

# Benchtop Chillers - LS Series

LS

## Key Specifications

Working Temperature:	-20° to 40°C
Temperature Stability:	±0.1°C
Power Requirements:	120V, 60Hz, 1 phase, 12 amps
Reservoir Capacity (gallons/liters):	0.7 (2.65)
Overall dimensions (L x W x H):	23.9 x 10 x 19" (60.7 x 25.4 x 48.3 cm)
Refrigerant type:	R404a
Process Connections:	1/2" female NPT



Pump Type	Centrifugal	Centrifugal	Turbine
Cooling Capacity <sup>1</sup> @ 20°C (watts)	1160	1290	900
Maximum Pressure psi (bar)	9.0 (0.6)	14.5 (1.0)	43.4 (3.0)
Maximum Flow gpm (l/min)	3.9 (14.8)	3.5 (13.2)	2.6 (9.8)
Part number 120 VAC/60Hz	LS51M11A110C	LS51MX1A110C	LS51TX1A110C

- Optimized for high performance at low temperatures
- WhisperCool® Environmental Control System
- Large, easy to read LED display
- Space-saving design
- Cooling at ambient temperatures as high as 35°C
- Low flow shutoff and alarm, high and low temperature alarms
- Simple setup, operation, and maintenance
- Choice of pumps
- Fluid level indicator



Front mounted fluid level gauge lets you quickly determine if coolant needs to be added to the reservoir.