

ACBL12

LINEAR ACTIVE CHILLED BEAM



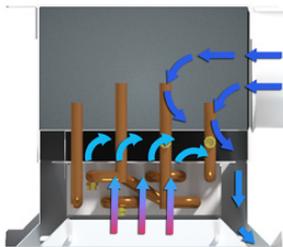
ACBL12

Linear Active Chilled Beam

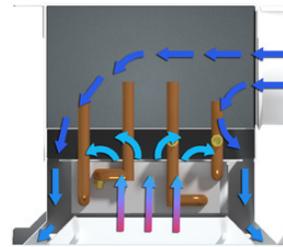
The Linear Active Chilled Beam (ACBL12) is Price Industries' most versatile beam. With the option of either 1-way or 2-way throw patterns, the ACBL12 can be utilized in room centers, perimeters or both to provide optimum thermal comfort. The ACBL12 is designed to provide a high cooling and heating output by conditioning the room air induced through the beams hydronic coil while simultaneously supplying fresh, conditioned air to the occupied area.



12 in. width



1-Way airflow



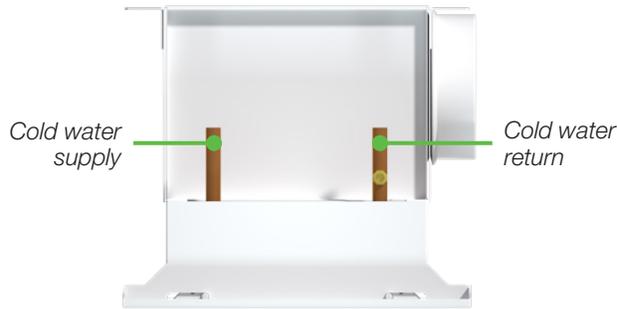
2-Way airflow

WATER COIL OPTIONS

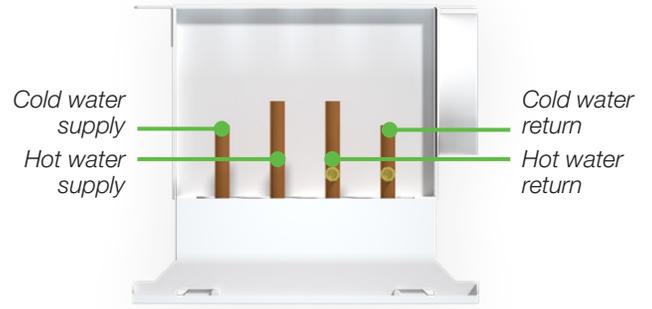
The ACBL12 is available with two water coil configurations.

2-Pipe Configuration – Can be used in heating or cooling applications.

4-Pipe Configuration – Includes dedicated circuits for heating and cooling.



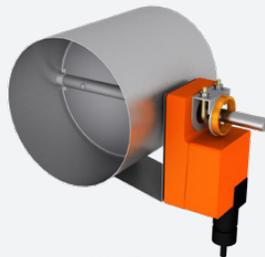
2-Pipe



4-Pipe



Manual Quadrant Damper



VAV Damper

DAMPER OPTIONS

Three damper options allow for fine tuning of static pressure.

Volume Flow Regulator (VFR) – System powered pressure independent airflow regulator.

Manual Quadrant (MQ) Damper
– For onsite fine tuning.

VAV Damper – Can be electronically actuated for VAV applications.



Volume Flow Regulator



APPLICATIONS

Office Buildings

- + Typically installed in open office areas, private offices, conference rooms, hallways, and storage rooms.
- + Can be utilized in both interior and perimeter zones.
- + The slimline configuration allows for a row of beams to be installed adjacently without interruption in open office areas.

Healthcare

- + Typically installed in patient rooms and administrative areas.
- + Small footprint of the beams and ductwork can lead to additional usable space.

Laboratories

- + Beams are typically applied in load driven labs.
- + The air diffuser (ADS) option can be utilized in lab spaces to provide demand control ventilation as well as makeup air during occupied hours.
- + The pattern controller (PC) option can be used to spread the air in small footprint layouts.

K12 Schools

- + Multiple space uses available including libraries, classrooms, offices, and labs.

Post Secondary

- + Multiple space uses available including libraries, classrooms, offices, lecture hall, and labs.
- + Excellent waterside efficiency opportunity by utilizing the district loop from the central plant to supply the water to the beams.

ZONE CONTROLLER

With the Price Intelligent Controller for Hydronic Applications (PIC-HP), Price now offers control of both the air side and the water side at the zone level. A wide variety of standard sequences are available depending on the desired control method. This systems brings multiple control points into one location allowing substantial cost savings with Chilled Beams systems. These controls are available with BMS integration over BACnet.



Check PIC-HP catalog
for sequences

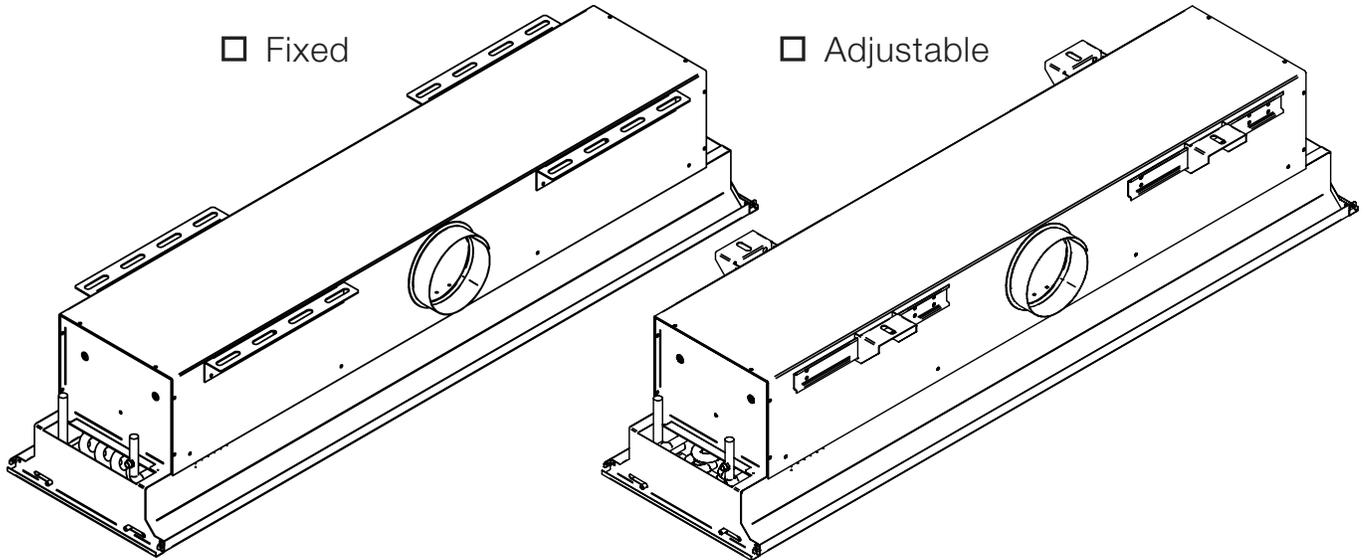


PIC-HP Control Sequences



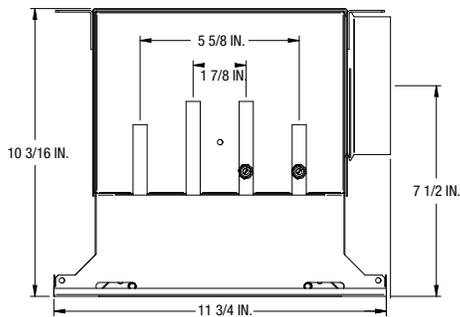
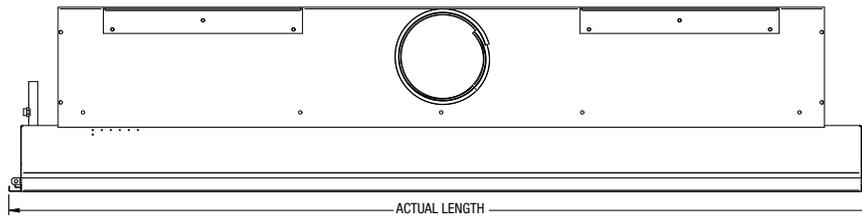
DIMENSIONAL DATA

12 in. Linear Active Chilled Beam

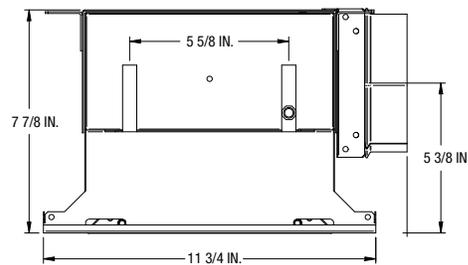


□ Fixed

□ Adjustable



Default Height



Low Profile

Nominal Width	Actual Width
12	11.75
Nominal Length	Actual Length
24	23.75
36	35.75
48	47.75
60	59.75
72	71.75
84	83.75
96	95.75
108	107.75
120	119.75



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