

LIEBERT® XDP™ PUMPING UNIT WITH LIEBERT iCOM™ CONTROLS

Supports Liebert XD Smart Modules



BENEFITS

Reliability

- Can cool more than 30 kW per rack
- Supports Smart Module or Standard configurations of Liebert XD Modules
- Uses pumped refrigerant, which is ideal for use around electronic equipment
- Includes redundant pumps, for increased reliability
- The packaged unit includes Enclosure, Pumps, Heat Exchanger, Receiver Tank, Liebert iCOM Controls, Valves and Piping

Flexibility

- The Liebert iCOM control system features maintenance history, spare parts list, Liebert IntelliSlot® for up to two cards (web compatibility and BMS), and comprehensive monitoring
- Complements Liebert room-based precision cooling units
- Scalable system allows easy addition of additional cooling modules

Low Total Cost of Ownership

- Provides superior cost for cooling per high heat density rack
- Highly energy efficient

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

The system can cool more than 30 kW per rack and utilizes pumped refrigerant, which is ideal for use around electronic equipment.

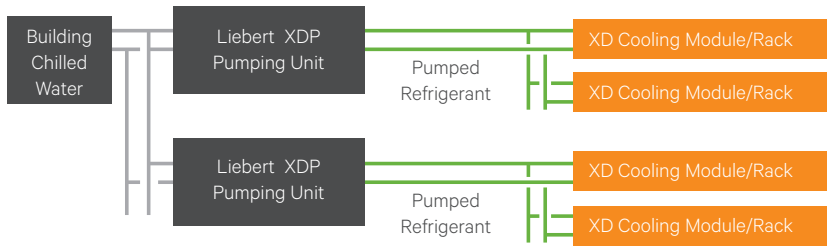
Liebert XDP is specifically designed to provide cooling fluid to Liebert XD modules. The Liebert XDP is an interface between the pumped refrigerant circuit and the building chilled water system. It circulates the refrigerant to the Liebert XD modules while maintaining the refrigerant at a temperature always above the actual dewpoint.



Liebert iCOM increases reliability and system control

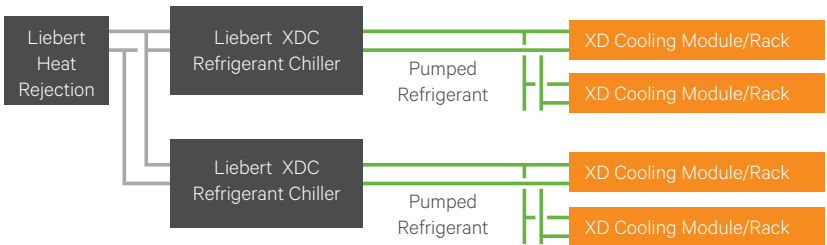
TECHNICAL DATA	
Nominal Capacity, 60 Hz	160 kW / 46 Ton
Nominal Capacity, 50 Hz	140 kW / 40 Ton
Physical	
Height :	78" (1981 mm)
Width :	38" (965 mm)
Depth :	34" (864 mm)
Weight (empty) :	821 lbs (372 kg)
Input Voltage	
	208 V, 3 ph, 60 Hz
	460 V 3 h 60 Hz
	380/415 V, 3 ph, 50 Hz
Full load amps	
	2.1 A @ 460 V, 3 ph, 60 Hz
	2.3 A @ 380/420 V, 3 ph, 50 Hz

Indirect system configuration



The Liebert® XDP™ Pumping Unit is utilized as an interface between the pumped refrigerant circuit and the chilled water system.

Direct system configuration



The indoor Liebert XDC Refrigerant Chiller is specifically designed to support the Liebert XD cooling modules. The XDC connects directly to the modules through the pumped refrigerant circuit. Both the XDC and the XDP units circulate the refrigerant to the XD modules, while maintaining the refrigerant at a temperature always above the actual dewpoint.