

**ASB Suggested Specification & Configuration**

**ASB**

The active chilled beam shall have an integral recirculation air path through the perforated bottom panel. The induced room airflow rate shall be manually adjustable via three setting positions without influencing the primary supply airflow rate.

The supply airflow rate shall be manually adjustable using an airflow damper. The hinged bottom panel can easily be opened and detached from either side for general maintenance and cleaning. The bottom panel shall be removable without any special tools.

The supply air to the room space shall be 2-way.

The active chilled beam shall be 23 3/4" wide and 9" high. The active chilled beam shall have an inlet duct diameter of 6.4". The position of the duct connection shall be changeable without the use of any special tools.

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.

All joints shall be soldered and factory pressure-tested. The pipework's operation pressure is 250 psig, with testing completed at 500 psig.

The active chilled beam shall have a measurement tap to allow airflow measurement.

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)**  
ASB - Active High Capacity Chilled Beam
- 2. AIR PATTERN / NOZZLE TYPE: (X)**  
A - 2-Way / Nozzle 1  
B - 2-Way / Nozzle 2  
C - 2-Way / Nozzle 3  
D - 2-Way / Nozzle 4  
E - 2-Way / Nozzle 5
- 3. DUCT CONNECTION: (XXX)**  
R2N - Right / 6.4" / Without Damper  
L2N - Left / 6.4" / Without Damper
- 4. BEAM LENGTH: (XXX)**  
48" - 120" (12" increments)
- 5. COIL LENGTH: (XXX)**  
35" - 107" (12" increments)
- 6. COIL TYPE: (X)**  
C - Cooling Only  
H - Cooling and Heating
- 7. FINISH: (XXX)**  
WHT - White (RAL-9010)  
BLK - Black  
GRY - Gray  
SPL - Special

CHILLED BEAMS

ASB

**SAMPLE CONFIGURATION: ASB - E - R2N - 48 - 35 - C - WHT - OR - ASB - A - L2N - 72 - 59 - C - BLK**