

# LX-Series Chillers

TECHNICAL DATA



Over 50 years of experience in the design, manufacture, and support of water chillers has led to the LX-Series. No other laboratory chiller is as technically advanced and purposefully designed.



## QUALITY AND CERTIFICATIONS

- Factory performance test under full load
- ETL/CETL labeled per UL/CSA standards
- CE marked
- SEMI-S2 designs and certification available upon request

## ADVANCED FEATURES

- Rotary compressor
- Regenerative turbine pump
- Pump bypass/relief valve
- Electronically controlled gas bypass system
- Models LX1, LX2, and LX3 available in air-cooled and water-cooled designs

HASKRIS  
100 Kelly Street  
Elk Grove Village  
Illinois 60007 USA

Ph: +1-847-956-6420  
F: +1-847-956-6595  
Email: sales@haskris.com

[www.haskris.com](http://www.haskris.com)

# LX-Series Chillers

## TECHNICAL DATA

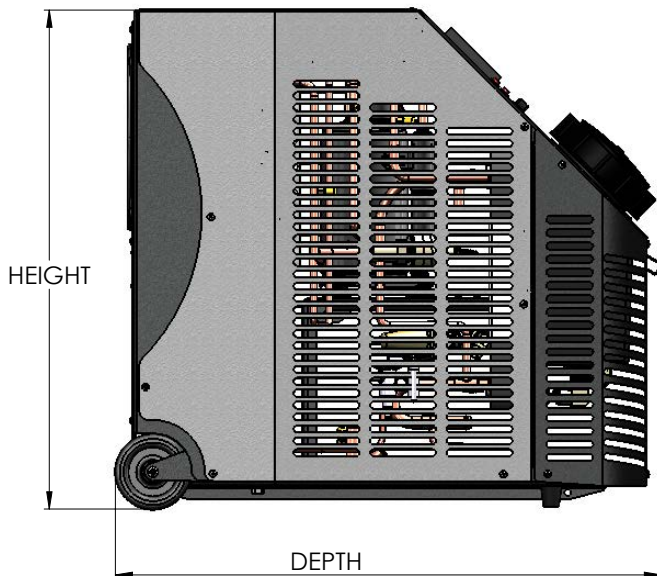


MODEL		COOLING CAPACITY*	REFRIGERATION CIRCUIT		FLUID CIRCUIT				DIMENSIONAL DATA AND WEIGHT**		POWER REQUIREMENTS***		
		BTU/hr (kW)	Compressor HP	Refrigerant	Flow Rate GPM (LPM)	Pump HP	Connection Size Inches (NPT)	Reservoir Volume Gallons (Liters)	Fluid Temp. Stability	W x D x H Inches (cm)	Weight lbs (kg)	115V-1Ø-60Hz MCA/MOCP	208/230V-1Ø-60Hz MCA/MOCP
LX005	Air Cooled	2,047 (0.6)	1/4	134a	1 (3.8)	1/3	1/2	3 (11.5)	± 1.0°C	18 X 23 X 27 (26 X 59 X 69)	165 (75)	12.5/15	N/A
	Water Cooled	6,824 (2.0)	1/2	407C	1.5 (5.6)	1/3	1/2	1.4 (5.3)	± 0.05°C	15 X 30 X 27 (39 X 77 X 69)	183 (83)	13.4/15	N/A
LX1	Air Cooled	6,824 (2.0)	1/2	407C	1.5 (5.6)	1/3	1/2	1.4 (5.3)	± 0.05°C	15 X 30 X 27 (39 X 77 X 69)	185 (84)	13.0/15	N/A
	Water Cooled	11,601 (3.4)	1	407C	3.5 (13.2)	1/3	1/2	1.4 (5.3)	± 0.05°C	15 X 30 X 27 (39 X 77 X 69)	201 (92)	N/A	11.6/15
LX2	Air Cooled	12,966 (3.8)	1	407C	3.5 (13.2)	1/3	1/2	1.4 (5.3)	± 0.05°C	15 X 30 X 27 (39 X 77 X 69)	195 (89)	N/A	11.1/15
	Water Cooled	22,520 (6.6)	1.75	407C	3.5 (13.2)	1/3	1/2	2.4 (9.1)	± 0.05°C	19 X 30 X 33 (49 X 77 X 84)	272 (124)	N/A	18.3/25
LX3	Air Cooled	23,543 (6.9)	1.75	407C	3.5 (13.2)	1/3	1/2	2.4 (9.1)	± 0.05°C	19 X 30 X 33 (49 X 77 X 84)	254 (116)	N/A	16.6/25

\* Cooling capacities rated at sea level using water as the recirculating fluid at 68°F process setpoint with nominal operating voltage. Air-cooled units rated at 68°F ambient air temperature. Water-cooled chillers rated at 75°F condenser water temperature. Other fluids, process temperatures, ambient temperatures, altitude, or operating voltages will affect capacity. Specifications subject to change.

\*\* LX units require 6 inches of clearance on the front and sides and 2 inches of clearance on top for optimal performance.

\*\*\* Alternate power options available upon request including 50Hz designs and universal 50Hz/60Hz designs. Please contact Haskris.



**HASKRIS**  
100 Kelly Street  
Elk Grove Village  
Illinois 60007 USA

Ph: +1-847-956-6420  
Fx: +1-847-956-6595  
Email: sales@haskris.com

[www.haskris.com](http://www.haskris.com)