

**AHH Suggested Specification & Configuration**

**AHH**

The active chilled beam shall have an integral recirculation air path through the perforated bottom panel.

The bottom return panel shall be telescoping up to 2" and the supply connection shall be telescoping up to 8".

The supply air to the room space shall be 1-way.

The active chilled beam shall be 39" wide and 10" high. The active chilled beam shall have an inlet duct diameter of 5". The position of the duct connection shall be changeable and be able to be located at the right, left, or middle of the supply air plenum.

The frame, front, and side panels shall be made of galvanized steel. All visible parts shall be white, painted to #44 White (RAL 9010), 20% gloss.

All pipes shall be manufactured from copper, and connection pipes with a wall thickness of 0.04". The fins shall be manufactured from aluminum. Coil fins shall be spaced at 6 FPI. Optionally, heating shall be incorporated within the heat exchanger by means of two 3/8" pipes, connected in series. The heat exchanger shall be oriented such that the water connections may be located on either the right or left side of the beam.

All joints shall be soldered and factory pressure-tested. The pipework's maximum operation pressure is 150 psi.

Active chilled beams shall be protected by a removable plastic coating and individually packed in a plastic bag. The duct connection and pipe ends shall remain sealed during transport.

The active chilled beams shall be identified by a serial number printed on a label attached to the beam.

- 1. MODEL: (XXX)**  
AHH - Active Bulkhead Chilled Beam
- 2. AIR PATTERN / NOZZLE TYPE: (X)**  
A - Nozzle 5  
B - Nozzle 6  
C - Nozzle 7
- 3. DUCT CONNECTION: (X)**  
R - Right  
L - Left  
M - Middle
- 4. COIL CONNECTION LOCATION: (X)**  
R - Right  
L - Left
- 5. GRILLE: (X)**  
A - Aluminum  
B - Steel
- 6. COIL TYPE: (X)**  
C - Cooling Only  
H - Cooling and Heating
- 7. CONTROL VALVE: (XX)**  
00 - None  
A1 - Adjustable KVS, Factory Fitted  
A2 - Adjustable KVS, Loose  
A3 - Max Flow Limit, Factory Fitted  
A4 - Max Flow Limit, Loose
- 8. ACTUATOR: (XX)**  
00 - None  
A1 - 24 V  
A2 - 230 V\*
- 9. FINISH: (XXX)**  
WHT - White (RAL-9010)  
BLK - Black  
GRY - Gray  
SPL - Special

\* Additional voltages available upon request.

CHILLED BEAMS

A  
H  
H

**SAMPLE CONFIGURATION: AHH - B - L - L - A - C - 00 - 00 - WHT**