



# IQ 300C

115 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)

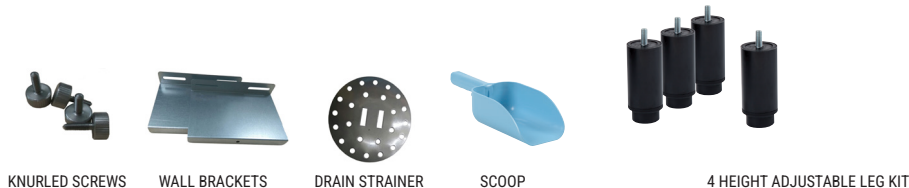
**I** THE INSTALLATION OF AN ANTI-SCALE FILTER AND PERIODIC CLEANING ARE ADVISED IN AREAS WITH MEDIUM OR HIGH LIMESCALE CONTENT (HARD WATER)



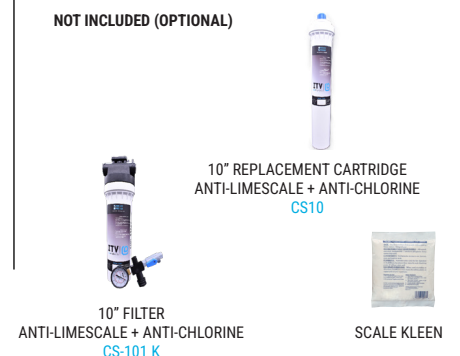
|           |  |  70°F/21°C |  50°F/10°C |  90°F/32°C |  70°F/21°C |  |  |  |  |
|-----------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|           |                                                                                     | lbs (Kg)                                                                                      | lbs (Kg)                                                                                      | lbs (Kg)                                                                                      | lbs (Kg)                                                                                      | lbs (Kg)                                                                            | in (mm)                                                                              | in (mm)                                                                               |                                                                                       |
| IQ 300C A |  | 360 (163)                                                                                     | 260 (118)                                                                                     | 88 (40)                                                                                       | 21.66"(550)                                                                                   | 53.35"(1,355)                                                                       | Width 20.28"(515)                                                                    | Width 24.22"(615)                                                                     | <b>DRY GRANULAR ICE</b><br>20% RESIDUAL WATER CONTENT                                 |
| IQ 300C W |  | 365 (166)                                                                                     | 265 (120)                                                                                     |                                                                                               |                                                                                               |                                                                                     | Depth 21.66"(550)                                                                    | Depth 25.60"(650)                                                                     |                                                                                       |
|           |                                                                                     |                                                                                               |                                                                                               |                                                                                               |                                                                                               |                                                                                     | Height 53.35"(1,355)                                                                 | Height 61.03"(1,550)                                                                  |                                                                                       |

### ACCESSORIES

#### INCLUDED



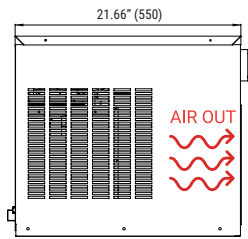
#### NOT INCLUDED (OPTIONAL)



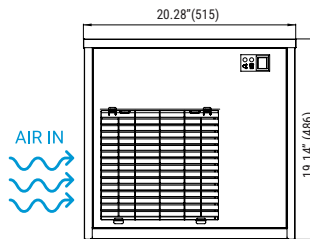
# TECHNICAL SCHEME

IQ 300 C

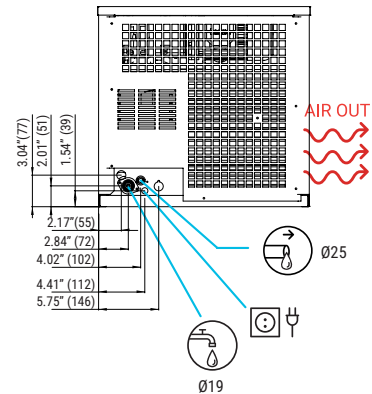
RIGHT SIDE VIEW



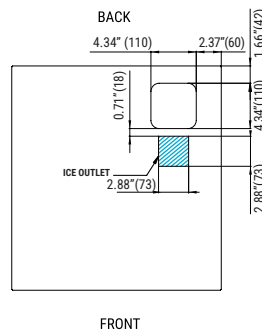
FRONTAL VIEW



REAR VIEW



CENTRAL CROSS SECTION  
VIEW OF THE BASE



## OPERATING CONDITIONS

\* All dimensions in inches (and mm)

### PRODUCTION (LBS) 60Hz

±10% V

41°F/109°F

41°F/95°F

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



| V   | Hz | ph |
|-----|----|----|
| 115 | 60 | 1N |



#### IQ 300C AIR COOLED

|             | 50°<br>10° | 60°<br>15° | 70°<br>21° | 86°<br>30° |
|-------------|------------|------------|------------|------------|
| 50°<br>10°  | 379        | 358        | 329        | 290        |
| 68°<br>21°  | 360        | 325        | 290        | 265        |
| 90°<br>32°  | 339        | 302        | 260        | 236        |
| 109°<br>43° | 315        | 288        | 238        | 217        |



#### IQ 300C WATER COOLED

|             | 50°<br>10° | 60°<br>15° | 70°<br>21° | 86°<br>30° |
|-------------|------------|------------|------------|------------|
| 50°<br>10°  | 384        | 363        | 335        | 296        |
| 68°<br>21°  | 365        | 330        | 296        | 270        |
| 90°<br>32°  | 344        | 306        | 265        | 241        |
| 109°<br>43° | 319        | 292        | 243        | 221        |

### MODELS

IQ 300 C A

IQ 300 C W

|            | Temp. Ev.<br>(°F) | ASHRAE CONDITIONS<br>(BTU/h) (W) | (W) 109°F | (AWG/mm²) (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 300 C A | 10.4°             | 5,285 1,549                      | 640       | 14/1.5 3       | 10   | 5.4                                    | 1.8 6.8                | 4,125 1,209                  | 165   | 187   |
| IQ 300 C W | 10.4°             | 5,285 1,549                      | 640       | 14/1.5 3       | 10   | 5.4                                    | 7.3 27.6               | 4,125 1,209                  | 165   | 187   |



ITV Ice Makers, Inc.  
9550 Satellite Blvd, Suite 100  
Orlando, FL 32837  
Phone: 1 407 826 1860 | Fax: 1 407 826 1861  
Toll Free: 1 888 488 1423  
sales@itvice.com | www.itvice.com



SERVICE  
service@itvice.com  
Skype: service@itvice.com  
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FROM 8AM TO 5PM EST

**WARRANTY:**  
ICE MAKERS - 3 YEARS PARTS AND LABOR  
EVAPORATOR - 5 YEARS PARTS AND LABOR  
COMPRESSOR - 5 YEARS PARTS



AXIAL SYSTEM