

CB-SV

Vertical Downward Discharge Soffit Mounted Active Chilled Beam with Condensate Drip Tray

Keep comfortable knowing your space is healthy! The Carson Solutions CB-SV vertical downward discharge soffit/ceiling mounted active chilled beam utilizes an induction process to draw room air through the chilled beam heat exchanger. This provides superior thermal comfort in heating and cooling while allowing for the introduction of fresh outside air for improved indoor air quality. The CB-SV active chilled beam can be installed recessed in the ceiling soffit. The CB-SV configuration offers a more modern look to a traditional overhead chilled beam by utilizing a linear bar grille or linear slot diffuser supply grille (provided by others) to complete the overall look within the overhead soffit. The CB-SV is offered in two size configurations to accommodate buildings design constraints.

With no moving parts within the CB-SV, minimize sound and maintenance requirements. This unique design allows for a condensate drip tray to be mounted under the vertical hydronic heat exchanger for added protection against space humidity levels that may be difficult to maintain. Optional factory mounted condensate float switch can be installed for additional protection. Multiple CB-SV's can be installed to provide the primary supply air and utilize hot or chilled water to control space conditions precisely for maximum comfort. Induced room air mixes with primary conditioned fresh air to deliver a combined air stream to the occupied space through linear vertical downward discharge slot along the length of the beam. The Carson Solutions CB-SV Active Chilled Beams improve efficiency to maximize cooling and heating while delivering superior performance and thermal comfort!



Laboratories



Offices



Education



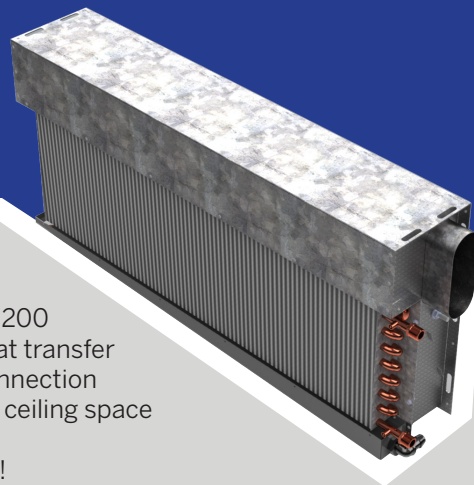
Government



Healthcare



And more!



EXCLUSIVE FULLY SEALED PLENUM DESIGN

Our fully sealed plenum design prevents air leakage with the Carson Solutions chilled beams! Using the same acclaimed quality and design as the QLCI, the CB-H24 is ideal for new or retrofit applications.

FEATURES

- Rated in accordance with ASHRAE 200
- Lower energy use per Btu/hr of heat transfer
- Condensate drip tray with drain connection
- Small footprint allows more usable ceiling space
- Low maintenance
- Design & manufactured in the USA!

ABOUT US CARSON SOLUTIONS

Carson Solutions designs and manufactures HVAC equipment to improve our community that creates a healthier environment both indoor and out.

Manufactured with American ingenuity, Carson Solutions products are designed with quality materials. With innovation, sustainability, and quality at our core, we offer the flexibility of a small company with agile manufacturing capabilities to customize all products. Partner with Carson Solutions to create your next solution!