



## IQ 1300

208-230 V / 60 Hz

### MODULAR GRANULAR ICE MACHINE

#### FEATURES

- ▶ PRODUCES WET GRANULAR ICE
- ▶ THE MOST EFFICIENT EVAPORATOR OF THE MARKET, LOWER ENERGY CONSUMPTION AND HIGHER ICE PRODUCTION
- ▶ EVAPORATOR WITHOUT GASKETS OR SEALS
- ▶ STAINLESS STEEL AUGER WITH RESILIENT COATING TO MAXIMIZE LIFESPAN
- ▶ POWERFUL SPEED REDUCER ON TOP
- ▶ AISI 304 STAINLESS STEEL BODY
- ▶ ELECTROMECHANICAL CONTROL SYSTEM
- ▶ ICE DROPS OUT THROUGH THE OPENING ON THE BOTTOM OF THE UNIT
- ▶ ON/OFF LIGHTED ROCKER SWITCH IN FRONT PANEL
- ▶ TROPICALIZED MACHINES (T CLASS)



**I** THE INSTALLATION OF AN ANTI-SCALE FILTER AND PERIODIC CLEANING ARE ADVISED IN AREAS WITH MEDIUM OR HIGH LIMESCALE CONTENT (HARD WATER)

- EASI Easy Access for Service & Installation
- STIF Strong Innox Frame
- FRONT VENTILATION

|           | 24 H        | 70°F/21°C   50°F/10°C | 90°F/32°C   70°F/21°C   | in (mm)   | in (mm) |  |
|-----------|-------------|-----------------------|---|---|---------|--|
|           | lbs (Kg)    | lbs (Kg)              |   |   |         | WET GRANULAR ICE<br>25% RESIDUAL WATER CONTENT |
| IQ 1300 A | 1,430 (649) | 1,030 (467)           | Width 26.58" (675)<br>Depth 21.66" (550)<br>Height 31.50" (800) | Width 29.53" (750)<br>Depth 25.60" (650)<br>Height 35.44" (900) |         |  |
| IQ 1300 W | 1,450 (658) | 1,050 (476)           |   |   |         |  |

#### ACCESSORIES

NOT INCLUDED (OPTIONAL)



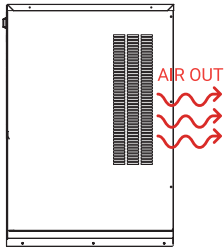
#### RECOMMENDED BINS



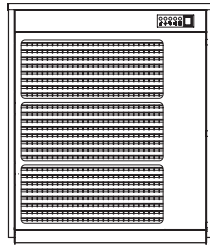
# TECHNICAL SCHEME

IQ 1300

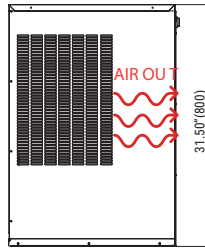
RIGHT SIDE VIEW



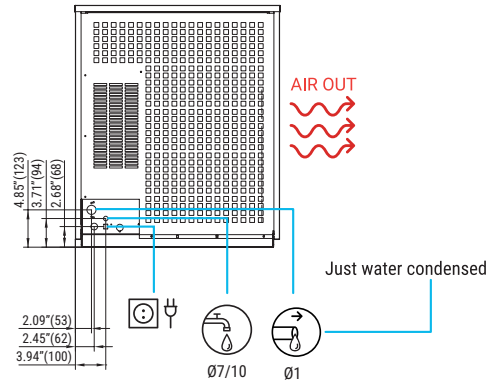
FRONTAL VIEW



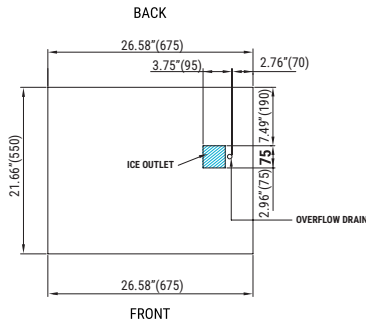
LEFT SIDE VIEW



REAR VIEW



CENTRAL CROSS SECTION VIEW OF THE BASE



\* All dimensions in inches (and mm)

## OPERATING CONDITIONS

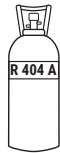
### PRODUCTION (LBS) 60Hz

±10% V

50°F/109°F

41°F/100°F

14.5 psi (1 bar) / 87 psi (6 bar)



|         |    |    |
|---------|----|----|
| V       | Hz | ph |
| 208-230 | 60 | 1N |

| °F<br>°C    | IQ1300 AIR COOLED |            |            |            |
|-------------|-------------------|------------|------------|------------|
|             | 50°<br>10°        | 60°<br>15° | 70°<br>21° | 86°<br>30° |
| 50°<br>10°  | 1525              | 1440       | 1290       | 1145       |
| 68°<br>21°  | 1430              | 1340       | 1190       | 1050       |
| 90°<br>32°  | 1220              | 1125       | 1030       | 915        |
| 109°<br>43° | 1000              | 915        | 836        | 700        |

| °F<br>°C    | IQ1300 WATER COOLED |            |            |            |
|-------------|---------------------|------------|------------|------------|
|             | 50°<br>10°          | 60°<br>15° | 70°<br>21° | 86°<br>30° |
| 50°<br>10°  | 1546                | 1460       | 1315       | 1167       |
| 68°<br>21°  | 1450                | 1359       | 1213       | 1070       |
| 90°<br>32°  | 1237                | 1141       | 1050       | 933        |
| 109°<br>43° | 1014                | 928        | 852        | 714        |

## MODELS

IQ 1300 A

IQ 1300 W

|           | Temp. Ev.<br>(°F) | ASHRAE CONDITIONS<br>CONDICIONES ASHRAE<br>(BTU/h) (W) | (W) 109°F | (AWG/mm <sup>2</sup> ) (n.) | FUSE | 100lbs<br>90°F / 70°F<br>(Kwh/100 lbs) | gal<br>100lbs<br>(l/h) | HEAT REJECTED<br>(BTU/h) (W) | (lbs) | (lbs)         |     |     |
|-----------|-------------------|--|-----------|-----------------------------|------|--|------------------------|------------------------------|-------|---------------|-----|-----|
| IQ 1300 A | 5°                | 20,207, 5,922  | 1,700     | 14/1.5                      | 3    | 20                                     | 4.9                    | 7.1                          | 27    | 15,099, 4,425 | 231 | 287 |
| IQ 1300 W | 5°                | 20,207, 5,922  | 1,700     | 14/1.5                      | 3    | 20                                     | 4.2                    | 29.05                        | 110   | 15,099, 4,425 | 231 | 287 |



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COMPRESSOR - 5 YEARS PARTS

