

Precision Cooling
for Business-Critical Continuity

Liebert XDC Coolant Chiller

Rack Enclosure With Integrated High Density Cooling



The Liebert XDC Coolant Chiller is a part of Liebert's highly energy-efficient high heat density cooling system Liebert XD™.

The system can cool more than 500 W/sq. ft. (5400 W/m²) and uses Liebert XD Coolant, which is ideal for use around electronic equipment.

Liebert XDC is specifically designed to support the Liebert XDV and XDO systems. The XDC is an indoor unit that connects directly to the XDO or XDV and it provides XD Coolant circulation and control while maintaining the coolant at a temperature always above the actual dewpoint.

The packaged unit includes Enclosure, Pumps, Heat Exchanger, Scroll Compressors, Receiver Tank, Controls, Valves and Piping. The XDC is available in air cooled configuration with remote condenser.

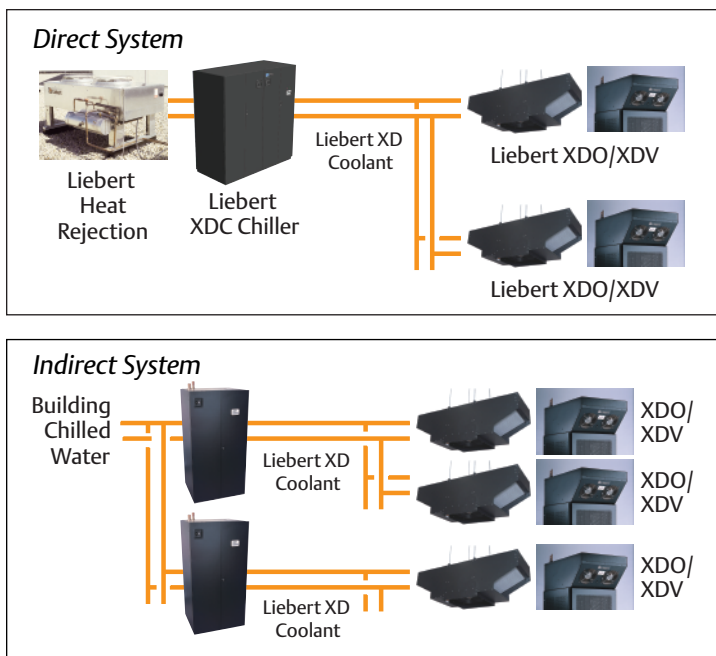
Key Features

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

Technical Data

Nominal Capacity, 60 Hz	160 kW / 46 Ton
Nominal Capacity, 50 Hz	130 kW / 37 Ton
Input Voltage	460 V, 3 ph, 60 Hz 380/420 V, 3 ph, 50 Hz
Full load amps	79 A
Height	78" (1981 mm)
Width	74" (1879 mm)
Depth	34" (863 mm)
Weight, empty	2000 lbs (907 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.

Liebert Corporation

1050 Dearborn Drive
P.O. Box 29186
Columbus, Ohio 43229
800 877 9222 Phone (U.S. & Canada Only)
614 888 0246 Phone (Outside U.S.)
614 841 6022 FAX

Via Leonardo Da Vinci 8
Zona Industriale Tognana
35028 Piove Di Sacco (PD)
Italy
39 049 9719 111 Phone
39 049 5841 257 FAX

Emerson Network Power Asia Pacific
7/F., Dah Sing Financial Centre
108 Gloucester Rd, Wanchai
Hong Kong
852 25722201 Phone
852 28029250 FAX

liebert.com

24 x 7 Tech Support

800 222 5877 Phone
614 841 6755 (outside U.S.)

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