

Introduction: ACE

The ACE adaptable exposed mounted chilled beam is the most aesthetically appealing design in the market today. It offers many options to allow for many different architectural styles and performance options. Additionally, by using *Krueger by Halton's* HAQ control, the air flow to the unit can be adjusted while keeping the plenum pressure constant, allowing for adaptability to room layout changes.

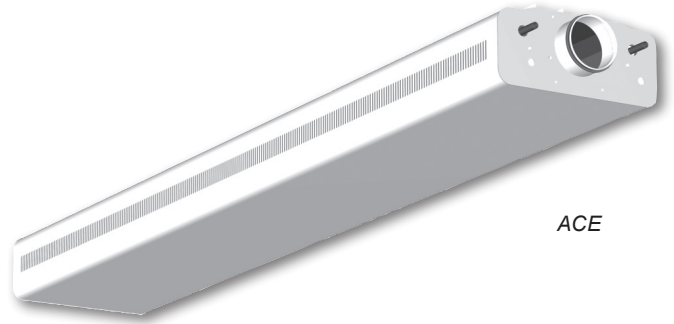
MODEL

ACE - Active Adaptable Exposed Chilled Beam

FEATURED OPTIONS

(See STANDARD OPTIONS on Page C3-28)

- 4 nozzle sizes available.
- Available in lengths from 48" to 192" (4" increments).
- Venting valves for cooling and/or heating coil.
- Custom color matching available.
- Primary air flow adjustment damper.
- Electronically actuated *Krueger by Halton* Air Quality Control (HAQ).
- Rounded or angular casing.
- Round or oval return face perforation.
- Adjustable or constant flow, factory mounted water valve and actuator (24V or 230V).
- Cable tray.
- 12" or 16" duct cover.

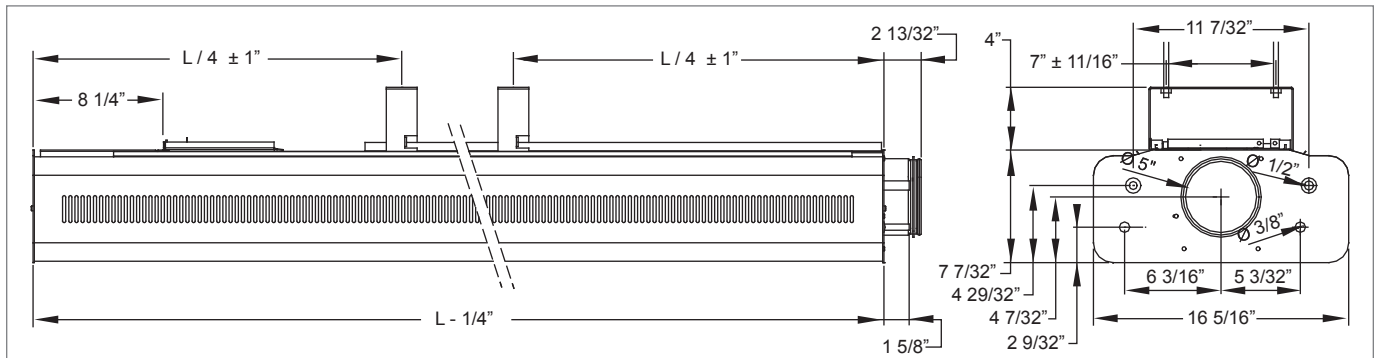


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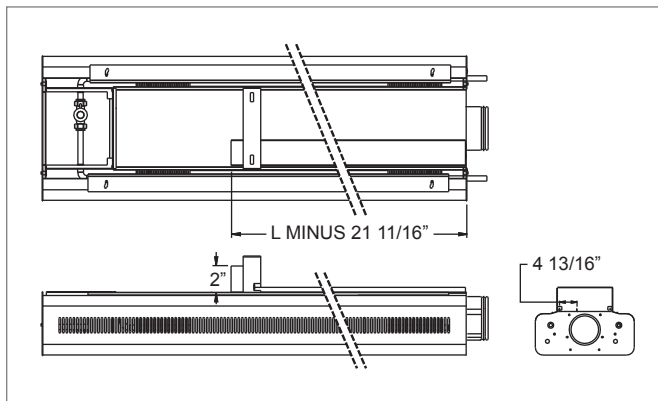
* *Dependent on third party CO₂ or occupancy monitoring.*

ACE Dimensional Information

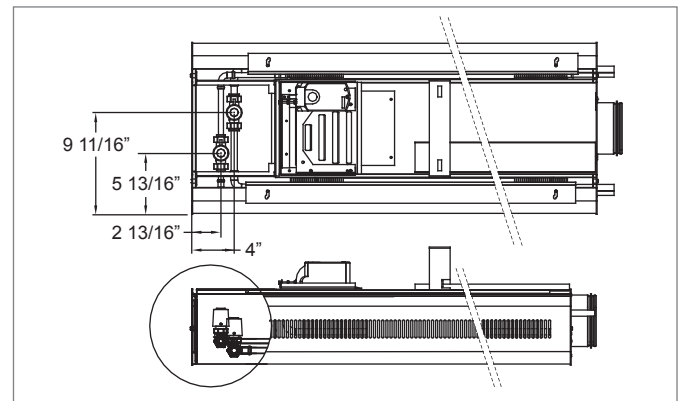
ACE SIDE VIEWS



CABLE TRAY



VALVES



NOTES: All dimensions in inches. Cooling/heating water pipe connections are copper 1/2" and 3/8" with wall thickness of 0.04". The maximum operating pressure for chilled/hot water pipework is 150 psi. The front panel of the chilled beam is divided into two equal sections in chilled beams longer than 96". Combined cooling and heating coil: *Krueger by Halton* Air Quality Control (HAQ damper - manual operation): Located in the non-connection end of the beam. *Krueger by Halton* Air Quality Control (HAQ damper - motorized operation): In retrofitting, motorization of HAQ is possible when manual version is selected. Control Valve: Valves with adjustable kvs value or with max flow limit function. Delivered factory fitted or loose. If control valves are factory fitted, the location of the pipe connections cannot be changed on the site. Delivered factory fitted or loose Cable length 47.24". Cable Tray: Prepainted, Length = Beam - 22". Airflow adjustment damper (MSM damper): Removable through access panel. Duct cover: Self-supporting cover plate. No need for installation brackets. Available in length 12, 16, 20, 24 inches.