

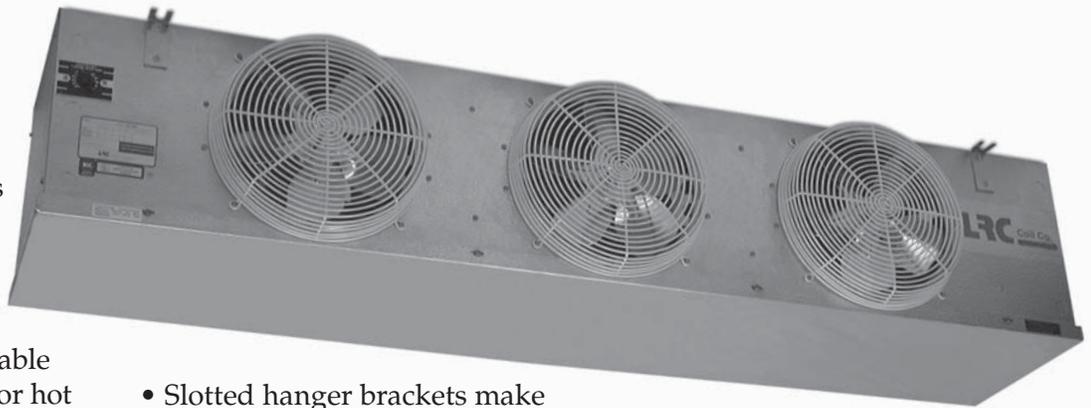
# Medium Velocity Unit Cooler

4,230 to 40,304 BTUH Capacity

LRC's Slim Line (SL) Units are powerful systems in a compact package, an excellent solution for small room installations. SL Units are designed for -30°F to 55°F applications, and range in capacity from 4,230 to 40,304 BTUH's.

With over 125 models available and integrated air, electric, or hot gas defrost systems, SL's are the right choice for small rooms that require maximum cooling.

- Ultra efficient ECM motors meet or exceed CA. energy standards
- Compact unit size maximizes usable storage space
- One to six fan models available for cooling or freezer applications
- Hinged drain pan, split coil and easy access heater(s) makes routine maintenance easy and allows heater elements to be changed from below the unit
- High performance staggered coils, with tubing mechanically expanded into aluminum collared fins provide maximum heat transfer and strength
- Drain connection is located on the back instead of the bottom to provide additional storage space under the unit
- Rust proof, all aluminum construction. Stainless steel cabinets and/or epoxy, polyester, or phenolic coatings are available for additional corrosion protection
- Side opening electrical panel is easily accessible and contains electrical connections pre-wired to screw type terminal blocks to make wiring simple



- Slotted hanger brackets make installation fast and easy
- Designed for direct expansion R-22, R-12, R-404A, R-502, and R-507 refrigerants. Specify refrigerant when ordering
- Thermally protected motor(s) and low noise fan blades
- Air defrost – available on all units. Recommended for coolers at +35° or more
- Hot Gas defrost for rooms below +35°F – includes an adjustable defrost termination and fan delay control so defrost can be set for specific applications. Hot Gas Reverse cycle also available, consult factory for details.
- Electrical defrost for rooms below +35°F – heater(s) located within the center of the coil provide a rapid and even defrost pattern. An adjustable defrost termination and fan delay control is available so defrost can be set for specific applications.
- NSF approved for flush to ceiling installation
- ETL certified

**Options Available—  
Call for details**

- 3 phase wiring configurations

- are available
- Custom circuiting for Glycol applications available
- Energy efficient motors are available to reduce power consumption
- Copper, or coated aluminum fins can be ordered for additional corrosion resistance
- Long air throw collars for large room applications
- Insulated drain pans
- Factory installed TXV's, solenoid valves, thermostats
- OEM or customized units are available. Call factory for details

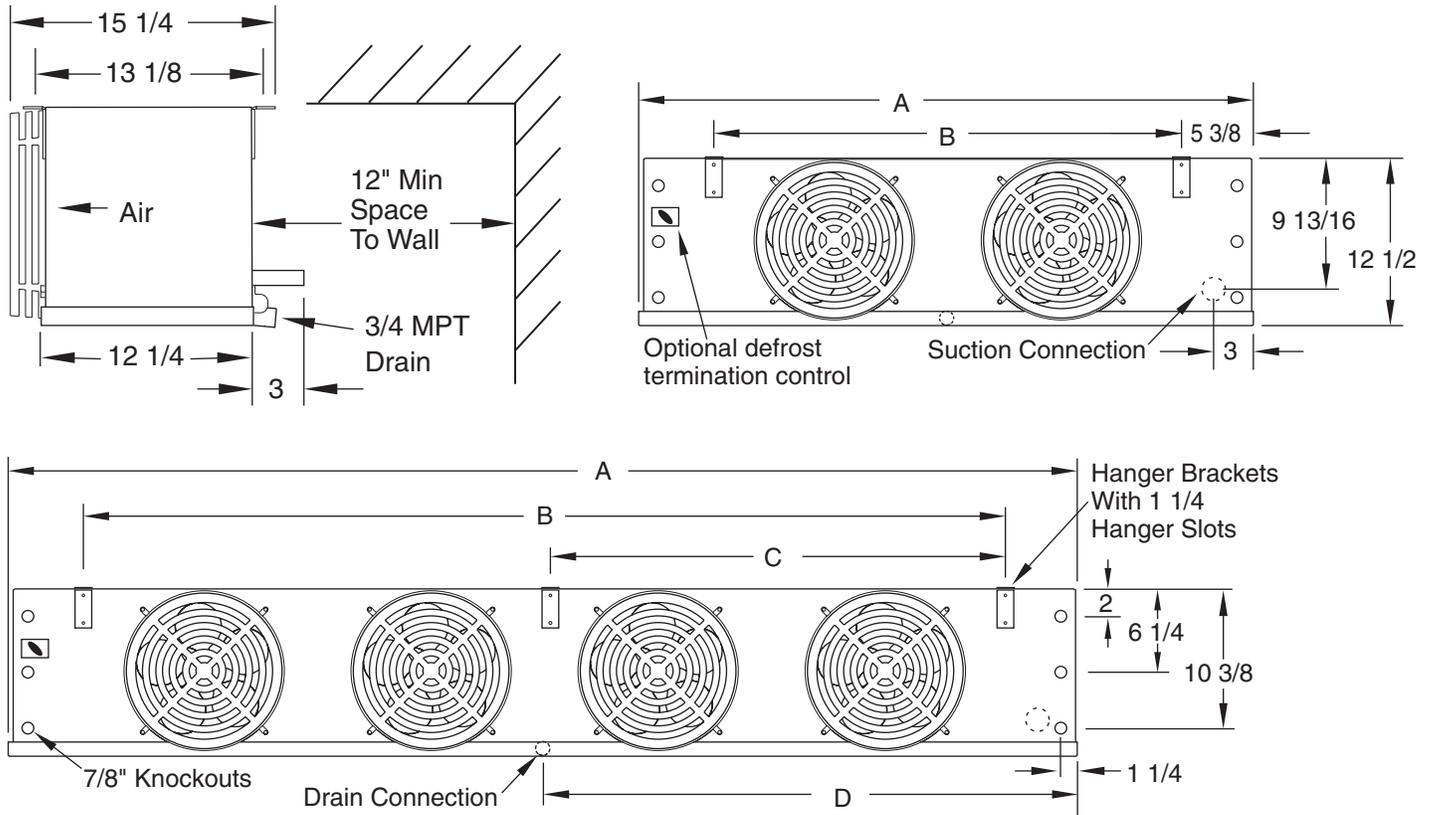
**Product Number  
Designation Example**

SL\*56-227 =  
SL = Slim Line  
\* = A (Air defrost), E (Electric defrost), or H (Hot Gas defrost)  
5 = Number of fans  
6 = Fins per inch  
-227 = BTUH's at -20°F ST (freezer units) or BTUH's at +25°F ST/10°F TD (cooler units)

**Visit [www.lrccoil.com](http://www.lrccoil.com) for installation and maintenance data, and wiring diagrams.**



All measurements are in inches



**Slim Line (SL) Unit Physical Data**

# Fans	Motor Amps		Electric defrost specs		Dimensions (Inches)			
	115 1Ø	208/230 1Ø	208/230 1Ø	Defrost Watts	A	B	C	D
1 Fan	0.6	0.3	4.8	1,100	28 3/4	18	-	14 3/8
2 Fans	1.2	0.6	8.3	1,900	45 3/4	35	-	22 7/8
3 Fans	1.8	0.9	11.3	2,600	62 3/4	52	-	31 3/8
4 Fans	2.4	1.2	16.5	3,800	79 3/4	69	34	39 7/8
5 Fans	3.0	1.5	19.6	4,500	96 3/4	86	34	48 3/8
6 Fans	3.6	1.8	22.6	5,200	113 3/4	103	51	56 7/8

Fan diameter is 10". 16 watt fan motors.

460 VAC motors and 115 or 460 VAC defrost systems are available, call factory for details

3Ø configurations can be ordered. Contact factory for information

**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.

# Cooler Units

## Air (A), Electric (E), or Hot Gas (H) Defrost

### 4 Fins per Inch

Cooler connection sizes are based on R22 @ +25 ST, 10TD

If installation conditions are different from those listed, connection sizes and quantity may vary—call LRC's Application Engineers for more information.

Model No.	Fan Data		Ref. Connections		BTUH Capacity @		Unit Weight (lbs)	
	QTY	CFM	Liquid	Suction	25°F ST (R22, R404A) 10°F TD	12°F TD	A Units	E/H Units
SL*14-42	1	725		5/8	4,220	5,064	33	35
SL*24-68	2	1,500		5/8	6,791	8,149	48	52
SL*24-84	2	1,450		5/8	8,450	10,140	54	58
SL*34-102	3	2,250	1/2	7/8	10,151	12,181	67	73
SL*34-126	3	2,175		7/8	12,589	15,107	75	81
SL*44-134	4	3,000		7/8	13,449	16,139	87	95
SL*44-169	4	2,900		7/8	16,910	20,292	97	105
SL*54-211	5	3,625		7/8	21,086	25,303	116	126
SL*64-252	6	4,350		1 1/8	25,212	30,254	137	149

Replace "\*" with A (for air defrost), E (for electric defrost), or H (for hot gas defrost) when ordering  
Hot Gas Units - External Equalizer - 1/4", Hot Gas Side Port - 1/2"

### 6 Fins per Inch

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.

Model No.	Fan Data		Ref. Connections		BTUH Capacity @		Unit Weight (lbs)	
	QTY	CFM	Liquid	Suction	25°F ST (R22, R404A) 10°F TD	12°F TD	A Units	E/H Units
SL*16-41	1	700		5/8	4,061	4,873	31	36
SL*16-50	1	685		5/8	4,974	5,969	34	38
SL*26-60	2	1,450		5/8	6,048	7,258	45	49
SL*26-77	2	1,450		5/8	7,680	9,216	45	49
SL*26-81	2	1,400	1/2	5/8	8,102	9,722	51	55
SL*26-99	2	1,370		7/8	9,904	11,885	57	61
SL*36-149	3	2,055		7/8	14,897	17,876	80	86
SL*46-162	4	2,800		7/8	16,212	19,454	92	100
SL*46-197	4	2,740		7/8	19,650	23,580	103	111
SL*56-247	5	3,425		1 1/8	24,701	29,641	124	134
SL*66-298	6	4,110		1 1/8	29,801	35,761	148	160

Replace "\*" with A (for air defrost), E (for electric defrost), or H (for hot gas defrost) when ordering  
Hot Gas Units - External Equalizer - 1/4", Hot Gas Side Port - 1/2"

### 8 Fins per Inch

Model No.	Fan Data		Ref. Connections		BTUH Capacity @		Unit Weight (lbs)	
	QTY	CFM	Liquid	Suction	25°F ST (R22, R404A) 10°F TD	12°F TD	A Units	E/H Units
SL*18-45	1	685		5/8	4,489	5,387	32	37
SL*18-54	1	670		5/8	5,407	6,488	36	41
SL*28-90	2	1,370		5/8	8,987	10,784	53	57
SL*28-108	2	1,340		7/8	10,833	13,000	60	64
SL*38-134	3	2,055	1/2	7/8	13,406	16,087	75	81
SL*38-163	3	2,010		7/8	16,300	19,560	85	91
SL*48-180	4	2,740		7/8	17,983	21,580	97	105
SL*48-217	4	2,680		7/8	21,684	26,021	110	118
SL*58-270	5	3,350		1 1/8	27,008	32,410	133	143
SL*68-322	6	4,020		1 1/8	32,244	38,693	158	170

Replace "\*" with A (for air defrost), E (for electric defrost), or H (for hot gas defrost) when ordering  
Hot Gas Units - External Equalizer - 1/4", Hot Gas Side Port - 1/2"

# Freezer Units

## Electric (E) or Hot Gas (H) Defrost

### 4 Fins per Inch

Model No.	Fan Data		Ref. Connections		BTUH Capacity @ 10°F TD (R22, R404A)				Unit Weight (lbs) E/H Units
	QTY	CFM	Liquid	Suction	-30°F ST	-20°F ST	-10°F ST	+10°F ST	
SL*14-37	1	725		5/8	3,305	3,733	3,889	4,375	35
SL*24-59	2	1,500		7/8	5,228	5,905	6,151	6,920	52
SL*24-78	2	1,450		7/8	6,618	7,475	7,786	8,759	58
SL*34-89	3	2,250	1/2	7/8	7,901	8,923	9,295	10,457	73
SL*34-111	3	2,175		1 1/8	9,870	11,147	11,611	13,062	81
SL*44-118	4	3,000		1 1/8	10,479	11,835	12,328	13,869	95
SL*44-147	4	2,900		1 1/8	13,023	14,708	15,321	17,236	105
SL*54-187	5	3,625		1 1/8	16,519	18,657	19,434	21,863	126
SL*64-233	6	4,350		1 1/8	19,763	22,320	23,250	26,156	149

Replace "\*" with either E (for electric defrost) or H (for hot gas defrost) when ordering  
Hot Gas Units - External Equalizer - 1/4", Hot Gas Side Port - 1/2"

### 6 Fins per Inch

Model No.	Fan Data		Ref. Connections		BTUH Capacity @ 10°F TD (R22, R404A)				Unit Weight (lbs) E/H Units
	QTY	CFM	Liquid	Suction	-30°F ST	-20°F ST	-10°F ST	+10°F ST	
SL*16-35	1	700		5/8	3,129	3,534	3,681	4,141	33
SL*16-44	1	685		5/8	3,865	4,365	4,547	5,115	36
SL*26-51	2	1,450		5/8	4,539	5,126	5,340	6,008	49
SL*26-70	2	1,400		7/8	6,176	6,975	7,266	8,174	55
SL*26-87	2	1,370	1/2	7/8	7,741	8,743	9,107	10,245	61
SL*36-130	3	2,055		1 1/8	11,520	13,011	13,553	14,063	86
SL*46-140	4	2,800		1 1/8	12,385	13,988	14,571	16,392	100
SL*46-176	4	2,740		1 1/8	15,555	17,568	18,300	20,588	111
SL*56-218	5	3,425		1 1/8	19,312	21,811	22,720	25,560	134
SL*66-261	6	4,110		1 1/8	23,082	26,069	27,155	30,549	160

Replace "\*" with either E (for electric defrost) or H (for hot gas defrost) when ordering  
Hot Gas Units - External Equalizer - 1/4", Hot Gas Side Port - 1/2"

Freezer connection sizes are based on R-404A @ -20° ST, 10°TD.

If installation conditions are different from those listed above, connection sizes and quantity may vary - call LRC's Application Engineers for more information.

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- Wiring diagrams

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