

## MINI-MIZER PORTABLE CHILLERS

### GENERAL SPECIFICATIONS OF AIR COOLED MINI - MIZER PORTABLE STANDARD MODELS ( 1,5 - 5 TON )

MODEL NUMBER	AC-1.5	AC - 2	AC - 2.5	AC - 3	AC - 3.5	AC - 4	AC - 5
Capacity							
Plant Air Temperature: 95° F							
Leaving Water Temperature: 45°F (7.2 °C)	1.3	1.7	1.9	2.3	2.8	3.1	4.2
50°F (10°C)	1.4	1.9	2.2	2.6	3.2	3.5	4.7
55°F (12°C)	1.6	2.0	2.5	2.8	3.4	3.8	5.2
Refrigeration Circuits	1	1	1	1	1	1	1
Refrigerant Type	R410A	R410A	R410A	R410A	R410A	R410A	R410A
Sound power Ratings (dBA)	77	78	78	78	78	79	80
Compressor							
Type	Rotary	Recip	Recip	Recip	Recip	Recip	Scroll
Quantity	1	1	1	1	1	1	1
Number of Compressors - Hp	1.5	2.0	2.5	3.0	3.5	4.0	5.0
Condenser Fans Motor							
Rated HP	1/12	1/8	1/4	1/4	1/4	1/4	1/4
Nominal RPM	1100	1075	1100	850	850	850	850
Nominal CFM	1400	1950	2050	3200	2950	2950	3600
Pump - HP	1	1	1	1	1	1	1
Tank Volume (gal)	6.0	6.0	6.0	6.0	6.0	6.0	6.0
Chiller Flow (gpm)	3.6	4.8	6.0	7.2	8.4	9.6	12.0
(m <sup>3</sup> / hr)	0.8	1.0	1.3	1.6	1.9	2.1	2.7
Chiller Connections (inch)	1¼	1¼	1¼	1¼	1¼	1½	1½
(cm)	3.2	3.2	3.2	3.2	3.2	3.8	3.8
Min. Circuit Ampacity							
208 - 220 / 1 / 60	9.8	12.4	14.7	17.9	21.5	21.1	34.3
208 - 230 / 3 / 60			11.4	12.3	16.3	15.5	23.9
460 / 3 / 60			9.4	7.1	8.0	7.9	13.5
Max. Dual Element Fuse							
208 - 220 / 1 / 60	30	30	40	40	55	60	70
208 - 230 / 3 / 60				30	30	35	40
460 / 3 / 60					20	20	25
DIMENSIONS ( L" x W" x H" )	24 x 24 x 59	24 x 24 x 59	24 x 24 x 59	30 x 30 x 61	30 x 30 x 61	30 x 30 x 61	35 x 35 x 63
WEIGHT (lbs) <sup>2</sup>	300	320	340	360	370	400	420

**Notes:**

- Capacity rating conditions: 50°F leaving chilled water temperature, 95°F entering condenser air temperature; flow rates are 2.4 GPM per ton through the evaporator with a fouling factor of 0.0001.
- Unit shipping weight includes refrigerant charge and packaging.
- Capacities, Dimensions and Weights are approximate and can change without notice.