

Liebert XD Piping

X-Treme Density

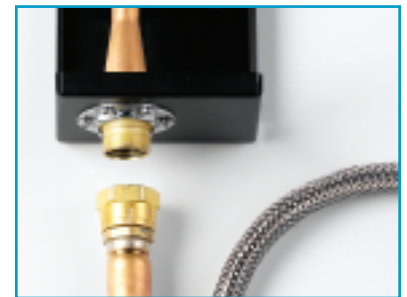
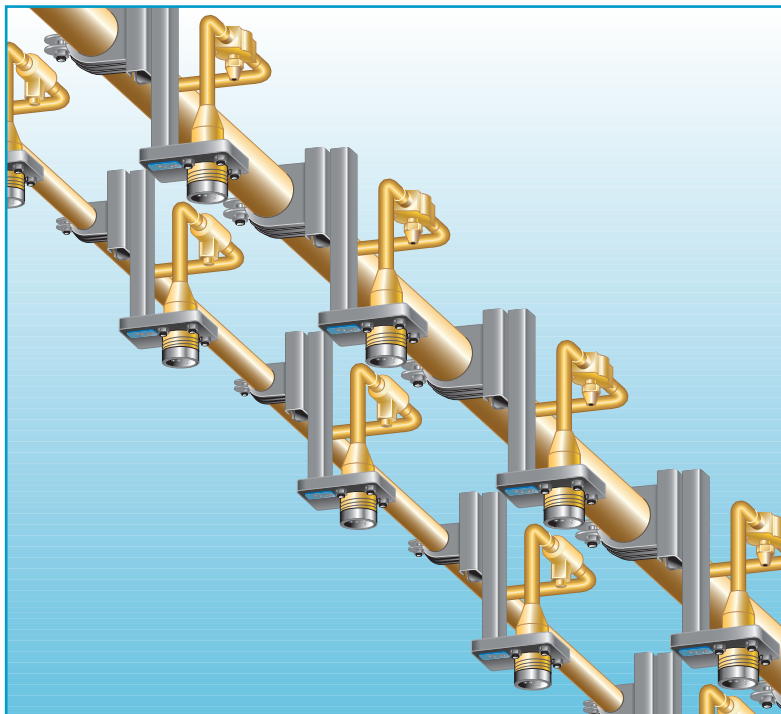
The Liebert XD System is a refrigerant-based cooling solution that solves the increasing kW heat load per rack problem in Data Centers and Computer Rooms, without consuming valuable floor space.

The Liebert XD Piping system allows you to pre-establish a cooling system infrastructure, enabling the ability to "Plug & Play" cooling modules as your heat load requirements change. Pre-fabricated distribution piping is installed in anticipation of a growing system, then XD cooling modules are added as required and are quickly made operational with flexible connection piping equipped with quick connect fittings. This unique system allows the room cooling capacity to increase to more than 500W/sq.ft. with no additional disruptive piping installation. The piping also allows the cooling modules to be re-positioned without interruption in operation.

The distribution piping is available as 10 ft. segments with 5 ports, or 8ft. segments with 2 ports. Each port has a ball valve and a quick-connect fitting. The port units are also available without the horizontal piping, so custom distribution piping may be put together on site.

Features

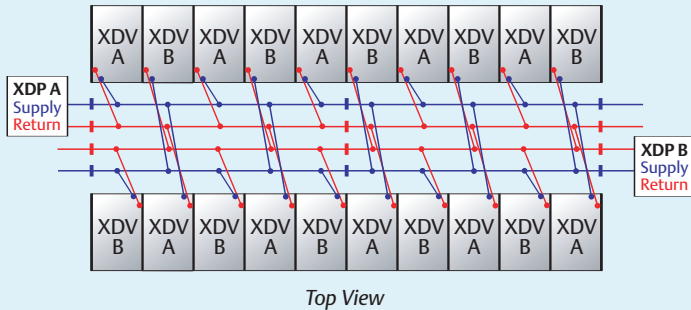
- Allows your Data Center to adapt to changing heat load requirements with minimal up-front investment.
- Allows the Data Center to scale-up to a cooling capacity of more than 500W/sq.ft. as your needs grow.
- Allows re-positioning of cooling modules without interruption in operation.
- Allows interlaced XDP/XDC connection of the XD cooling modules in single row or dual row layouts.



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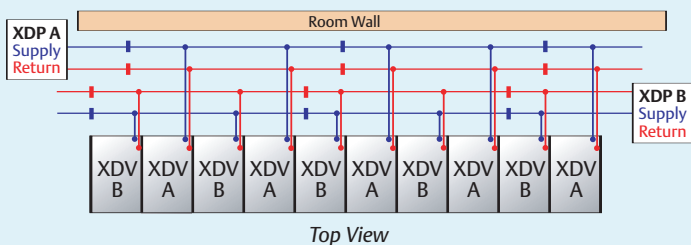
Pre-Fabricated Piping Infrastructure - DUAL ROW

- 20 XDV's interlaced connected to 5-port Supply Segments and 5-port Return Segments.



Pre-Fabricated Piping Infrastructure - SINGLE ROW

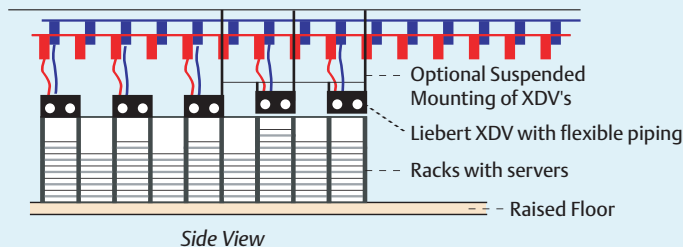
- 10 XDV's interlaced connected to 2-port Supply Segments and 2-port Return Segments.
- A single pair of 5-port segments could be used for a non-interlaced configuration



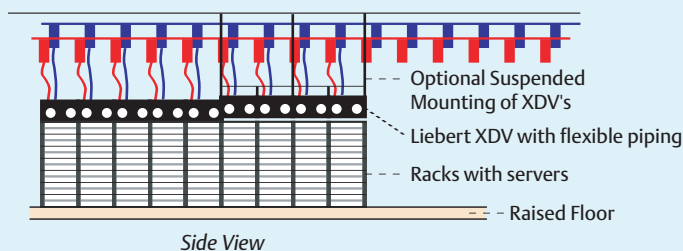
Liebert XD Piping Adaptability

"Plug & Play" Liebert XDVs into pre-fabricated piping infrastructure

- Heat Load Up To 6 kW/Rack
- Traditional Cooling Plus Supplemental Cooling With Liebert XDV



- Heat Load More Than 6 kW/Rack.
- Traditional Cooling Plus Supplemental Cooling With Liebert XDV



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