

Quiet, Low Velocity Cooler

Air Defrost - 1,463 to 7,577 BTUH Capacity

Applications - Small reach-ins, beverage coolers

**Extremely
Quiet
Unit**

LRC's Low Profile (LPA-Q) Quiet Unit Coolers are powerful, whisper quiet units in a slim, low profile cabinet. LPA-Q coolers are designed for home or commercial walk-in tobacco, wine, or fur storage rooms or other acoustically sensitive areas.

LPA-Q's efficient, low rpm motors and ultra quiet fan blades reduce noise compared to standard commercial units. The ultra-efficient motor(s) generate significantly less heat than a standard motor, reducing the cooling load in the room up to 50% over conventional units.

Efficient and dependable, LRC's LPA-Q units have capacities ranging from 1,463 BTUH to 7,577 BTUH and can be used with R22, R134a and R404a. LPA-Q units are simple to install, easy to maintain and will provide years of quiet, reliable service.

- Ideal for humidity sensitive and low noise applications
- Small cabinet maximizes available storage space
- Provides consistent room humidity by maintaining a steady coil temperature, reducing the need for expensive temperature and humidity controls in most applications.* Contact LRC for details.
- Thermally protected motors

* = Assumes areas surrounding the humidity controlled room are maintained to ASHRAE conditions of 80°/67°. For humidity controlled rooms with different surrounding conditions, please contact LRC.



- Expansion valve and liquid line solenoid valve standard
- High performance staggered coils, with tubing mechanically expanded into aluminum collared fins
- Units are pressure tested to eliminate leaks
- Rustproof all-aluminum cabinet. Flat black powder coated finish available. Call for details.
- Factory wired for easy field installation
- 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

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.

Visit www.lrccoil.com for installation and maintenance data, and wiring diagrams.

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.



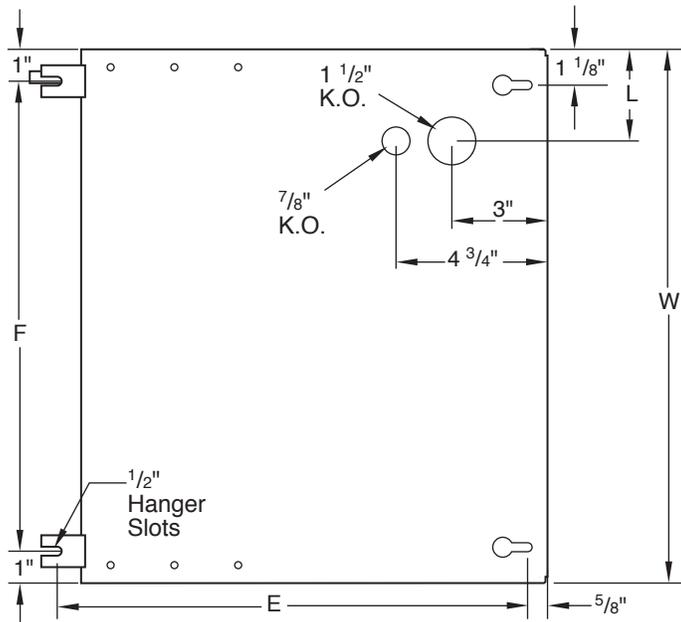
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LRC Low Profile Air Defrost, Quiet (LPA-Q)

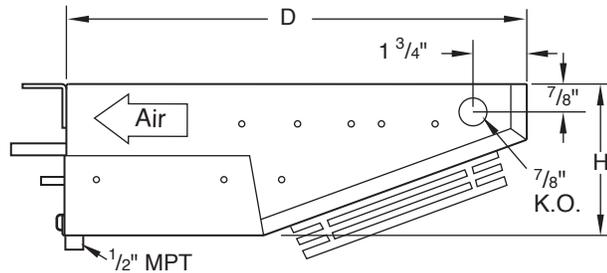
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TECHNICAL BULLETIN: LPAQ 112015 REV: F

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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.



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.



WARNING: The only harmful routes of exposure for this product is through inhalation and ingestion of this product. THIS PRODUCT IS NOT DESIGNED OR MEANT TO BE INHALED OR INGESTED. The only route of exposure that this product is meant for is dermal exposure (skin contact). Consumers face no significant risk to chemicals that are known to the State of California to cause cancer and/or reproductive harm from dermal exposure to this product. For more information, go to www.Prop65Warning.ca.gov.

Low Profile AIR Defrost Quiet Unit Cooler (LPA-Q) Physical Data

Model No.	Dimensions						Suction Con.	Unit Weight
	W	D	H	E	F	L		
LPA17-10-Q	16 3/4	14 1/2	4 3/4	14 3/4	14 3/4	2 3/4	3/8 OD	15
LPA17-13-Q	20 3/4	14 1/2	4 3/4	14 3/4	18 3/4	3 3/4	3/8 OD	18
LPA27-18-Q	24 1/4	14 1/2	4 3/4	14 3/4	22 1/4	11 3/4	3/8 OD	22
LPA27-23-Q	31 3/4	14 1/2	4 3/4	14 3/4	29 3/4	15 1/2	1/2 OD	29
LPA37-32-Q	40 1/4	14 1/2	4 3/4	14 3/4	38 1/4	6 3/4	1/2 OD	37
LPA47-42-Q	53 3/4	14 1/2	4 3/4	14 3/4	51 3/4	8 1/2	1/2 OD	45
LPA57-55-Q	53 3/4	16 1/2	6 3/4	16 3/4	51 3/4	5 1/4	1/2 OD	61

10" fan diameter. Liquid Connection is 3/8" OD. Drain Connection is 1/2" MPT. Expansion valve and liquid line solenoid valve standard

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

Low Profile AIR Defrost Quiet Unit Cooler (LPA-Q) Specs

Model No.	Fan Data		Motor* Amps 115V/1Ø	Cap. @ 17° TD 38° SST, 55°F EAT		
	# Fans	CFM		R22	R134a	R404a
LPA17-10-Q	1	180	0.4	1,463	1,493	1,476
LPA17-13-Q	1	220	0.4	1,834	1,837	1,809
LPA27-18-Q	1	250	0.4	2,228	2,309	2,280
LPA27-23-Q	1	275	0.4	2,983	2,924	2,963
LPA37-32-Q	2	460	0.8	4,759	4,812	4,793
LPA47-42-Q	2	500	0.8	5,805	5,801	5,780
LPA57-55-Q	2	575	0.8	7,577	7,572	7,533

* = EC motor standard. Do not add speed control or motor failure could result.

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.