

Quiet, Low Velocity Cooler

Air Defrost - 3,233 to 6,123 BTUH Capacity

Application - Opposite end or corner configurations, medium size rooms

Providing two way discharge and medium velocity air flow, LRC's Double Ended Quiet (DQ) Evaporator Units are coolers are designed for home or commercial walk-in wine, tobacco or fur storage rooms or other acoustically sensitive areas.

DQ's efficient, low rpm motors and ultra quiet fan blades reduce noise over standard commercial units. An added benefit is the ultra-efficient motor generates much less heat, reducing the cooling load in the room up to 50% over conventional units. Capacities range from 3,233 BTUH to 6,123 BTUH.

DQ Units can be used with R22, R134a, or R404a other refrigerants.

- Ideal for humidity sensitive and low noise applications
- Expansion valve and liquid line solenoid valve standard
- Provides maximum room humidity by maintaining a constant coil temperature, reducing the need for expensive temperature and humidity controls in most applications. Contact LRC for more details.
- Thermally protected, electrically commutated motor (ECM)
- High performance staggered coils, with copper tubing mechanically expanded into

aluminum collared fins

- Rust proof aluminum housing
- Factory wired for easy field installation
- Each unit is pressure tested to eliminate leaks
- Air defrosting coil requires no additional heater
- Coil and drain pan coated with LRCCoat™ anticorrosion coating
- ETL listed

Options Available— Call for details

- Copper coils and/or stainless steel cabinets available for harsh environments
- Custom or OEM units can be

made to your specifications

- Chilled water units available by special order

Our Application Engineers can help you design the system you need. Call us today, 562-944-1969, and we'll help you get the right LRC product for your project.

OUR UNCONDITIONAL GUARANTEE

We're proud of the workmanship that goes into every LRC product. Because of our exacting design and manufacturing standards, and our thorough testing prior to shipping, we unconditionally guarantee our products to be free from manufacturing defects for one year. You can count on LRC Coil for quality heat transfer products.

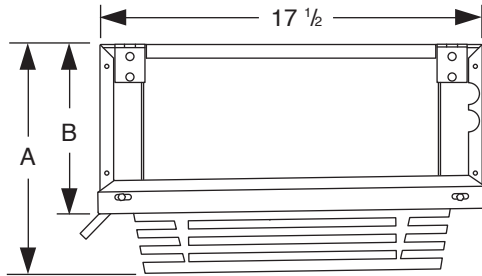
At LRC, we are continuously working to improve our products, therefore, we reserve the right to make changes without notice.

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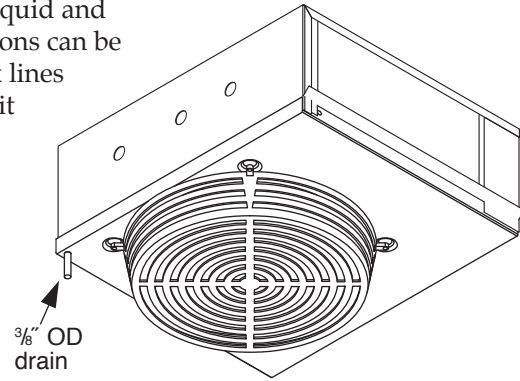


All dimensions are in inches

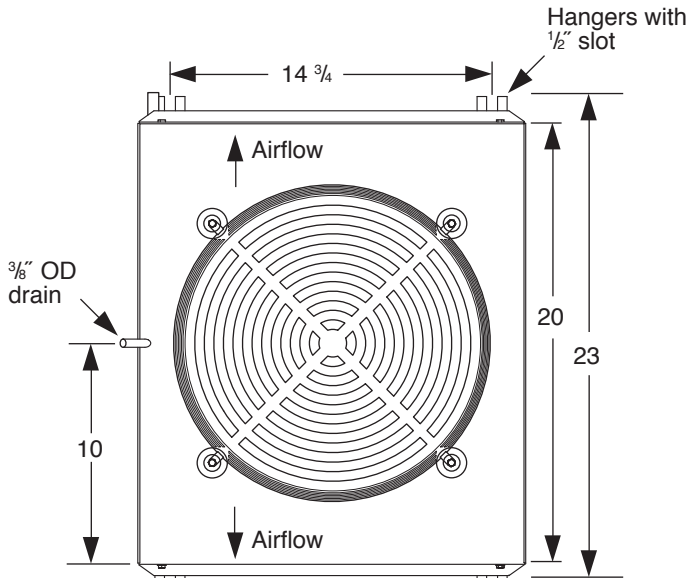
Please Note - Liquid and suction connections can be made using flex lines through any unit knock-out.



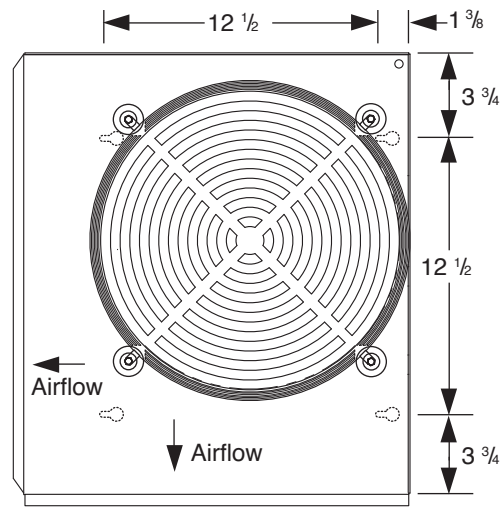
Side View



3-D Corner Unit



Standard Unit



Corner Unit

Visit www.lrccoil.com for Installation and Maintenance data and Wiring Diagrams.

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Our website has a Wine Room Capacity Calculator that instantly determines room loads and capacities, enabling you to know cooling equipment requirements based on your exact specifications. Visit LRCCoil.com for details.

Double Ended Quiet (DQ) Evaporator Specifications

Model Number	BTUH Cap @ +17° TD		Motor	Amps @ 115V	Fan	CFM	Connection Size (In)			Dim. (In)		Unit Wt.
	38° ST, R22	55° EAT, R134a					Liq.	Suct.	Drain	A	B	
DQ-207	3,233	3,246			10"	350				7 1/2	4 3/4	16
DQ-275	4,763	4,782	16 W	0.6	12"	465	3/8	1/2	3/8 OD	9 1/2	6 3/4	21
DQ-345	6,123	6,062			12"	580				10 1/2	7 3/4	28

For Corner Units, add "-C" after part number (i.e. DQ-275-C)
Expansion valve and liquid line solenoid valve standard

Please note:
LRC cooling units are designed to minimize noise and vibration. To reduce/eliminate amplification of existing noise or vibration, extreme care must be taken during installation. Please refer to supplied installation instructions and use proper installation materials to minimize acoustic impact.

The use of oversized condensing units can lead to poor wine room evaporator performance and possible system failure. When installing a LRC wine room evaporator, it is recommended that condensing units be sized LESS than or equal to the evaporator capacity. Contact LRC Coil's Application Engineers at 562-944-1969 for questions or assistance.