



DID301-TZ AND DID302-TZ

The specially designed TROX DID301-US-TZ & 302-US-TZ series active chilled beams was developed to fit into certain modular ceiling systems. By combining two innovative technologies, architects and engineers now have a visually appealing, custom design-look with the flexibility of a modular ceiling system.

Product Description

The TROX DID301-US-TZ (1-way discharge) and 302-US-TZ (2-way discharge) active chilled beam series are provided in two standard lengths, 8 ft and 4 ft. The 8 ft. beam also has an option that allows the ceiling grid T-bar to pass perpendicular across the beam face on its centerline allowing greater flexibility in laying out the ceiling support grid.

Special chilled beam features include three nozzle sizes to optimize induction; vertically mounted heat exchangers with condensate trays; a perforated induced air grille and circular side-inlet for the connection. There are two types of heat exchanger available, a two-pipe system for cooling and a four-pipe system for cooling and heating.

Beams are provided with lockable sliding hanging brackets to allow alignment of beam and ceiling grid. Three border style options are available to coordinate the beam and T-Bar system and tile combination selected for a clean on-site installation.

For maintenance, the induction grille can be removed completely by releasing four bolts to gain access to the heat exchanger coils. Lanyard wires attached to the induction grille provide additional safety. The DID301-US-TZ & DID302-US-TZ active chilled beams are also available in 3- to 10-foot lengths as a cost option.

SELECTION TOOLS

TROX Chilled Beam Selection Program				Need Help?	Selection Wizard	Save to Schedule
Input DID	# pipe coil	# pipe coil	2 pipe coil	Project	Model No.	Comment
Water GPM	100 GPM	100 GPM	100 GPM			
Water Temp	45 F	45 F	45 F			
Water Pressure	100 PSI	100 PSI	100 PSI			
Water Density	62.4	62.4	62.4			
Water Viscosity	1.13	1.13	1.13			
Water pH	7.0	7.0	7.0			
Water Hardness	100.0	100.0	100.0			
Water Turbidity	1.0	1.0	1.0			
Water Chlorine	0.0	0.0	0.0			
Water Alkalinity	100.0	100.0	100.0			
Water Conductivity	100.0	100.0	100.0			
Water Total Dissolved Solids	100.0	100.0	100.0			
Water Total Suspended Solids	100.0	100.0	100.0			
Water Total Solids	100.0	100.0	100.0			
Water Total Hardness	100.0	100.0	100.0			
Water Total Phosphate	100.0	100.0	100.0			
Water Total Nitrate	100.0	100.0	100.0			
Water Total Ammonia	100.0	100.0	100.0			
Water Total Chlorine	100.0	100.0	100.0			
Water Total Bromine	100.0	100.0	100.0			
Water Total Iodine	100.0	100.0	100.0			
Water Total Fluoride	100.0	100.0	100.0			
Water Total Sulfate	100.0	100.0	100.0			
Water Total Nitrite	100.0	100.0	100.0			
Water Total Cyanide	100.0	100.0	100.0			
Water Total Selenium	100.0	100.0	100.0			
Water Total Cadmium	100.0	100.0	100.0			
Water Total Lead	100.0	100.0	100.0			
Water Total Copper	100.0	100.0	100.0			
Water Total Zinc	100.0	100.0	100.0			
Water Total Manganese	100.0	100.0	100.0			
Water Total Iron	100.0	100.0	100.0			
Water Total Nickel	100.0	100.0	100.0			
Water Total Chromium	100.0	100.0	100.0			
Water Total Barium	100.0	100.0	100.0			
Water Total Strontium	100.0	100.0	100.0			
Water Total Calcium	100.0	100.0	100.0			
Water Total Magnesium	100.0	100.0	100.0			
Water Total Potassium	100.0	100.0	100.0			
Water Total Sodium	100.0	100.0	100.0			
Water Total Chloride	100.0	100.0	100.0			
Water Total Sulfate	100.0	100.0	100.0			
Water Total Nitrate	100.0	100.0	100.0			
Water Total Phosphate	100.0	100.0	100.0			
Water Total Nitrite	100.0	100.0	100.0			
Water Total Cyanide	100.0	100.0	100.0			
Water Total Selenium	100.0	100.0	100.0			
Water Total Cadmium	100.0	100.0	100.0			
Water Total Lead	100.0	100.0	100.0			
Water Total Copper	100.0	100.0	100.0			
Water Total Zinc	100.0	100.0	100.0			
Water Total Manganese	100.0	100.0	100.0			
Water Total Iron	100.0	100.0	100.0			
Water Total Nickel	100.0	100.0	100.0			
Water Total Chromium	100.0	100.0	100.0			
Water Total Barium	100.0	100.0	100.0			
Water Total Strontium	100.0	100.0	100.0			
Water Total Calcium	100.0	100.0	100.0			
Water Total Magnesium	100.0	100.0	100.0			
Water Total Potassium	100.0	100.0	100.0			
Water Total Sodium	100.0	100.0	100.0			
Water Total Chloride	100.0	100.0	100.0			
Water Total Sulfate	100.0	100.0	100.0			
Water Total Nitrate	100.0	100.0	100.0			
Water Total Phosphate	100.0	100.0	100.0			
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