

Rapid Freeze Large Capacity

50-60 Hz 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 semi-hermetic compressors with POE Oil.
- Thermally protected permanently lubricated ball bearing condenser fan motors.
- Electrical controls in weatherproof control box with compressor contactor and fused control circuit.
- Head pressure control system
- Suction & liquid vibration eliminators.
- Liquid line filter-drier and sight glass.
- Vertical discharge condensers.

SPECIAL FEATURES

- Pumpdown toggle switch
- 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.



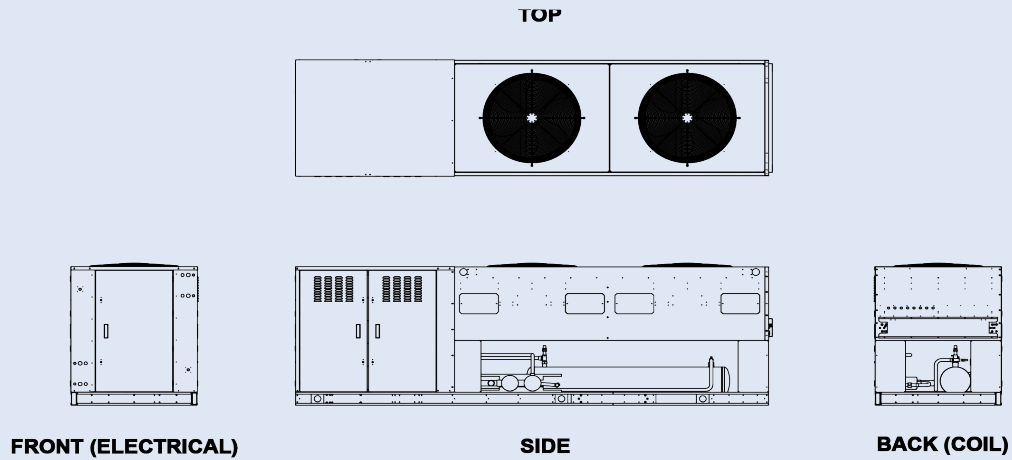
LA77-A-R404A-1 shown.

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 IN			CM			CONDENSING UNIT CONNECTION SIZES		REQUIRED RUN LINE SIZES		REC CAP LBS	SHIPPING WEIGHT	
	W	D	H	W	D	H	SUCTION	LIQUID	SUCTION	LIQUID		LBS	KG
LA77-A-R4**A-*	167-3/8	44-3/4	55	425	114	140	2-1/8	1-1/8	2-1/8	7/8	124	2510	1141
LA77-A-R4**A-2	167-3/8	44-3/4	55	425	114	140	2-1/8	1-1/8	2-1/8	7/8	157	2600	1182
LA102-A-R4**A-*	167-3/8	44-3/4	55	425	114	140	2-1/8	1-1/8	2-5/8	1-1/8	157	2600	1182

*= 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
		MFG	#	RLA (EA)	LRA (EA)	QNT.	WATTS	FLA (EACH)			
208-230/3/60	LA77-A-R404A-1	C	1	95.6	470	2	3700	6.6	108.8	132.7	225
	LA102-A-R4**A-1	B	1	120.1	700	2	3700	6.6	133.3	163.3	250
380/3/50	LA77-A-R4**A-2	B	1	83.2	362	2	3700	4.9	92.9	116.2	210
	LA102-A-R4**A-2	C	(2)	33.9	180	4	7400	4.9	87.3	159.8	210
460/3/60	LA77-A-R404A-3	C	1	47.8	235	2	3700	3.1	54	66.0	110
	LA102-A-R4**A-3	B	1	54.3	350	2	3700	3.1	60.5	74.18	125
575/3/60	LA77-A-R404A-4	C	1	39.6	200	2	3700	2.5	44.6	54.5	90
	LA102-A-R4**A-4	B	1	43.6	280	2	3700	2.5	48.6	59.9	100

¹ = Receiver capacity is based on R404A refrigerant. Multiply R404A value by the appropriate value below for alternate refrigerants:

Suction accumulator is provided with Howe furnished condensing unit.

R407A	R407C	R448A	R449A	R507	R22
1.10	1.10	1.05	1.05	1.0	1.15

Compressor MFG:
B = Bitzer, C = Copeland



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