

CS-ID

Vertical Upward Discharge Floor Mounted Induction Unit with Condensate Drip Tray

Keep comfortable knowing your space is healthy! The Carson Solutions CS-ID vertical upward discharge floor mounted induction unit utilizes an induction process to draw room air through the induction unit 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 CS-ID induction unit is floor mounted, typically installed along the perimeter wall under the windows and delivers supply air in a vertically upward discharge direction. The CS-ID induction unit is designed to be a direct replacement for owners, engineers, and architects looking to replace older, inefficient, legacy-style induction units. CS-IDs can be installed either within existing cabinetry or provided with customized cabinets to provide an updated look. If custom cabinets are part of the renovation scope, Carson Solutions can offer sheetmetal options to enclose and protect the IDU equipment.

With no moving parts within the CS-ID, 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 may be difficult to maintain. Optional factory mounted condensate float switch can be installed for additional protection. The fully sealed plenum design from Carson Solutions ensures no air leakage. Multiple CS-ID'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 unit. The Carson Solutions CS-ID Induction Units improve efficiency to maximize cooling and heating while delivering superior performance and thermal comfort!



Condominiums



Office Buildings & Skyscrapers



Education



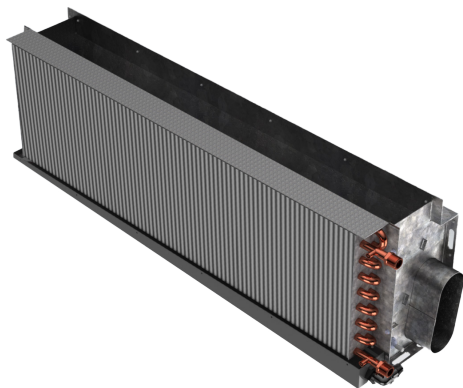
Government



Healthcare



And more!



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!

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
- Small footprint allows more usable ceiling space
- Low maintenance
- Design & manufactured in the USA!