TM 450

Ice Pebbles

Modular ice maker - Pebble system
Daily production up to 486 kg

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

▶ Position n°

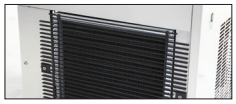


▶ Features & Plus

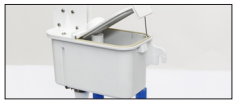
- Pebble ice - 91% dry
- 1l (water) - 1kg (ice) - only Air cooled
- AISI 304 SS Scotch Brite finish
- Tropical class +43°C
- Specific volume 1 m^3 = 550 kg of ice
- Removable and cleanable air filter
- AISI 304 SS evaporator
- Air or water cooling system
- Easy cleanable internal rounded surfaces
- Dust-proof 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

▶ 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

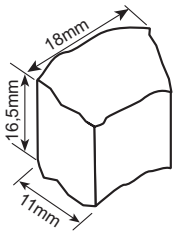

Dust-proof water basin


Rotation sensor on low speed shaft


Frame in INOX

▶ Available pebble size

drawing for reference only



▶ Prod. 24h

Air temp.		Water temp.		Kg	Lbs
10° C	50° F	7° C	45° F	486	1071
21° C	70° F	15° C	60° F	440	970

▶ Certifications available for this model

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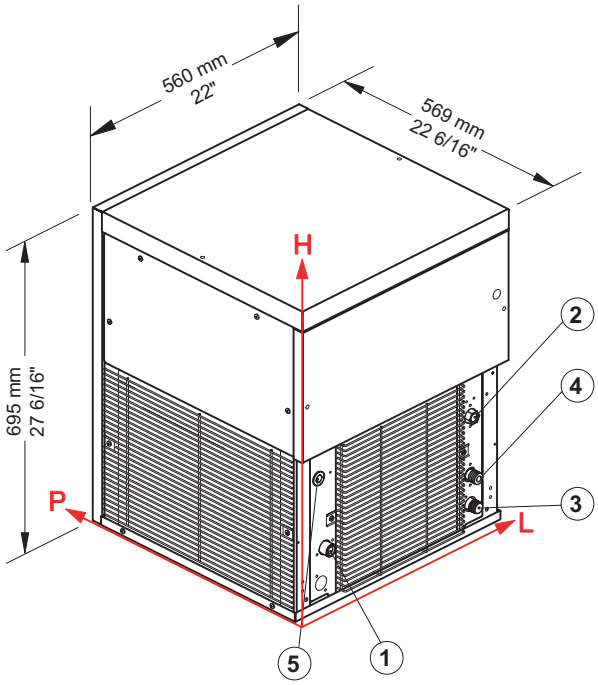
We are Brema

Ice Pebbles

TM 450

BREMA Ice Makers

Modular ice maker - Pebble system
Daily production up to 486 kg



▶ 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

Air temperature	Water temperature 7° C	45° F	15° C	60° F	21° C	70° F
10° C	486 kg					
50° F		1071 lbs				
21° C			440 kg			
70° F				970 lbs		
32° C					366 kg	
90° F						807 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 / 8/16"
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	440 kg / 970 lbs
Cooling system	A - W
Approximate pebble size	16,5 x 18 x 11
Refrigerant	R404A - R452A
Standard voltage	220-240 V ~ 50 Hz
Average power consumption	1700 W
Fuse	16 A
Finish	AISI 304 stainless steel, scotch brite

Water consumption	A: 1 l/kg - 12,0 gal/100 lbs
	W: 5,8 l/kg - 69,5 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

All the technical information need to be considered at the following conditions:
Ambient temperature +21° C
Water temperature +15° C
Average power consumption at +43° C (standard voltage)
Refrigerant R404A

Models and specifications are subject to change without notice

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BREMA Ice Makers
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Bim + Data download