

## 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. An added benefit is the ultra-efficient motor generates 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 all common refrigerants. 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 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.
- Expansion valve and liquid line solenoid valve standard



- Thermally protected motors
- High performance staggered coils, with tubing mechanically expanded into aluminum collared fins
- Units are pressure tested to eliminate leaks
- Rustproof all-aluminum cabinet.
- 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](http://www.lrccoil.com) for installation and maintenance data, and wiring diagrams.**

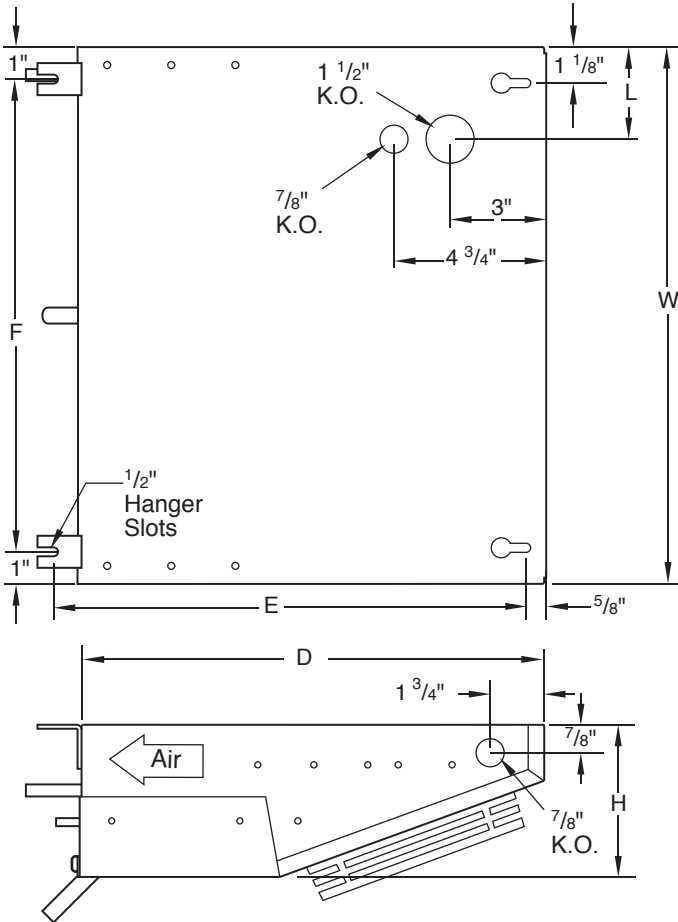
### **OUR UNCONDITIONAL GUARANTEE**

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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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](http://LRCCoil.com) for details.

**Visit [www.lrccoil.com](http://www.lrccoil.com) for Installation and Maintenance Data and Wiring Diagrams.**

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**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

8" fan diameter. Liquid Connection is 3/8" OD. Drain Connection is 1/2" OD. 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.

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

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