

Liebert XDP Pumping Unit

Specifically Designed To Support The Liebert XDV and XDO Systems



The Liebert XDP Pumping Unit is part of the the highly energy-efficient, high heat density Liebert XD cooling system.

The system can cool more than 500 W/sq. ft. (5400 W/m²), and utilizes Liebert XD Coolant which is ideal for use around electronic equipment. Liebert XDP is specifically designed to support the Liebert XDV and XDO systems. The XDP is an interface between the Liebert XD Coolant circuit and the building chilled water system. The XDP circulates the XD Coolant to the Liebert XDV and XDO modules while maintaining the coolant at a temperature, always above the actual dewpoint.

The packaged unit includes Enclosure, Pumps, Heat Exchanger, Receiver Tank, Controls, Valves and Piping.

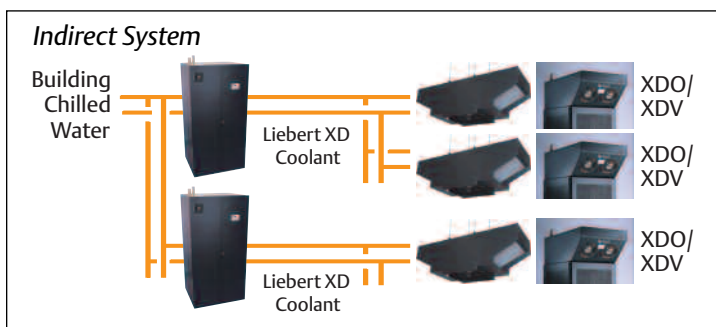
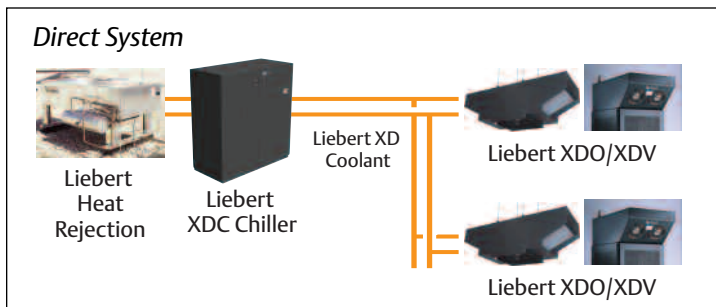
Key Features

- Energy Efficient
- Redundant Pumps
- Floor Space Efficient
- Scalable
- Easy to Install

Technical Data

Nominal Capacity, 60 Hz (Max 10 XDO modules or 20 XDV modules)	160 kW / 46 Ton
Nominal Capacity, 50 Hz, (Max 10 XDO modules or 20 XDV modules)	140 kW / 40 Ton
Input Voltage	208 V, 3 ph, 60 Hz 460 V, 3 ph, 60 Hz 380/420 V, 3 ph, 50 Hz
Full load amps	2.1 A @ 460 V, 3 ph, 60 Hz 3 A @ 380/420 V, 3 ph, 50 Hz
Height	76" (1930 mm)
Width	37" (940 mm)
Depth	34" (762 mm)
Weight, empty	855 lbs (388 kg)

Liebert XD Hydraulic System Schematic



The indoor Liebert XDC Coolant Chiller is specifically designed to support the Liebert XDV and XDO cooling modules. The XDC connects directly to the modules through the XD Coolant circuit. When a building chilled water system is available, the Liebert XDP Pumping Unit is utilized as an interface between the XD Coolant circuit and the chilled water system. Both the XDC and the XDP units circulate the XD Coolant to the XDOs, while maintaining the coolant at a temperature always above the actual dewpoint.

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