

# Rapid Freeze Large Capacity

## AC Condensing Units

COOL SOLUTIONS SINCE 1912

## HOWE Proven. Best Choice.

Howe's LA52 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 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.
- Model LA52 is horizontal discharge condenser.
- Hail Guard included

### 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.

### RAPID FREEZE APPLICATIONS

- Produce Harvesters
- Produce Wholesalers
- Produce Markets

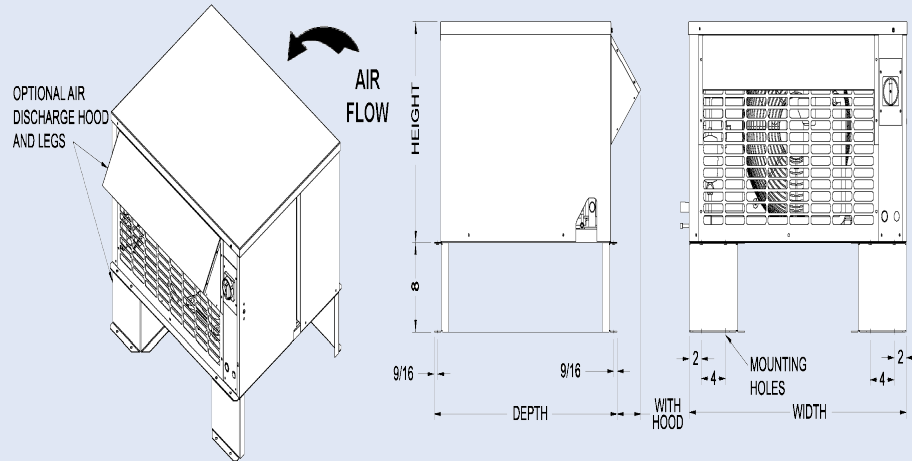


LA52-A-R404A-1 shown.

- Industrial Bakeries
- Seafood Processors
- Seafood Distributors
- Meat Processors
- Sausage Processors
- Poultry Processors
- Concrete Cooling
- Amusement Parks
- Industrial Catering

# LA52 Series

AC Condensing Units



## CONDENSING UNIT

MODEL	DIMENSIONS			CM W D H	CONDENSING UNIT CONNECTION SIZES		REQUIRED RUN LINE SIZES		SHIPPING WEIGHT		REC CAP (LBS)		
	W	D	H		SUCTION	LIQUID	SUCTION	LIQUID	LBS	KG			
LA52-A-R4**A-*	75-7/8	45-3/4	445-1/2	193	116	115	1-5/8	7/8	2-1/8	7/8	1185	538	76

\*\*= 04 for R404A, 48 for R448A, \*= 1 for 230/3/60, 2 for 380/3/50, 3 for 460/3/60, 4 for 575/3/60

## ELECTRICAL

VOLTAGE	MODEL	COMPRESSOR		CONDENSER FAN MOTORS			UNIT		
		RLA	LRA	QNT.	WATTS	FLA (EACH)	AMPS	MCA	MOP
208-230/3/60	LA52-A-R4**A-1	52.6	278	2	1560	3.6	59.8	73	125
380/3/50	LA52-A-R4**A-2	64.3	374	2	1560	4.1	72.5	90.6	163.1
	LA52-A-R448A-2	32.1	187	2	1560	4.1	40.3	50.4	90.7
460/3/60	LA52-A-R4**A-3	26.3	139	2	1560	1.7	29.7	36.3	60
575/3/60	LA52-A-R4**A-4	20.9	113	2	1560	1.4	23.7	28.9	40

Suction accumulator is provided with Howe furnished condensing unit.

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

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

