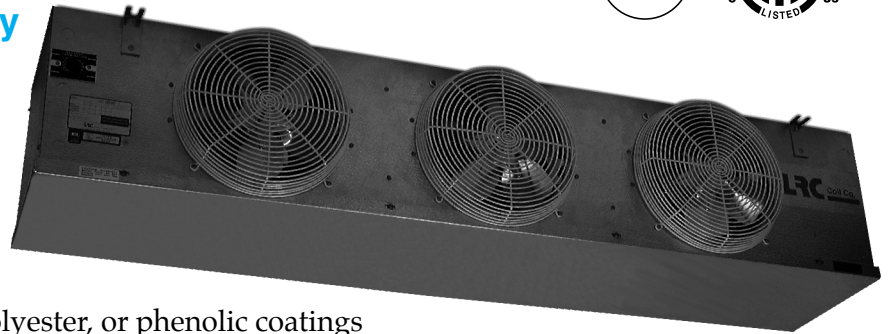


Medium Velocity Unit Cooler

12,315 to 41,831 BTUH Capacity



LRC's Medium Profile ("MP") Unit Coolers are powerful cooling/freezing systems in a compact package, a smart choice for mid-size walk-in installations. "MP" coolers/freezers are designed for -30°F to 55°F applications, and range in capacity from 12,315 to 41,831 BTUH's. With a wide variety of "MP" models available and integrated air, electric, or hot gas defrost systems, LRC's "MP" units are the right choice for medium sized rooms that require maximum cooling.

- Two to four fan models available for cooler 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
- 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
- Thermally protected motor(s) and low noise fan blades
- NSF approved for flush to ceiling installation
- ETL certified

- Insulated drain pans
- Copper or coated aluminum fins for added corrosion resistance
- 8 FPI units are available
- OEM or customized units are available. Call factory for details

Options Available— Call for details

- 3Ø and/or 460V power
- Factory installed TXV's and/or solenoid valves
- Reverse pitch fan blades

Nomenclature

MP*36-291 =

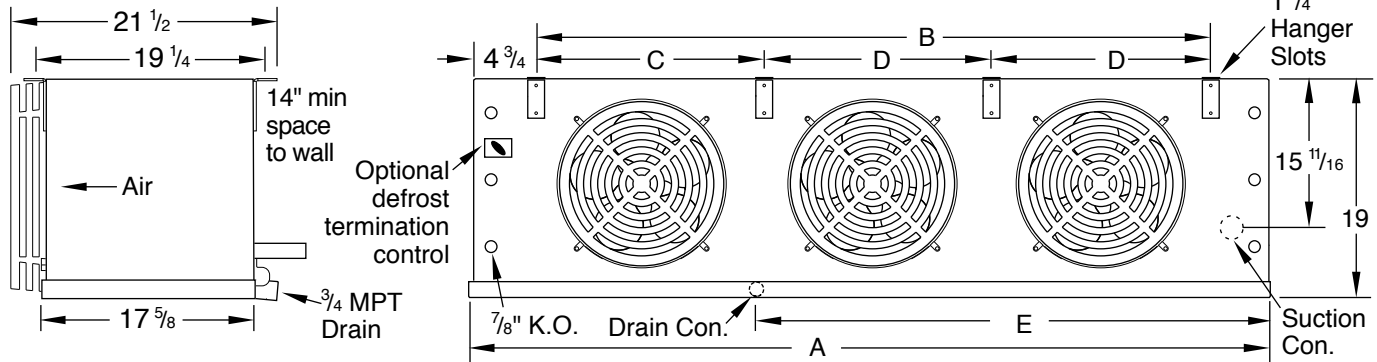
MP = Medium Profile

* = A (Air defrost), E (Electric defrost), or H (Hot Gas defrost)

3 = Number of fans

6 = Fins per inch

-291 = BTUH's (x100) at -20°F ST (freezer units) or BTUH's at +25°F ST/10°F TD (cooler units)



Medium Profile (MP) Unit Physical Data

All measurements are in inches

# Fans	Motor Amps		Defrost Amps 208/230 1Ø	Defrost Watts	Dimensions (Inches)					Hangers
	115 1Ø	208/230 1Ø			A	B	C	D	E	
2 Fans	7.2	3.6	8.9	2,050	61 1/2	52	-	-	30 3/4	4
3 Fans	10.8	5.4	15.2	3,500	78 1/2	69	23 11/16	22 11/16	39 1/4	8
4 Fans	14.4	7.2	19.4	4,448	112 1/2	113	52	51	56 1/4	6

Fan diameter is 14". 1/4 H.P. fan motors.

460V and/or 3Ø motors and 115 or 460 VAC defrost systems are available, call factory for details

Cooler Units

Air Defrost

4 Fins per Inch

Model No.	Fan Data		Ref. Con.		BTUH Cap. @ 25°F ST (R22, R404A)		Unit Wt (lbs)
	QTY	CFM	Liq.	Suc.	10°F TD	12°F TD	
MPA24-182-***	2	4,500	5/8	7/8	16,400	19,680	134
MPA34-246-***	3	5,950	5/8	1 1/8	24,600	29,520	168
MPA44-343-***	4	7,940	5/8	1 1/8	34,320	41,184	219

Replace "****" with 115V or 230V when ordering. For 3Ø or 460V, consult factory. Coolers with Electric or Hot Gas defrost also available. Call factory for details.

6 Fins per Inch

Model No.	Fan Data		Ref. Con.		BTUH Cap. @ 25°F ST (R22, R404A)		Unit Wt (lbs)
	QTY	CFM	Liq.	Suc.	10°F TD	12°F TD	
MPA26-207-***	2	3,900	5/8	7/8	20,700	24,840	207
MPA36-291-***	3	5,895	5/8	1 1/8	29,100	34,920	219
MPA46-418-***	4	7,940	5/8	1 1/8	41,831	50,197	237

Replace "****" with 115V or 230V when ordering. For 3Ø or 460V, consult factory. Coolers with Electric or Hot Gas defrost also available. Call factory for details.

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

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

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

Freezer Units

Electric (E) or Hot Gas (H) Defrost

4 Fins per Inch

Model No.	Fan Data		Ref. Con.		BTUH Cap. @ 10°F TD (R22, R404A)			Unit Wt (lbs)
	QTY	CFM	Liq.	Suc.	-30°F ST	-20°F ST	-10°F ST	
MP*24-164-***	2	4,100	5/8	1 1/8	15,600	16,093	16,421	129
MP*34-230-***	3	5,950	1 1/8	1 3/8	21,850	22,540	23,000	172
MP*44-325-***	4	7,950	1 1/8	1 5/8	30,885	31,860	32,510	223

Replace "*" with either E (for electric defrost) or H (for hot gas defrost) when ordering
 Replace "****" with 115V or 230V when ordering. For 3Ø or 460V, consult factory
 Hot Gas Units - External Equalizer - 1/4", Hot Gas Side Port - 1/2"

6 Fins per Inch

Model No.	Fan Data		Ref. Con.		BTUH Cap, @ 10°F TD (R22, R404A)			Unit Wt (lbs)
	QTY	CFM	Liq.	Suc.	-30°F ST	-20°F ST	-10°F ST	
MP*26-188-***	2	3,900	5/8	1 1/8	17,908	18,473	18,850	138
MP*36-268-***	3	5,895	1 1/8	1 3/8	25,474	26,279	26,815	184
MP*46-378-***	4	7,810	1 1/8	1 5/8	35,930	37,065	37,821	241

Replace "*" with either E (for electric defrost) or H (for hot gas defrost) when ordering
 Replace "****" with 115V or 230V when ordering. For 3Ø or 460V, consult factory
 Hot Gas Units - External Equalizer - 1/4", Hot Gas Side Port - 1/2"

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

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