

## ABX Suggested Specification & Configuration

- 1. MODEL: (XXX)**  
ABX - Active Chilled Beam
- 2. AIR PATTERN / NOZZLE TYPE: (X)**  
A - 4-Way / Nozzle 1  
B - 4-Way / Nozzle 2  
C - 4-Way / Nozzle 3  
D - 4-Way / Nozzle 4  
E - 4-Way / Nozzle 5
- 3. DUCT CONNECTION : (XXX)**  
R2N - Right / 5" / Without Damper  
L2N - Left / 5" / Without Damper
- 4. BEAM LENGTH: (XXX)**  
24"  
48"
- 5. COIL TYPE: (X)**  
C - Cooling Only  
H - Cooling and Heating
- 6. FINISH: (XXX)**  
WHT - White (RAL-9010)  
BLK - Black  
GRY - Gray  
SPL - Special

### ABX

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

The front panel shall be removable in order to allow general maintenance and cleaning. The front panel shall be removable without any special tools.

The air supply to the room space shall be four directional. The active chilled beam shall be 24" wide and 8 11/16" high. The active chilled beam shall have an inlet duct diameter of 5". The position of the water connections can be changed by turning around the heat exchanger without special tools.

The plenum and front shall be made of galvanized steel plate. The frame shall be made of aluminium. All visible parts shall be white, painted to RAL 9010, 50% gloss.

All pipes shall be manufactured from copper, and connection pipes with a wall thickness of 0.04". The fins shall be manufactured from aluminium. Optionally, heating shall be incorporated within the heat exchanger by means of two 1/2" pipes, connected in series.

All joints shall be soldered and factory pressure tested. The pipeworks maximum operation pressure is 150 psi.

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

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

The active chilled beams shall be identified by a serial number printed on labels attached to both the active chilled beam and the plastic packaging.