

Liebert® SRC™ Mini-Split Cooling System

Cost-Effective Cooling for Small Spaces

The Liebert® SRC™ is a simple, high efficiency, easy to install cooling system for small IT and network spaces that require 1.5 to 3.0 tons of cooling.

Its benefits include:

- Industry leading energy efficiency
- Fast deployment and low-cost installation
- Simple BMS connectivity
- Advanced monitoring and system control

As with all Emerson cooling solutions, the Liebert SRC system is backed by local customer engineers with decades of data center experience and the industry's largest network of factory-trained service technicians.



Liebert SRC Mini-Split Cooling System

Advanced Controls Reduce Risk, Improve Productivity

The Liebert SRC is compatible with the optional Liebert iCOM™ CMS available January 2017. The iCOM CMS is an advanced thermal monitoring and control system designed to improve uptime, efficiency and visibility in remote locations. The iCOM CMS can be installed in less than 30 minutes and offers the following features and functionality:

- Simple BMS connectivity via BACNet and Modbus
- Remote monitoring through mobile app
- Alarms, warnings and push notifications via SMS and SMTP
- Issue resolution workflow tracking communication
- Remote set-up and control behind secure firewall
- Advanced reliability and uptime controls for auto failover, lead lag, and multi-unit cascading

Less Risk

- Year-round cooling
- Real-time remote monitoring and alarming
- Easy to service and maintain

Industry Leading Energy Efficiency

- Highest industry SEER and EER ratings
- Variable speed rotary compressor and multi speed fans reduce energy consumption

Advanced Monitoring and BMS Connectivity

- Visibility into room conditions and system operation via local display, web and mobile application
- Simple BMS Connectivity via BACNet and Modbus

Fast, Simple Installation

- Less expensive and faster to deploy, compared to ducted systems
- Supported by Liebert trained and certified contractors



Mobile Application



Web

The iCOM™ CMS provides visibility and alarm management for the Liebert SRC from any mobile device, desktop computer or BMS system.



BMS

Liebert® SRC™ Mini-Split Cooling System

	SRC18	SRC24	SRC36
Capacity			
Rated Total Capacity/Sensible Capacity (Btu/h) ¹	18,200/14,650	22,000/17,030	33,000/25,550
Cooling Capacity (Min/Max) (Btu/h)	3,070 to 29,515	3,070 to 29,515	3,070 to 34,000
Rated Total Heating Capacity ²	22,000	27,000	35,200
Heating Capacity (Min/Max) (Btu/h)	3,070 to 38,898	3,070 to 38,898	3,070 to 38,898
Operating Range			
Cooling (°F) - Standard / Optional ³	14°F to 118°F / 0°F to 118°F	14°F to 118°F / 0°F to 118°F	14°F to 118°F / 0°F to 118°F
Heating (°F)	-4°F to 65°F	-4°F to 65°F	-4°F to 65°F
AHRI Efficiency Ratings			
EER/SEER/HSPF	12.6 / 20.5 / 9.7	12.5 / 21.5 / 11	8.2 / 17.5 / 10
Electrical Power Requirements			
Power Supply (V/Hz/Ø)	208-230/60/1	208-230/60/1	208-230/60/1
Indoor Unit			
Fan Type (Qty)	Cross Flow (1)	Cross Flow (1)	Cross Flow (1)
Moisture Removal (pts/h)	5.5	5.6	6.5
Outdoor Unit			
Compressor Type (Qty)	Twin Rotary (1)	Twin Rotary (1)	Twin Rotary (1)
Fan Type (Qty)	Propeller (1)	Propeller (1)	Propeller (1)
Fan Motor/Drive	Brushless Digitally Controlled/ Direct	Brushless Digitally Controlled/ Direct	Brushless Digitally Controlled/ Direct
Airflow Rate			
Indoor Unit Max/H/M/L (CFM)	735/622/509/399	848/706/530/459	848/706/530/459
Outdoor Unit Max (CFM)	2,119	2,119	2,119
Sound Pressure			
Indoor Unit Sound Pressure dB(A) (H/M/L/Sleep)	45/40/35/29	49/44/40/-	49/44/40/-
Outdoor Unit Sound Pressure dB(A)	53	55	55
Dimensions			
Indoor Unit W x H x D (in)	40-9/16 x 12-13/16 x 9-13/16	46-7/8 x 13-5/8 x 10-7/16	46-7/8 x 13-5/8 x 10-7/16
Outdoor Unit W x H x D (in)	34-1/4 x 31-1/2 x 12-19/32	34-1/4 x 31-1/2 x 12-5/8	34-1/4 x 31-1/2 x 12-5/8
Weight			
Indoor Unit Net/Shipping (lbs)	31/16	40/46	40/46
Outdoor Unit - Net/Shipping (lbs)	121/131	125/133	125/133
Piping			
Liquid Line (in, oD), Vapor Line (in, oD)	3/8", 5/8"	3/8", 5/8"	3/8", 5/8"
Condensation Line (oD, ID)	27/32, 5/8	27/32, 5/8	27/32, 5/8
Additional Refrigerant Charge (oz/ft)	0.38	0.38	0.38
Equivalent Pipe Length (Minimum/ Maximum)(ft)	9.84/98.4	164	164
Equivalent Piping Length (no add'l refrigerant, ft)	24.6	24.6	24.6
Max Elevation Difference (ft)	49.2	98.4	98.4

Optional Accessories

- Condensate pump
- Low Ambient Wind Baffle
- iCOM™ CMS

¹ Cooling rating conditions per AHRI Standard
Indoor: 80°F DB/67°F WB
Outdoor: 95°F DB/75°F WB

² Heating rating conditions per AHRI Standard
Indoor: 70°F DB/60°F WB
Outdoor: 47°F DB/43°F WB

³ Optional condition achieved by utilizing Wind Baffle Kit

Emerson Network Power – Global Headquarters

1050 Dearborn Drive
P.O. Box 29186
Columbus, Ohio 43229

EmersonNetworkPower.com

While every precaution has been taken to ensure accuracy and completeness in this literature, Liebert Corporation assumes no responsibility, and disclaims all liability for damages resulting from use of this information or for any errors or omissions. © 2016 Liebert Corporation. All rights reserved throughout the world. Specifications subject to change without notice. All names referred to are trademarks or registered trademarks of their respective owners. ® Liebert is a registered trademark of the Liebert Corporation. Emerson, Consider it Solved, Emerson Network Power and the Emerson Network Power logo are trademarks and service marks of Emerson Electric Co. ©2016 Emerson Electric Co

SL-18064
(R07/16) Printed in USA