ACTIVE CHILLED BEAM LINEAR 24" WIDE

STANDARD CONSTRUCTION:
- All metal assembly
- 20 gauge galvanized steel
- Aluminum fins
- Copper water piping

ELEVATION
- Sea level
- High altitude _______ ft

FINISH COLOR (FACE) (VISIBLE FROM ROOM SIDE):
- B12 White powder paint
- B25 Special powder paint

PLENUM COLOR (NOT VISIBLE FROM ROOM SIDE):
- Unpainted galvaneal (default)
- Match - matches finish color

FACE STYLE:
- Perforated (shown)
- Bar grille

NOTE: FACTORY TOLERANCE ± 1/32"

**SEE SUBMITTAL 248924 FOR AVAILABLE HOSE AND VALVE PACKAGES

DISCHARGE:
- 1W - one way
- 2W - two way

COIL TYPE:
- 2P1C = 2 pipe, 1 circuit
- 2P2C = 2 pipe, 2 circuit
- 4P1C = 4 pipe, 1 circuit
- 4P2C = 4 pipe, 2 circuit
- DV = drain & vents

COIL FINISH:
- Unpainted (default)
- Black painted coil

INLET SIZE (D)*:
- 8” (127) round
- 6” oval equiv. (4”h x 7”w)
- 8” oval equiv. (4”h x 10.125”w)

*Airflow not to exceed 750 FPM

INLET SIZE (W)*:

NOMINAL WIDTH ACTUAL WIDTH (W) WEIGHT (lbs)
24 25.75
36 35.75 38 41
48 47.75 50 55
60 59.75 63 68
72 71.75 75 82
80 83.75 88 95
96 95.75 100 109
108 107.75 113 123
120 119.75 125 136

DISCHARGE:
- 1W - one way
- 2W - two way

COIL CONNECTION:
- 1/2” sweat
- 1/2” NPT - female
- 1/2” NPT - Male
- 1/2” NPT - 90° female

COIL FINISH:
- Unpainted (default)
- Black painted coil

INSULATION OPTIONS:
- 1/2” fiberfree - internal
- 1/2” fiberfree - external
- Internal & external
- None (default)

NOTE: WEIGHTS ARE FOR PERFORATED FACE UNITS

PROJECT:

ENGINEER:

CUSTOMER:

SUBMITTAL DATE: SPEC. SYMBOL:

2016/05/17 ACBL24

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ACTIVE CHILLED BEAM LINEAR 24" WIDE

MOUNTING BRACKET:

☐ FIXED (DEFAULT)

☐ ADJUSTABLE

FIXED BRACKET AMOUNT PER LENGTH

<table>
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<tr>
<th>NOMINAL LENGTH</th>
<th>QTY</th>
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DIN BRACKET AMOUNT PER LENGTH

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ACTIVE CHILLED BEAM LINEAR 24" WIDE

2-WAY DISCHARGE
INLET LOCATION OPTIONS:
☐ A - SIDE A
☐ B - SIDE B
☐ T - TOP

COIL PIPING
(NOT SELECTABLE FOR 2-WAY)

1-WAY DISCHARGE
COIL LOCATION OPTION:
☐ RH - RIGHT HAND (DEFAULT)
☐ LH - LEFT HAND

INLET LOCATION OPTIONS:
☐ A - SIDE A
☐ B - SIDE B
☐ T - TOP

AIR DISCHARGES THIS DIRECTION
(1-WAY DISCHARGE ONLY)

COIL PIPING LOCATION
OPTION LEFT HAND (LH)
(I-WAY ONLY)

COIL PIPING LOCATION
OPTION RIGHT HAND (RH)
(ISHOWN)

DOOR CAN HINGE
ON BOTH SIDES

ACTUAL LENGTH (L)

L / 2

SIDE A

L / 2

SIDE B

TOP

VIEW
ACTIVE CHILLED BEAM LINEAR 24" WIDE

DAMPER OPTIONS (SHIPPED LOOSE):
(DAMPERS SHOULD NOT BE MOUNTED DIRECTLY TO THE INLET AND SHOULD ONLY BE USED FOR TRIMMING AIRFLOW)

☐ MQ5 - 5" DAMPER W/ MANUAL LOCKING QUADRANT
☐ MQ6 - 6" DAMPER W/ MANUAL LOCKING QUADRANT
☐ MQ8 - 8" DAMPER W/ MANUAL LOCKING QUADRANT

☐ VAV5 - 5" DAMPER W/ 24VAC FLOATING POINT ACTUATOR
☐ VAV6 - 6" DAMPER W/ 24VAC FLOATING POINT ACTUATOR
☐ VAV8 - 8" DAMPER W/ 24VAC FLOATING POINT ACTUATOR

*DAMPER OPTIONS (SHIPPED LOOSE):
(DAMPERS SHOULD NOT BE MOUNTED DIRECTLY TO THE INLET AND SHOULD ONLY BE USED FOR TRIMMING AIRFLOW)

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*SEE SUBMITTAL 255245 FOR AVAILABLE FIXED VOLUME FLOW REGULATORS
ACTIVE CHILLED BEAM LINEAR 24" WIDE

☐ ABS12 - FACE ACCESSIBLE BLANK SECTION, COIL SIDE
  (ADD 12" TO ACTIVE COIL LENGTH)
  (LOCATED ON COIL CONNECTION END)

* OVERALL LENGTH OF BEAM IS INCREASED BY 12".
MAXIMUM OVERALL BEAM LENGTH IS 120".

☐ RET12 - RETURN/EXHAUST SECTION
  (ADD 12" TO ACTIVE COIL LENGTH)

* OVERALL LENGTH OF BEAM IS INCREASED BY 12".
MAXIMUM OVERALL BEAM LENGTH IS 120".

☐ ADS12 - ADDITIONAL AIR DIFFUSER SECTION
  (ADD 12" TO ACTIVE COIL LENGTH)

* OVERALL LENGTH OF BEAM IS INCREASED BY 12".
MAXIMUM OVERALL BEAM LENGTH IS 120".

LOCATED OPPOSITE OF COIL CONNECTION END.
IF RETURN/EXHAUST ALSO SELECTED, RET IS BETWEEN ADS AND ACTIVE BEAM SECTION

PROJECT: [Redacted]
ENGINEER: [Redacted]
CUSTOMER: [Redacted]
SUBMITTAL DATE: 2016/05/17
SPEC. SYMBOL: ACBL24
ACTIVE CHILLED BEAM LINEAR 24" WIDE

□ SLIM - SLIMLINE COUPLING

NOTES: UNITS SHOWN WITHOUT ANY ACCESSORIES
UNITS SHIP SEPARATELY. ASSEMBLY ON SITE REQUIRED.
GRILLE FACE IS NOT CONTINUOUS

BEAMS INSTALLED IN CONTINUOUS LENGTH WITH BUTT END JOINTS
ADDITIONAL MIDDLE BEAMS CAN BE ADDED

ADDITIONAL MIDDLE BEAMS CAN BE ADDED

SLIMLINE SECTION 1 (SLIM-1)
SLIMLINE SECTION MID (SLIM-MID)
SLIMLINE SECTION 2 (SLIM-2)

1-WAY DISCHARGES TO SIDE B INLET

SIDE A
SIDE B
TOP

COIL PIPING LOCATION OPTION
LEFT HAND (LH) (OPTIONAL)
COIL PIPING LOCATION OPTION
RIGHT HAND (RH) (SHOWN)

ALIGNMENT BRACKET ATTACHES ONE BEAM TO THE NEXT BY A SELF DRILLING SCREW AND (10-32 SCREW (PROVIDED)

PROJECT:

ENGINEER: CT

CUSTOMER:

SUBMITTAL DATE: SPEC. SYMBOL: 2016/05/17

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ACTIVE CHILLED BEAM LINEAR 24" WIDE

PATTERN CONTROLLERS
☐ ADJUSTABLE PATTERN CONTROLLERS
LOCATED IN DISCHARGE SLOT
(FIELD ADJUSTABLE, FACTORY SET AT
0 DEGREE DEFLECTION)

FACE DOES NOT HINGE,
PULLS STRAIGHT DOWN
WITH SAFETY TETHERS

ADJUSTABLE PATTERN CONTROLLERS

45 DEGREES 30 DEGREES 15 DEGREES 0 DEGREE

VARIOUS PATTERN CONFIGURATIONS, CONTACT
APPLICATION ENGINEERING FOR ASSISTANCE
ACTIVE CHILLED BEAM LINEAR 24" WIDE

- WNG6 - WING EXTENSIONS
  (ENDCAPS SHIPPED LOOSE)

PROTECTIVE FILM:
- PF - PROTECTIVE FILM
  ON FACE AND AIR INLET

PROTECTIVE FILM:
- PF - PROTECTIVE FILM
  ON FACE AND AIR INLET

PROJECT:

ENGINEER: CT

CUSTOMER: 266851

SUBMITTAL DATE: 2016/05/17

SPEC. SYMBOL: ACBL24

ACTIVE CHILLED BEAM LINEAR 24" WIDE
ACTIVE CHILLED BEAM LINEAR 24" WIDE

BORDER OPTIONS:
☐ STANDARD LAY-IN (DEFAULT)
☐ 9/16" TEGULAR
☐ 15/16" TEGULAR

STANDARD EDGE

9/16" TEGULAR EDGE

15/16" TEGULAR EDGE