

ICE QUEEN 50C 230 V / 50 Hz












SELF-CONTAINED GRANULAR ICE MACHINE

FEATURES

- ▶ PRODUCES DRY GRANULAR ICE
- ▶ THE MOST EFFICIENT EVAPORATOR IN THE MARKET, LOW ENERGY CONSUMPTION AND HIGH ICE PRODUCTION
- ▶ EVAPORATOR WITHOUT GASKETS OR SEALS
STAINLESS STEEL AUGER WITH RESILIENT COATING TO MAXIMIZE LIFESPAN
- ▶ POWERFUL SPEED REDUCER ON TOP
- ▶ SMART FRONT VENTILATION SYSTEM (SFVS) ALLOWS BUILT-IN INSTALLATION OF THE UNIT
- ▶ CLEANING SWITCH: DISCONNECTS THE COOLING SYSTEM WHILE CIRCULATING WATER WITH DESCALING PRODUCT (CALKIN OR SIMILAR)
- ▶ EASI: EASY ACCESS FOR SERVICE & INSTALLATION. ALL PANELS CAN BE DISASSEMBLED SEPARATELY
- ▶ ON/OFF LIGHTED ROCKER SWITCH
- ▶ TROPICALIZED MACHINES (T CLASS) / HEIGHT ADJUSTABLE LEGS FROM 105MM TO 155MM
- ▶ NATURAL GAS R290 WITH VERY LOW GLOBAL WARMING POTENTIAL WHICH ALSO REDUCES THE ENERGY CONSUMPTION
- ▶ STIF: STRONG INOX FABRICATION. SOLID STRUCTURE SUPPORTED IN 4 STEEL COLUMNS. AISI 304 STAINLESS STEEL BODY.
- ▶ STRONGEST DOOR OPENING SYSTEM PATENTED BY ITV. DOOR MADE IN STAINLESS STEEL AISI 304.



! AN ANTI-LIMESCALE FILTER IS ADVISED IN HARD WATER AREAS (WATER HARDNESS OVER 30 °FH).

	 24 H	 10°C (Kg)	 10°C (Kg)	 21°C (Kg)	 15°C (Kg)	 STOCK (Kg)	 (mm)	 (mm)	
IQ50C A		66	74	20	Width 465	Width 525	DRY GRANULAR ICE 20% RESIDUAL WATER CONTENT		
IQ50C W		-	-		Depth 595	Depth 645			
					Height 784*	Height 920			

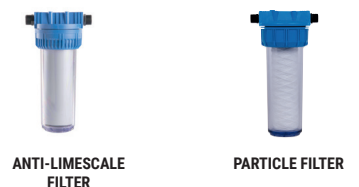
* WITH LEGS 889/939

ACCESSORIES

INCLUDED



NOT INCLUDED (OPTIONAL)



TECHNICAL SCHEME

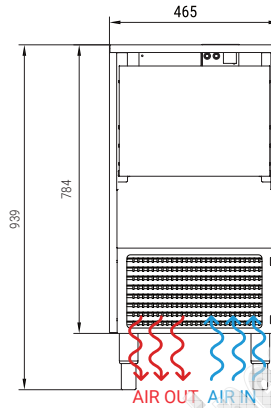
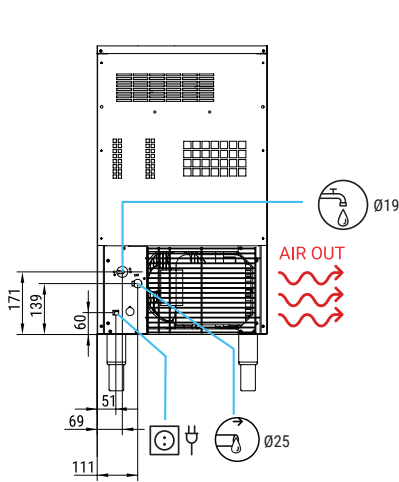
ICE QUEEN 50 C



REAR VIEW

FRONTAL VIEW

LEFT SIDE VIEW



* All measurements in mm.

OPERATING CONDITIONS

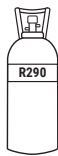
PRODUCTION 50Hz

±10% V

10°C/43°C

5°C/38°C

1 bar/6 bar



V	Hz	ph
230	50	1N

24 H	Kg	IQ 50C AIR COOLED			
		10° 50°	15° 60°	21° 70°	30° 86°
10°		66	62	57	48
50°		76	74	68	60
21°		63	60	58	50
68°		45	43	40	33
32°					
90°					
43°					
109°					

24 H	Kg	IQ 50C WATER COOLED			
		10° 50°	15° 60°	21° 70°	30° 86°
10°		-	-	-	-
50°		-	-	-	-
21°		-	-	-	-
68°		-	-	-	-
32°		-	-	-	-
90°		-	-	-	-
43°		-	-	-	-
109°		-	-	-	-

MODELS

IQ 50C A

IQ 50C W

	Temp. Ev. (°C)	ASHRAE CONDITIONS (W) (BTu/h)	(W) 43°C	(n.) (mm ²)	FUSE	100 Kg (Kwh)	(l/h)	HEAT REJECTED (W) (BTu/h)	(Kg)	(Kg)	(m ³)
IQ 50C A	-10°	679 2.316	423	3 1,5	10	16,8	2,4	482 1.644	55	63	0,33
IQ 50C W	-	-	-	-	-	-	-	-	-	-	-



Subject to certain limitations and exclusions. Only spare parts.

