



DID-V

TROX DID-V series active chilled beams have a vertical coil, which can be installed out of view in the ceiling plenum with a linear bar grille or slot diffuser (provided by others). The DID-V has an integral welded condensate tray that enables their use in schools and other applications involving operable windows or in other scenarios where maintenance of precise space humidity levels is difficult.

The design and positioning of the induction nozzles within the DID-V active chilled beam enhance the amount of plenum air drawn across the internal heat exchanger. This provides high cooling outputs with low amounts of primary air.

The beams discharge characteristics also allow for high levels of cooling without the penalty of high terminal velocities (normally associated with high induction chilled beams) into the occupied zone, making the DID-V particularly well suited for perimeter zones with high sensible loads where comfort must be maintained.

The high water to airside cooling ratio with primary air volume means the DID-V is ideal for use with dedicated outdoor air systems (DOAS) designs.

Benefits

- Reduced ductwork
- Reduced plant room sizes
- High cooling capacity with low primary airflow rates
- Heat exchangers for two or four pipe systems
- Cooling and/or heating is possible
- Welded condensate trays with or without piping connections

PRODUCT DESCRIPTION

- Vertical coil
- Can be installed out of view in ceiling plenum
- Linear bar grill or slot diffuser (provided by others) provide alternative look to traditional overhead active chilled beams
- Two or four pipe configuration (heating and/or cooling)
- Welded condensate tray
- Selection software featuring detailed comfort data and terminal velocities

SELECTION TOOLS

