GOURMET ICE

Long Lasting Ice

ABR900 AL
PREMIUM TUBE-ICE MAKER

The best premium ice on the market at the lowest possible cost of production:

- Solid ice: no hole in the center.
- Clear.
- Perfect and uniform cut. All ice cylinders perfectly cut and the same size.

Long lasting ice ideal for long drinks without watering your drink.

STANDARD FEATURES

- **Up to 30 M tons/33US tons of SOLID ICE**.
- Precision orbital-radial type **SAW CUTTER (ABR USA Patent).**
- Most efficient icemaker in the market. 54 kws per metric ton of solid ice (68kw/h).
- Totally **built in 304L Stainless Steel**, including the liquid refrigerant management system, piping and structure, allowing for maximum resistance to wear, not requiring any maintenance work regarding corrosion.
- **Pre-cooling water jacket,** eliminating heat entry to body, and allowing to "recover" the cold to pre-cool the water feed increasing the overall efficiency.
- **Fully Flooded Evaporator** to allow for equally frozen full length of Ice Tube, reducing to nearly zero rejects.
- **Fully automatic controlled cycle** by Programmable Logic Controller, Microprocessor based, with parameters easily adjustable to fit details.
- **Remote control** allowed via Internet.
- **Voltage to fit local requirements,** 230 - 460 - 575 V. 3p 60Hz / 400 V. 3p. 50 Hz.

SOLID

CLEAR

PERFECT AND UNIFORM CUT

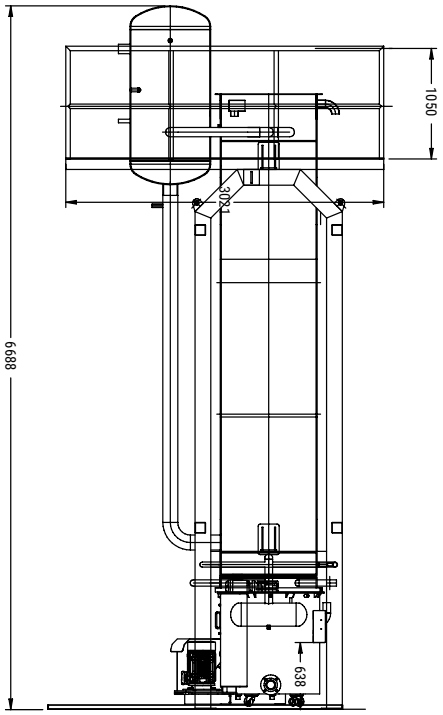
TECHNICAL SCHEMES

Icemaker measures are in meters (1000 milimeters = 3,28 ft).

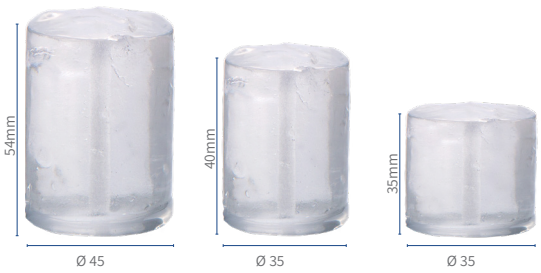
Icemaker height and diameter can vary depending on client request.

Icemaker is on a support structure which is not included with the icemaker.

Support structure measures may vary depending on the needs of the client.



MOST COMMON ICE CUBE MEASURES



Real photography of the icecube.

ICE CUBE MEASURES

Ø	h
44mm / 1.73”	50mm / 2”
40mm / 1.57”	50mm / 2”
35mm / 1.38”	45mm / 1.77”
35mm / 1.38”	40mm / 1.57”
35mm / 1.38”	35mm / 1.38”

Diameter available **according to customer requirements.**

PRODUCTION WATER T°
5°-7°C / 41°-45°F

NON-CORROSIVE
PH <7 x <8,8

CONDUCTIVITY FOR
WATER 250<x<350

OPERATING CONDITIONS

Compressor	Power	Refrigerant	Condensation		Water inlet T[a]		Inner tube Ø		Ice Ø (approx.)		Bagged Ice Production	
	Kw/hp		°C	°F	°C	°F	mm	inch	mm	inch	(Mt/day)	(US T/day)
Vilter VMC-448 at 1.182 rpm	110/150	R-717	36	97	20	68	35	1 3/8	33-34	1 1/3	32	35
	82/110						41	1 5/8	39-40	1 5/9	30	33
	55/75						45	1 3/4	43-44	1 5/7	26	28.5

NOTES:

C/ Milanos, 3 - Polígono Industrial La Estación
28320 Pinto, Madrid - SPAIN
abr@abringenieros.es | +34 91 6424490
www.abringenieros.es