

07/2018

Mod: ICE280MAS-R2

Production code: G280A HC



Diamond
catering equipment



Modular ice maker - Granular system Daily production up to 300 kg

Hotel
Restaurant
Fast food
Bar
Disco
Fish market
Supermarket
Medical & SPA
Industry



► Position n°



► Features & Plus

- Granular ice - 80-82% dry
- 1l (water) - 1kg (ice) - only Air cooled
- AISI 304 SS Scotch Brite finish
- Tropical class +43°C
- Specific volume 1 m³ = 550 kg of ice
- Removable and cleanable air filter
- AISI 304 SS evaporator
- Air or water cooling system
- Easy cleanable internal rounded surfaces
- Dust-proof water basin
- RoHS Free
- Electromechanical operation
- ON-OFF rocker switch
- Rotation sensor on low speed shaft
- Automatic water charge
- Standard and special voltages
- Frame in INOX
- HFC Free



Removable and cleanable air filter



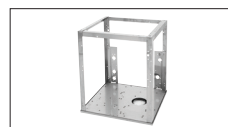
AISI 304 SS evaporator



Dust-proof water basin



Easy cleanable internal rounded surfaces



Frame in INOX

► Usable Bins

- Bin 240PE
- Bin 110
- Bin 200
- Bin 350
- Roller Bin 100
- Double Roller Bin 100

► Prod. 24h

Air temp.	Water temp.		Kg	Lbs
	10° C	50° F		
	10° C	50° F	7° C	45° F
	21° C	70° F	15° C	60° F
			300	661
			280	617

► Certifications available for this model



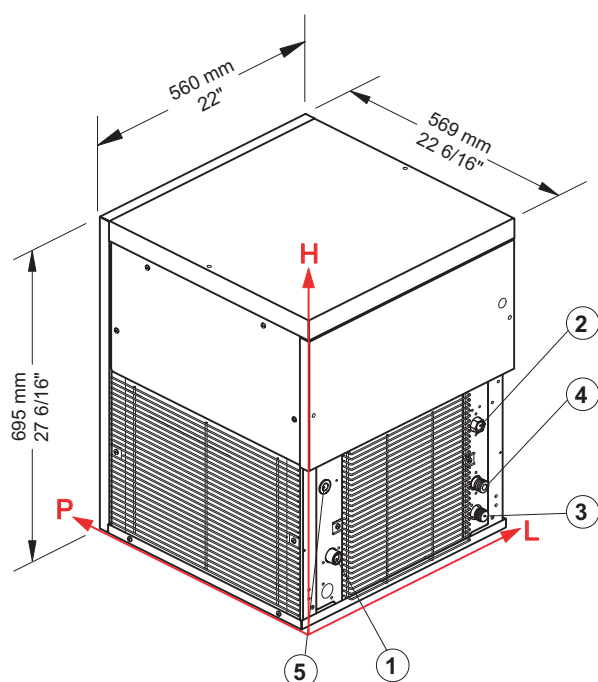


Ice Flakes

G 280 HC



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► Working conditions

- Location: Indoor

	Min	Max
Ambient temperature	+10° C / +50° F	+43° C / 110° F
Water temperature	+3° C / +37° F	+32° C / +90° F
Voltage	-10%	+10%
Water inlet pressure	1bar (14 psi)	6bar (84 psi)

► Performances

		7° C	45° F	15° C	60° F	21° C	70° F
Air temperature	10° C	300 kg					
	50° F		661 lbs				
	21° C			280 kg			
	70° F				617 lbs		
	32° C					230 kg	
	90° F						507 lbs

► Connections

All measures are referred to the down-left corner (L-H-Ø)

- ① Water in.: 85,5 mm / 3 6/16" - 130 mm / 5 2/16" - 3/4"
- ② Cond. water in.: 479,5 mm / 18 14/16" - 260 mm / 10 4/16" - 3/4"
- ③ Water out.: 479,5 mm / 18 14/16" - 65 mm / 2 9/16" - 24 mm / 15/16"
- ④ Cond. water out.: 479,5 mm / 18 14/16" - 130 mm / 5 2/16" - 24 mm / 15/16"
- ⑤ Electrical connections: 67,5 mm / 2 11/16" - 290 mm / 11 7/16"
- ② ④ Only for water cooling systems

► Technical information

Production in 24h	280 kg / 617 lbs
Cooling system	A - W
Refrigerant	R290
Standard voltage	220-240 V ~ 50 Hz
Average power consumption	1100 W
Fuse	10 A
Electrical consumption	11 kWh/100kg
Finish	AISI 304 stainless steel, scotch brite

Water consumption	A: 1 l/kg - 12,0 gal/100 lbs
	W: 6 l/kg - 72 gal/100 lbs
Sizes (L-P-H mm)	560 - 569 - 695
(L-P-H in)	22 - 22 6/16 - 27 6/16
Sizes with pack (L-P-H mm)	645 - 645 - 910
(L-P-H in)	25 6/16 - 25 6/16 - 35 13/16
Net weight	83 kg / 183 lbs
Gross weight	93 kg / 205 lbs

All the technical information need to be considered at the following conditions:

Ambient temperature +21° C

Water temperature +15° C

Electrical consumption at +32° C (standard voltage)

Average power consumption at +43° C (standard voltage)

Models and specifications are subject to change without notice

Rev. 03 - Issued April 2018