



## DID632A

- Flush ceiling active chilled beam
- Nominal width: 24" to suit t-bars at 2 ft centers
- High cooling performance with low primary air flow air requirements
- Two face designs
- Two or four pipe configuration (heating and/or cooling)
- Selection software featuring detailed comfort data and terminal velocities

### Product Description



Ideal for schools and hospital patient rooms

TROX DID632A series active chilled beams feature angled heat exchangers and integral condensate trays. While this beam was specifically designed for use in spaces where controlling room humidity levels can sometimes be a challenge, such as K-12 classrooms and hospital patient rooms, the condensate trays are intended only as an added emergency feature should the humidity rise unexpectedly.

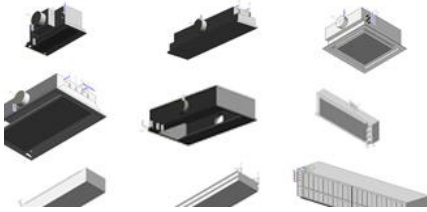
The design and positioning of the induction nozzles with the DID632A enhance the amount of secondary room air drawn across the internal heat exchanger, providing high cooling outputs with low amounts of primary air.

#### Benefits

- Reduced ductwork
- Reduced plant room sizes
- Up to 130 Btu/h cooling per sq ft. of floor space, while still maintaining a maximum air velocity of 50 fpm in the occupied zone<sup>1</sup>
- 35% less primary air required for a typical application<sup>2</sup>
- Can reduce main AHU air requirement by up to 82% compared to VAV systems
- Up to 50% fewer chilled beams required for the same cooling capacity and primary airflow<sup>2</sup>
- <sup>1</sup>Based on room height of 10 ft and occupied zone height of 3.5 ft

<sup>2</sup>Compared to Trox DID622-HC active chilled beam

## SELECTION TOOLS



SELECTION TOOL  
IM FILE

**TROX Chilled Beam Selection Program**

				Reset Help F	Selection Wizard	Save As Schedule
Input Data		4 pipe coil	2 pipe coil	Project	Room No.	Comment
Room ID	Room Name	1.00.000	1.00.000			
Room Height	Room Area	2.5	2.5			
Room Volume	Room Perimeter	10.0	10.0			
Room Orientation	Room Type					
Input Temperature		heating	heating	Input Room Dimensions		Attitude
Supply air temperature	Room temperature	16.5 °C	16.5 °C	Room Height (m)	2.5	1.0
Return air temperature	Room temperature	19.5 °C	19.5 °C	Room Area (m²)	10.0	Automatic
Supply air flow rate	Room volume	0.0 m³/s	0.0 m³/s	Room Perimeter (m)	10.0	10%
Return air flow rate	Room volume	0.0 m³/s	0.0 m³/s			

**TROX TECHNIK**  
The art of handling air

Model Type:

Results:

4 pipe coil	2 pipe coil	3 pipe coil
Area	2.5	2.5
Volume	25.0	25.0
Perimeter	10.0	10.0
Room Volume	25.0	25.0

SELECTION TOOL  
SELECTION PROGRAMM