

## ICE QUEEN 500 MODULAR GRANULAR ICE MACHINE

115 V / 60 Hz

**3 YEARS**  
WARRANTY  
PARTS & LABOR



### 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)

**!** 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 Inox Frame
- FRONT VENTILATION**

	24 H	70°F/21°C	50°F/10°C	90°F/32°C	70°F/21°C			
		lbs (Kg)	lbs (Kg)	lbs (Kg)	lbs (Kg)	in (mm)	in (mm)	
IQ500 A		<b>675</b> (306)	<b>485</b> (220)	Width <b>20"</b> (515)	Width <b>24"</b> (600)	Depth <b>22"</b> (550)	Depth <b>25"</b> (630)	<b>WET GRANULAR ICE</b> 25% RESIDUAL WATER CONTENT
IQ500 W		<b>685</b> (311)	<b>495</b> (225)	Height <b>23-</b> " (575)	Height <b>26"</b> (650)			

### ACCESSORIES

NOT INCLUDED (OPTIONAL)



10" FILTER  
ANTI-LIMESCALE + ANTI-CHLORINE  
CS-101 K



10" REPLACEMENT CARTRIDGE  
ANTI-LIMESCALE + ANTI-CHLORINE  
CS10



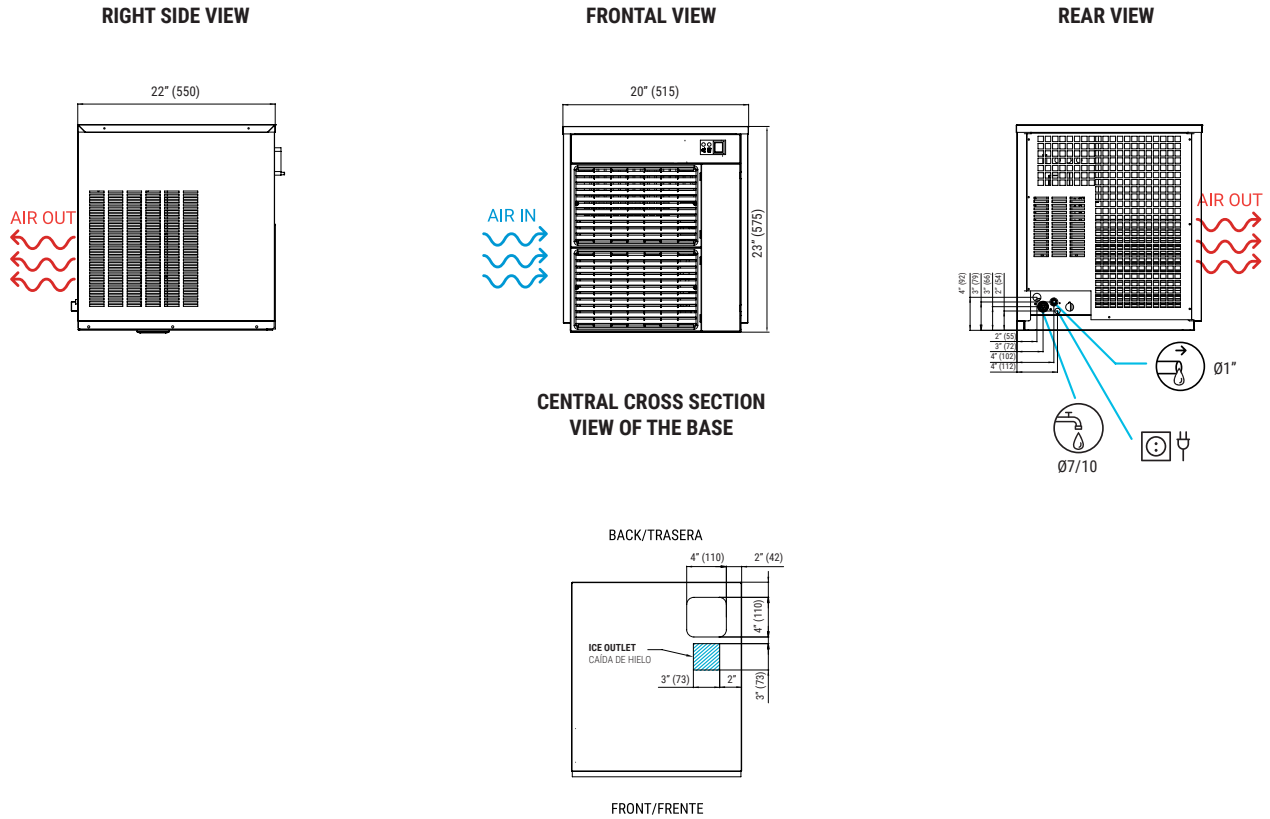
SCALE KLEEN

### RECOMMENDED BINS



# TECHNICAL SCHEME

## ICE QUEEN 500



\* All dimensions in inches (and mm)

## OPERATING CONDITIONS

### PRODUCTION (LBS) 60Hz

Voltage	Frequency	Refrigerant	IQ 500 AIR COOLED					IQ 500 WATER COOLED				
			50° 10°	60° 15°	70° 21°	86° 30°	50° 10°	60° 15°	70° 21°	86° 30°		
±10% V	60 Hz	R 404 A	711	671	614	541	721	681	626	552		
41°F/109°F			675	609	541	494	685	618	552	505		
41°F/95°F			636	566	485	440	645	575	495	449		
14.5 psi (1 bar) / 87 psi (6 bar)			591	540	444	405	599	548	453	413		

MODELS	Temp. Ev. (°F)	ASHRAE CONDITIONS (BTu/h) (W)	(W) 109°F	(AWG/mm²) (n.)	FUSE	100lbs 90°F / 70°F (Kwh/100 lbs)	gal 100lbs (l/h)	HEAT REJECTED (BTu/h) (W)	(lbs)	(lbs)
<b>IQ 500 A</b>	10.4°	6,186 1,813	780	14/1.5 3	10	4.8	12 12.8	4,900 1,436	115	132
<b>IQ 500 W</b>	10.4°	6,186 1,813	780	14/1.5 3	10	3.7	47.6 51.8	4,900 1,436	110	128

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 FROM 8AM TO 5PM EST

**3 YEARS WARRANTY PARTS & LABOR**  
**2 ADDITIONAL YEARS ON COMPRESSOR & EVAPORATOR**  
 Read our warranty policy to know more about limitations and exclusions

**NSF**  
**ETL** LISTED US  
 Intertek

**AXIAL SYSTEM**