

07/2018

Mod: ICE400ISA

Production code: MUSTER 350A



Diamond
catering equipment



Ice Scales

[illegible]

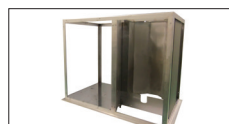
- Sub-cooled scale ice
- 1l (water) - 1kg (ice) - only Air cooled
- AISI 304 SS Scotch Brite finish
- Tropical class +43°C
- Specific volume 1 m³ = 430 kg of ice
- Vertical fixed “no leak” evaporator
- AISI 316L SS evaporator
- Cleanable antiscale filter
- Air or water cooling system
- FDA approved - ABS plastic components
- Easy cleanable internal rounded surfaces
- RoHS Free
- Electromechanical operation
- Automatic water charge
- Standard and special voltages
- Frame in INOX



Vertical fixed “no leak”
evaporator



Cleanable antiscale filter



Frame in INOX

- Bin 350
- Bin 550V DS
- Double Roller Bin 100

	Air temp.		Water temp.		Kg	Lbs
	7° C	45° F	10° C	50° F	446	983
	21° C	70° F	15° C	60° F	400	882





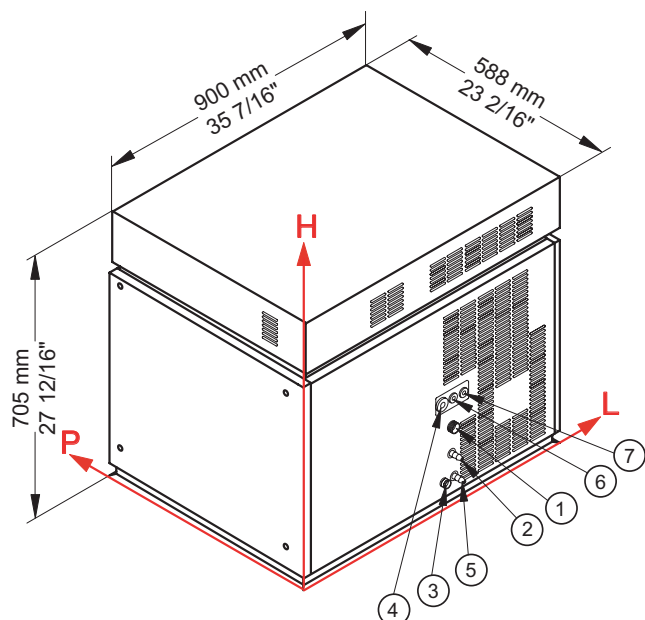
Ice Scales

Muster 350



Diamond
catering equipment

Modular ice maker - Scale system Daily production up to 446 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

		Water temperature					
		7° C	45° F	15° C	60° F	21° C	70° F
		10° C	50° F	21° C	32° C	90° F	
Air temperature	10° C	446 kg					
	50° F		983 lbs				
	21° C			400 kg			
	70° F				882 lbs		
	32° C					360 kg	
	90° F						794 lbs

► Connections

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

- ① Water in.: 463 mm / 18 4/16" - 187 mm / 7 6/16" - 3/4"
- ② Cond. water in.: 463 mm / 18 4/16" - 120 mm / 4 12/16" - 12 mm / 8/16"
- ③ Water out.: 428 mm / 16 14/16" - 60 mm / 2 6/16" - 24 mm / 15/16"
- ④ Electrical connections: 434 mm / 17 1/16" - 257 mm / 10 2/16"
- ⑤ Cond. water out.: 472 mm / 18 9/16" - 60 mm / 2 6/16" - 12 mm / 8/16"
- ⑥ Remote connections.: 473 mm / 18 10/16" - 257 mm / 10 2/16"
- ⑦ Connection to DRB 500: 510 mm / 20 3/16" - 257 mm / 10 3/16"
- ② ③ Only for water cooling systems

► Technical information

Production in 24h	400 kg / 882 lbs
Cooling system	A - W
Refrigerant	R404A - R452A
Standard voltage	220-240 V ~ 50 Hz
Electrical consumption	2100 W
Fuse	16 A
Water consumption	A: 1 l/kg - 12,0 gal/100 lbs W: 7,5 l/kg - 89,9 gal/100 lbs

Sizes (L-P-H mm)	900 - 588 - 705
(L-P-H in)	35 7/16 - 23 2/16 - 27 12/16
Sizes with pack (L-P-H mm)	965 - 655 - 880
(L-P-H in)	38 - 25 13/16 - 34 10/16
Net weight	137 kg / 302 lbs
Gross weight	152 kg / 335 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 +43° C (standard voltage)

Refrigerant R404A

Models and specifications are subject to change without notice

Rev. 03 - Issued May 2018