille details

Unit Options

- 1/2 in EcoShield External Plenum Insulation

Unit Option Details

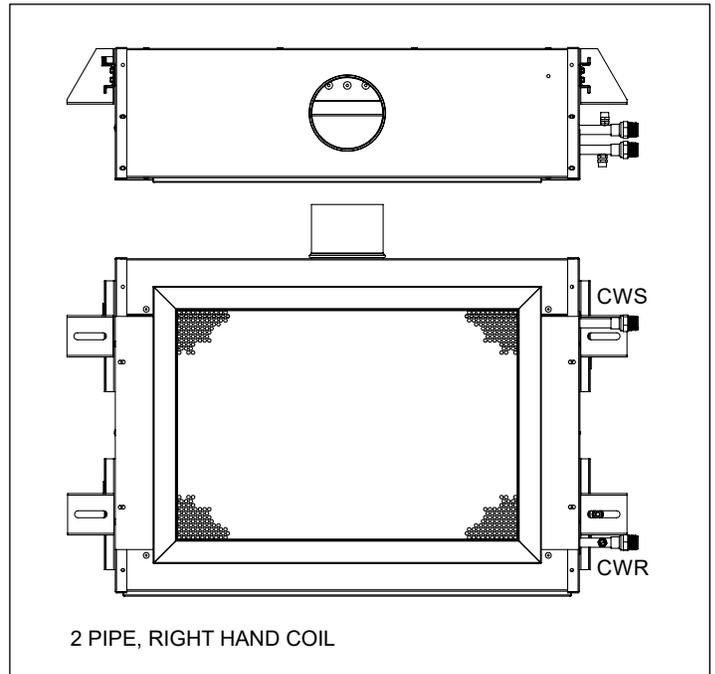
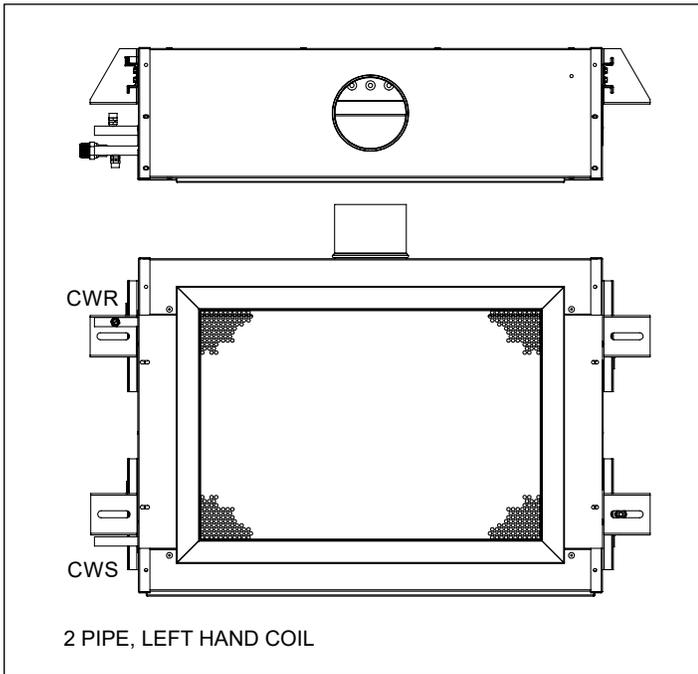
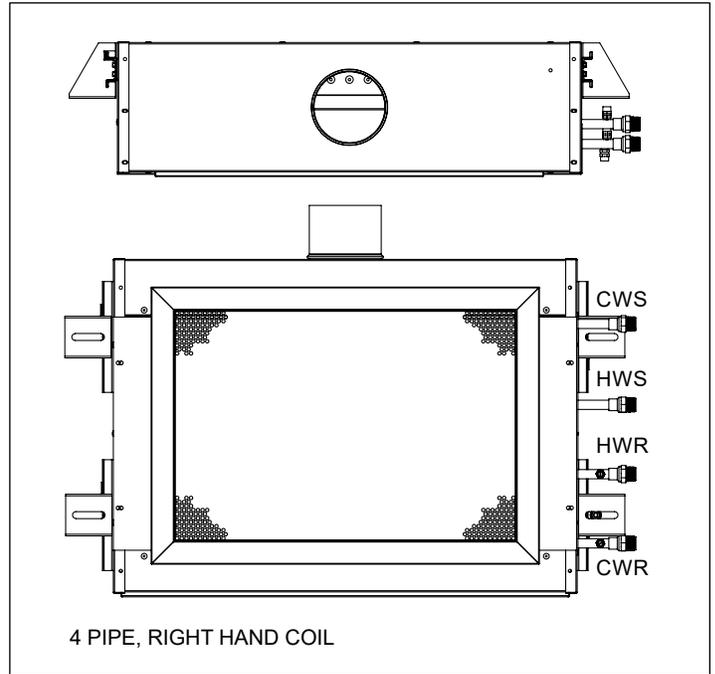
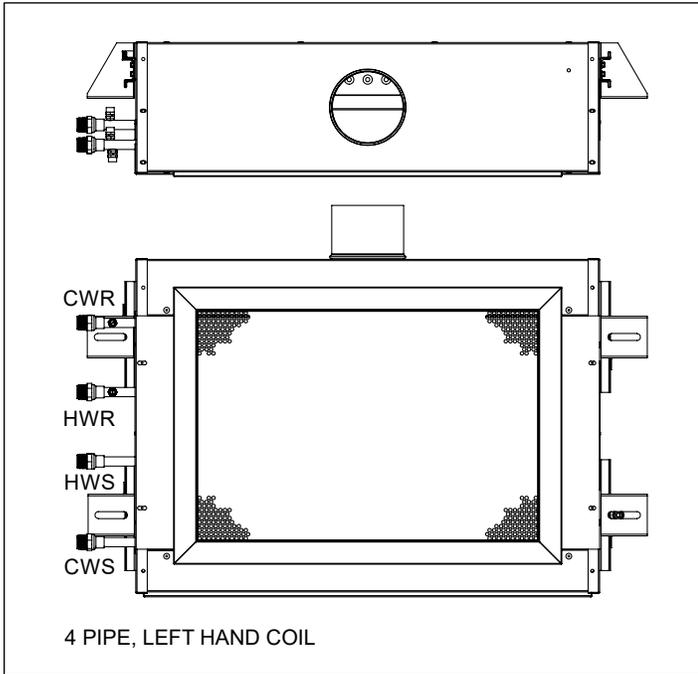


Note: hand of unit is determined when facing unit discharging.

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.

All rights reserved. No part of this work may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying and recording, or by any information storage retrieval system without permission in writing from Air Distribution Technologies.

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