

# Rapid Freeze Moderate Ambient Air Cooled

## Condensing Units

COOL SOLUTIONS SINCE 1912

## HOWE Proven. Best Choice.

Howe's moderate ambient 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.
- 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.
- Hail Guard included

### SPECIAL FEATURES

- Pump down toggle switch
- Suction Accumulator
- Oil Separator with oil return line.
- Separate high pressure, low pressure control switches

### OPTIONAL FEATURES

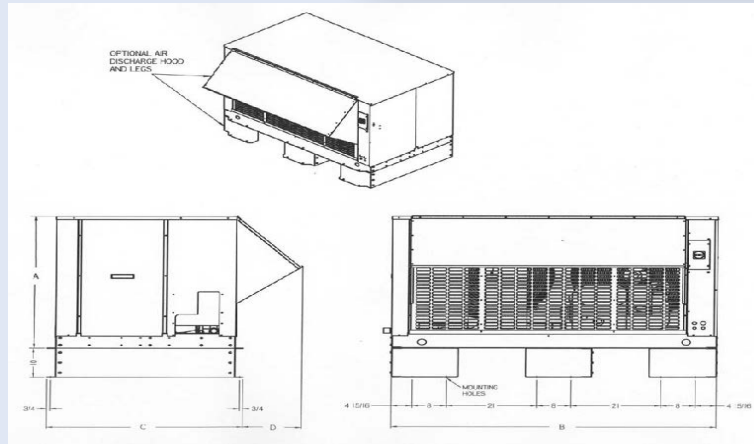
- Coated condenser coils for harsh environments.
- Oversized condensing units rated for 110°F ambient conditions.



MA52-A-R404A-1 shown.

### 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



## CONDENSING UNIT

MODEL	DIMENSIONS IN			CM			CONNECTION SIZES		SHIPPING WEIGHT		REC
	A	B	C	A	B	C	SUCTION	LIQUID	LBS	KG	CAP (LBS)
MA52-A-R4**4A-*	45-3/4	75-7/8	45-1/2	116.2	192.7	115.6	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 AMPS	MCA	MOP
		RLA	LRA	QTY	WATT	FLA (EACH)			
208-230/3/60	MA52-A-R4**A-1	52.6	278	2	1560	3.6	59.8	73	125
380/3/50	MA52-A-R404A-2	64.3	374	2	1560	4.1	72.5	90.6	163.1
	MA52-A-R448A-2	32.1	187	2	1560	4.1	40.3	50.4	90.7
460/3/60	MA52-A-R4**A-3	26.3	139	2	1560	1.7	29.7	36.3	60
575/3/60	MA52-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.