

# Rapid Freeze Large Capacity

## AC Condensing Units

COOL SOLUTIONS SINCE 1912

## HOWE Proven. Best Choice.

Howe's LA77 & LA102 series condensing units are sized and configured to match Howe Rapid Freeze ice flakers. These units are designed for unexcelled quality, reliability, and long life. They are durable, energy efficient and they provide a high degree of flexibility to a wide diversity of industrial applications.

### STANDARD FEATURES

- High efficiency Copeland semi-hermetic compressors with POE Oil.
- Thermally protected permanently lubricated ball bearing condenser fan motors.
- Electrical controls including compressor contactor and ice flaker interconnect wiring are located easily accessible control box with hinged cover.
- Head pressure control system
- Suction & liquid vibration eliminators.
- Liquid line filter-drier and sight glass.
- Vertical discharge condensers.

### SPECIAL FEATURES

- Suction Accumulator
- Oil Separator with oil return line.
- Separate high pressure, low pressure control switches
- Heater & insulation on receiver (Std amb., not included with moderate units).

### OPTIONAL FEATURES

- Coated condenser coils for harsh environments.
- Oversized condensing units rated for 110°F ambient conditions.



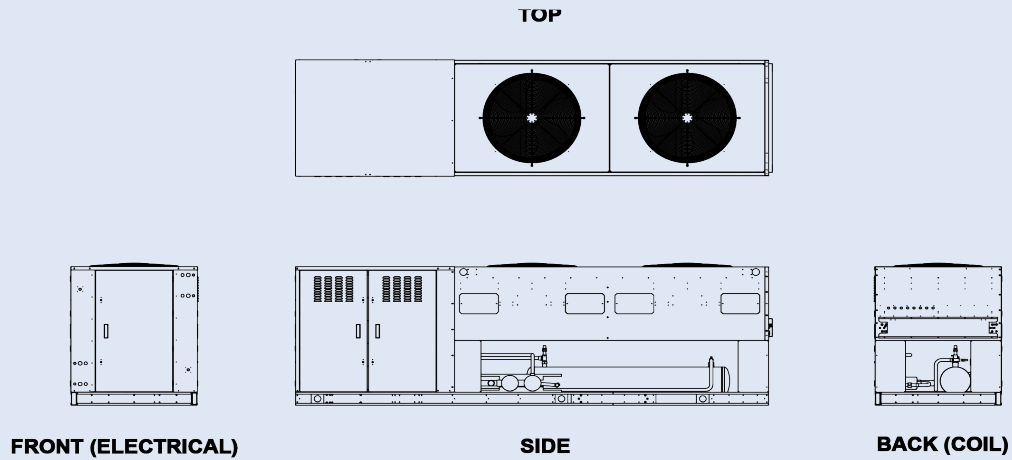
LA77-A-R404A-1 shown.

### RAPID FREEZE APPLICATIONS

- Produce Harvesters
- Produce Wholesalers
- Produce Markets
- Industrial Bakeries
- Seafood Processors
- Seafood Distributors
- Meat Processors
- Sausage Processors
- Poultry Processors
- Concrete Cooling
- Amusement Parks
- Industrial Catering

# 77 & 102 Series

AC Condensing Units



## CONDENSING UNIT

MODEL	DIMENSIONS			CM W	D	H	CONDENSING UNIT CONNECTION SIZES		REQUIRED RUN LINE SIZES		SHIPPING WEIGHT	
	IN W	D	H				SUCTION	LIQUID	SUCTION	LIQUID	LBS	KG
LA77-A-R404A-*	167-1/8	44-3/4	55	424	114	140	2-1/8	1-1/8	2-1/8	7/8	2200	999
LA102-A-R404A-*	167-1/8	44-3/4	55	424	114	140	2-1/8	1-1/8	2-5/8	1-1/8	2290	1040

\*= 1 for 230/3/60, 2 for 380/3/50, 3 for 460/3/60, 4 for 575/3/60

## ELECTRICAL R-404A

VOLTAGE	MODEL	COMPRESSOR		CONDENSER FAN MOTORS			UNIT AMPS	MCA	MOP
		RLA	LRA	QNT.	WATTS	FLA (EACH)			
208-230/3/60	LA77-A-R404A-1	80.7	450	2	3700	6.6	93.9	114.1	175
	LA102-A-R404A-1	95.6	470	2	3700	66	108.8	132.7	225
460/3/60	LA77-A-R404A-3	40.4	225	2	3700	3.1	46.6	56.7	90
	LA102-A-R404A-3	47.8	235	2	3700	3.1	54	65.9	110
575/3/60	LA77-A-R404A-4	32.5	172	2	3700	2.5	37.5	45.6	70
	LA102-A-R404A-4	39.6	200	2	3700	2.5	44.6	54.5	90
380/3/50	LA77-A-R404A-2								
	LA102-A-R404A-2								

Electrical specs for 102-RHS are same as 101-RHS. 102-RHS has two separate refrigeration circuits. Suction accumulator is provided with Howe furnished condensing unit.