



TM 450 HC

Ice Pebbles



Modular ice maker - Pebble system Daily production up to 420 kg

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

► Position n°



► Features & Plus

- Pebble ice - 91% 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
- Automatic water charge
- Rotation sensor on low speed shaft
- Standard and special voltages
- Frame in INOX
- HFC Free



► Usable Bins

- Bin 240PE
- Bin 110
- Bin 200
- Bin 350
- Bin 550V DS
- Roller Bin 100
- Double Roller Bin 100
- Double Roller Bin 500
- Double Roller Bin 1200



Removable and cleanable air filter



AISI 304 SS evaporator



Dust-proof water basin



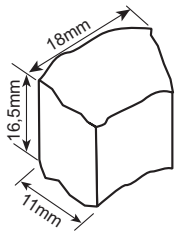
Rotation sensor on low speed shaft



Frame in INOX

► Available pebble size

drawing for reference only



► Prod. 24h

°C	Air temp.		Water temp.		Kg	Lbs
	10° C	50° F	7° C	45° F		
	21° C	70° F	15° C	60° F	375	827

2 Years Warranty
subject to limitations

► Certifications available for this model



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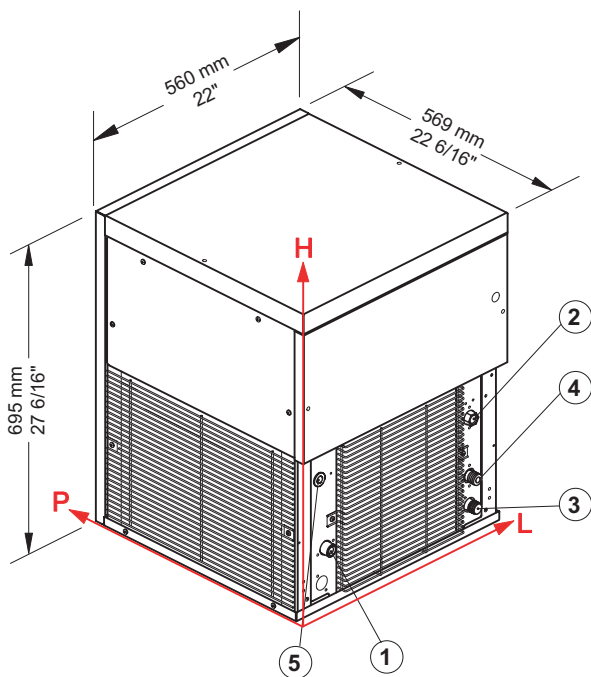


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► Working conditions

- 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

		Water temperature					
		7° C	45° F	15° C	60° F	21° C	70° F
Air temperature	10° C	420 kg					
	50° F		926 lbs				
	21° C			375 kg			
	70° F				827 lbs		
	32° C					307 kg	
	90° F						677 lbs

► Connections

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

- ① Water in.: 80,5 mm / 33 3/16" - 120 mm / 4 2/16" - 3/4"

③ Water out.: 479,5 mm / 18 14/16" - 65 mm / 2 9/16" - 24 mm / 15/16"

⑤ Electrical connections: 67,5 mm / 2 11/16" - 290 mm / 11 7/16"
- ② Cond. water in.: 479,5 mm / 18 14/16" - 260 mm / 10 4/16" - 3/4"

④ Cond. water out.: 479,5 mm / 18 14/16" - 130 mm / 5 2/16" - 24 mm / 15/16"

② ④ Only for water cooling systems

► Technical information

Production in 24h	375 kg / 827 lbs
Cooling system	A - W
Approximate pebble size	16,5 x 18 x 11
Refrigerant	R290
Standard voltage	220-240 V ~ 50 Hz
Average power consumption	1415 W
Fuse	16 A
Electrical consumption	11 kWh/100kg

Water consumption	A: 1 l/kg - 12,0 gal/100 lbs
	W: 6 l/kg - 71,9 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	102 kg / 225 lbs
Gross weight	113 kg / 249 lbs
Finish	AISI 304 stainless steel, scotch brite

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

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