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MAR 306

Modular Ice Machine 2200 kg

	FEATURES • Scale ice machine, in “compact system” version; built-in unit. Storage bin not supplied, to be purchased separately. • AISI304 Stainless steel evaporator and ice scraper blade. Redesigned evaporator compartment end-walls. • Electromechanical control panel. • Electrical protections, rotation speed & reverse phase controls. • Low- water sensor protection. Semi-hermetic compressor. Storage bin thermostatic ice level sensor. • Drive motor / gear reducer with V-Belt drive. • Stainless steel panels in scotch-brite finish, with rounded corners, easy to remove for maintenance. • ON/OFF manual switch, with weekly programmable timer.				
 MAR 306 Scale ice Residual water content 2% Thickness 2 mm	CONDENSING SYSTEM Remote condenser Water cooled	RECOMMENDED BINS			
		Head	Bins		kg
	REFRIGERANT GAS R404A R452A	MAR 306	●	UBH1600	812
			●	UBH2250	1068
			●	SIS1350	613 + 73 + 73
VOLTAGE V/Hz/ph 230/60/3 380/60/3N 400/50/3N 400/60/3	LEGEND: ✓ : Perfect combination between ice maker and bin ● : Ice chute cut-out performed upon installation CBTxxxxxxxx : need additional bin top				
OPERATING REQUIREMENTS					
		Minimum		Maximum	
Air temperature		10		43	
Water temperature		5		38	
Water pressure		1 bar (14 psi)		5 bar (70 psi)	
Electrical voltage		-10		+10	

Modular Ice Machine 2200 kg

Modular Ice Machine 2200 kg

[illegible]

UNIT DATA			SHIPPING DATA			All data refer to R404A refrigerant models					
Size (W x D x H)		1326 x 853 x 1125 mm	Carton (W x D x H)		1410 x 790 x 1250 mm						
Net weight		393 kg	Weight		416 kg						
		24 h ice production kg °C Amb. / °C Water			Energy consumption (*)		Water usage (*)	Instant power	Compressor	Circuit wires	Max. fuse size
Version	Voltage	10°C/10°C 2 mm	21°C/10°C 2 mm	32°C/21°C 2 mm	kWh/ 100 kg	kWh/ 24h	l/h	W	W	No. x Ømm²	A
MAR 306 ASR	400/50/3N	2050	1980	1700	11.6	200.0	68.8	8750	13000	5 x 4.0	32
MAR 306 WS	400/50/3N	2200	0	0	11.6	200.0	416.7	10000	13000	5 x 4.0	32
MAR 306 ASR	230/60/3	0	0	0	13.0	215.0	68.8	9100	13000	4 x 4.0	100
MAR 306 ASR	380/60/3N	0	0	0	11.6	200.0	68.8	8150	13000	5 x 4.0	32
MAR 306 WS	400/60/3	0	0	0	11.6	200.0	416.7	10000	13000	4 x 4.0	32
Compressor:	(Te -25.0°C; Tc +45.0°C)										
(*) Data refer to 32°C Amb. / 21°C Water temperature conditions											

MAR 79

EcoX

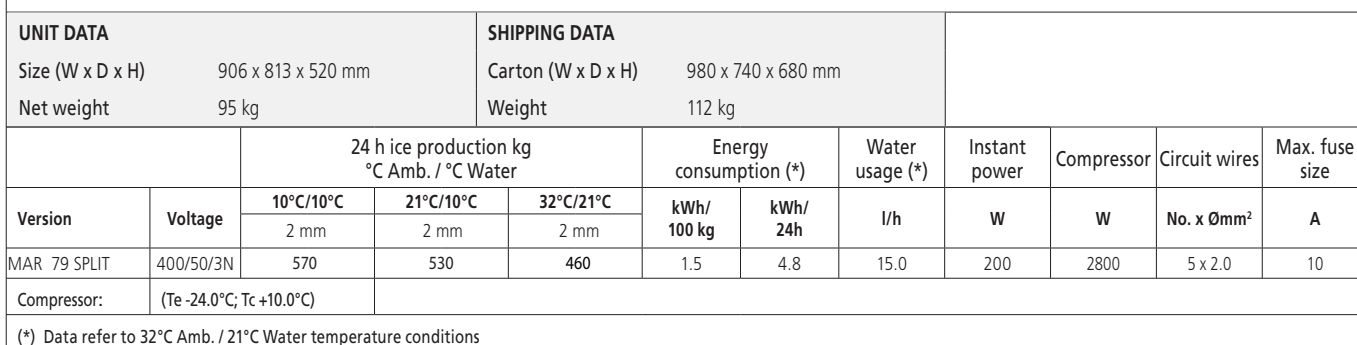
Modular Ice Machine 570 kg

	FEATURES • Scale ice machine, in split system” version; built-in unit. Storage bin not supplied, to be purchased separately. • To be connected to condensing unit or central cooling system (low temperature). • AISI304 Stainless steel evaporator and ice scraper blade. Redesigned evaporator compartment end-walls. • Foodgrade ABS plastic water sump tray, easy remove for cleaning and sanitising. • Electromechanical control panel. Electrical protections, rotation speed & reverse phase controls. • Low- water sensor protection. Storage bin thermostatic ice level sensor. Drive motor / gear reducer with V-Belt drive. • Stainless steel panels in scotch-brite finish, with rounded corners, easy to remove for maintenance. • Supplied w/ electronic expansion valve, pressure regulating valve (KVR), liquid line safety valve 60bar, suction line safety valve 30bar.						
 MAR 79 Scale ice Residual water content 2% Thickness mm	CONDENSING SYSTEM	RECOMMENDED BINS					
	SPLIT	Head	Bins		kg		
		MAR 79	●	UBH1100	553		
			●	UBH1600	812		
			●	UBH2250	1068		
			●	SIS300	137 + 73		
			●	SIS700	318 + 73		
			●	SIS1350	613 + 73 + 73		
	REFRIGERANT GAS						
	R744						
	VOLTAGE V/Hz/ph						
	400/50/3N						
LEGEND: ✔ : Perfect combination between ice maker and bin ● : Ice chute cut-out performed upon installation CBTxxxxxxxx : need additional bin top							
OPERATING REQUIREMENTS							
	Minimum		Maximum				
Air temperature	10		43				
Water temperature	5		38				
Water pressure	1 bar (14 psi)		5 bar (70 psi)				
Electrical voltage	-10		+10				

Modular Ice Machine 486 kg

Modular Ice Machine 570 kg

Modular Ice Machine 486 kg



MAR 109

EcoX

Modular Ice Machine 648 kg

		FEATURES • Scale ice machine, in split system" version; built-in unit. Storage bin not supplied, to be purchased separately. • To be connected to condensing unit or central cooling system (low temperature). • AISI304 Stainless steel evaporator and ice scraper blade. Redesigned evaporator compartment end-walls. • Foodgrade ABS plastic water sump tray, easy remove for cleaning and sanitising. • Electromechanical control panel. Electrical protections, rotation speed & reverse phase controls. • Low- water sensor protection. Storage bin thermostatic ice level sensor. Drive motor / gear reducer with V-Belt drive. • Stainless steel panels in scotch-brite finish, with rounded corners, easy to remove for maintenance. • Supplied w/ electronic expansion valve, pressure regulating valve (KVR), liquid line safety valve 60bar, suction line safety valve 30bar.			
 MAR 109 Scale ice Residual water content 2% Thickness 2 mm	CONDENSING SYSTEM	RECOMMENDED BINS			
		Head	Bins		kg
	SPLIT	MAR 109	●	UBH1100	553
			●	UBH1600	812
			●	UBH2250	1068
			●	SIS700	318 + 73
			●	SIS1350	613 + 73 + 73
	REFRIGERANT GAS				
	VOLTAGE V/Hz/ph	LEGEND: ✔ : Perfect combination between ice maker and bin ● : Ice chute cut-out performed upon installation CBTxxxxxxxx : need additional bin top			
	400/50/3N				
		OPERATING REQUIREMENTS			
		Minimum		Maximum	
Air temperature		10		43	
Water temperature		5		38	
Water pressure		1 bar (14 psi)		5 bar (70 psi)	
Electrical voltage		-10		+10	

Modular Ice Machine 648 kg

Modular Ice Machine 648 kg

Front view dimensions: 266 mm (width), 344 mm (depth), 520 mm (height).

Side view dimensions: 192 mm (width), 621 mm (depth).

Top view dimensions: 876 mm (width), 30 mm (height).

Bottom view shows the base mounting feet.

UNIT OF MEASUREMENT: mm

1. 13/16" WATER OUTLET
2. 3/4" GAS - WATER INLET
3. Ø 9.5 REFRIGERANT LIQUID
4. Ø 16 REFRIGERANT GAS
5. CORD SET
6. TIMER (OPTIONAL) CONNECTIONS

Dimensions for rear panel connections:
Total height: 483 mm
Distance from top to connection 1: 370 mm
Distance between connection 1 and 2: 220 mm
Distance between connection 2 and 3: 100 mm
Distance between connection 3 and 4: 45 mm
Horizontal distance from left edge to connection 4: 60 mm
Vertical distances between connections 5 and 6 are 38 mm and 39 mm respectively.

UNIT DATA				SHIPPING DATA							
Size (W x D x H)		906 x 813 x 520 mm		Carton (W x D x H)		980 x 740 x 680 mm					
Net weight		95 kg		Weight		112 kg					
		24 h ice production kg °C Amb. / °C Water			Energy consumption (*)		Water usage (*)	Instant power	Compressor	Circuit wires	Max. fuse size
Version	Voltage	10°C/10°C	21°C/10°C	32°C/21°C	kWh/100 kg	kWh/24h	l/h	W	W	No. x Ømm²	A
		2 mm	2 mm	2 mm							
MAR 109 SPLIT	400/50/3N	648	648	504	0.8	4.2	23.3	190	4000	5 x 1.5	10
Compressor:		(Te -25.0°C; Tc +10.0°C)									

(*) Data refer to 32°C Amb. / 21°C Water temperature conditions

UNIT DATA				SHIPPING DATA							
Size (W x D x H)		906 x 813 x 520 mm		Carton (W x D x H)		980 x 740 x 680 mm					
Net weight		95 kg		Weight		112 kg					
		24 h ice production kg °C Amb. / °C Water			Energy consumption (*)		Water usage (*)	Instant power	Compressor	Circuit wires	Max. fuse size
Version	Voltage	10°C/10°C	21°C/10°C	32°C/21°C	kWh/ 100 kg	kWh/ 24h	l/h	W	W	No. x Ømm²	A
		2 mm	2 mm	2 mm							
MAR 109 SPLIT	400/50/3N	648	648	504	0.8	4.2	23.3	190	4000	5 x 1.5	10
Compressor:		(Tc -25.0°C; Tc +10.0°C)									
(*) Data refer to 32°C Amb. / 21°C Water temperature conditions											

MAR 129

Modular Ice Machine 1000 kg



FEATURES

- Daily production up to 1000 Kg in 24 hr (ø 2 mm. ice thickness only).
- Scale ice machine, in "split system" version; evaporator only.
- Storage bin not supplied, to be purchased separately.
- To be connected to condensing unit or central cooling system (low temperature).
- AISI304 Stainless steel evaporator and ice scraper blade. Redesigned evaporator compartment end-walls.
- Foodgrade ABS plastic water sump tray, easy remove for cleaning and sanitising. Electromechanical control panel.
- Low- water sensor protection. Storage bin thermostatic ice level sensor. Drive motor / gear reducer with V-Belt drive.
- Supplied w/ electronic expansion valve, pressure regulating valve (KVR), liquid line safety valve 60bar, suction line safety valve 30bar.



MAR 129
Scale ice
Residual water content 2%
Thickness 2 mm

CONDENSING SYSTEM

SPLIT

REFRIGERANT GAS

R744

VOLTAGE V/Hz/ph

400/50/3N

RECOMMENDED BINS

Head	Bins		kg
MAR 129	●	UBH1100	553
	●	UBH1600	812
	●	UBH2250	1068
	●	SIS700	318 + 73
	●	SIS1350	613 + 73 + 73

LEGEND:

- ✓ : Perfect combination between ice maker and bin
- : Ice chute cut-out performed upon installation
- CBTxxxxxxx : need additional bin top

OPERATING REQUIREMENTS

	Minimum	Maximum
Air temperature	10	43
Water temperature	5	38
Water pressure	1 bar (14 psi)	5 bar (70 psi)
Electrical voltage	-10	+10

Modular Ice Machine 1000 kg

Modular Ice Machine 1000 kg

Modular Ice Machine 1000 kg



Modular Ice Machine 1000 kg

Modular Ice Machine 1000 kg

MAR 209

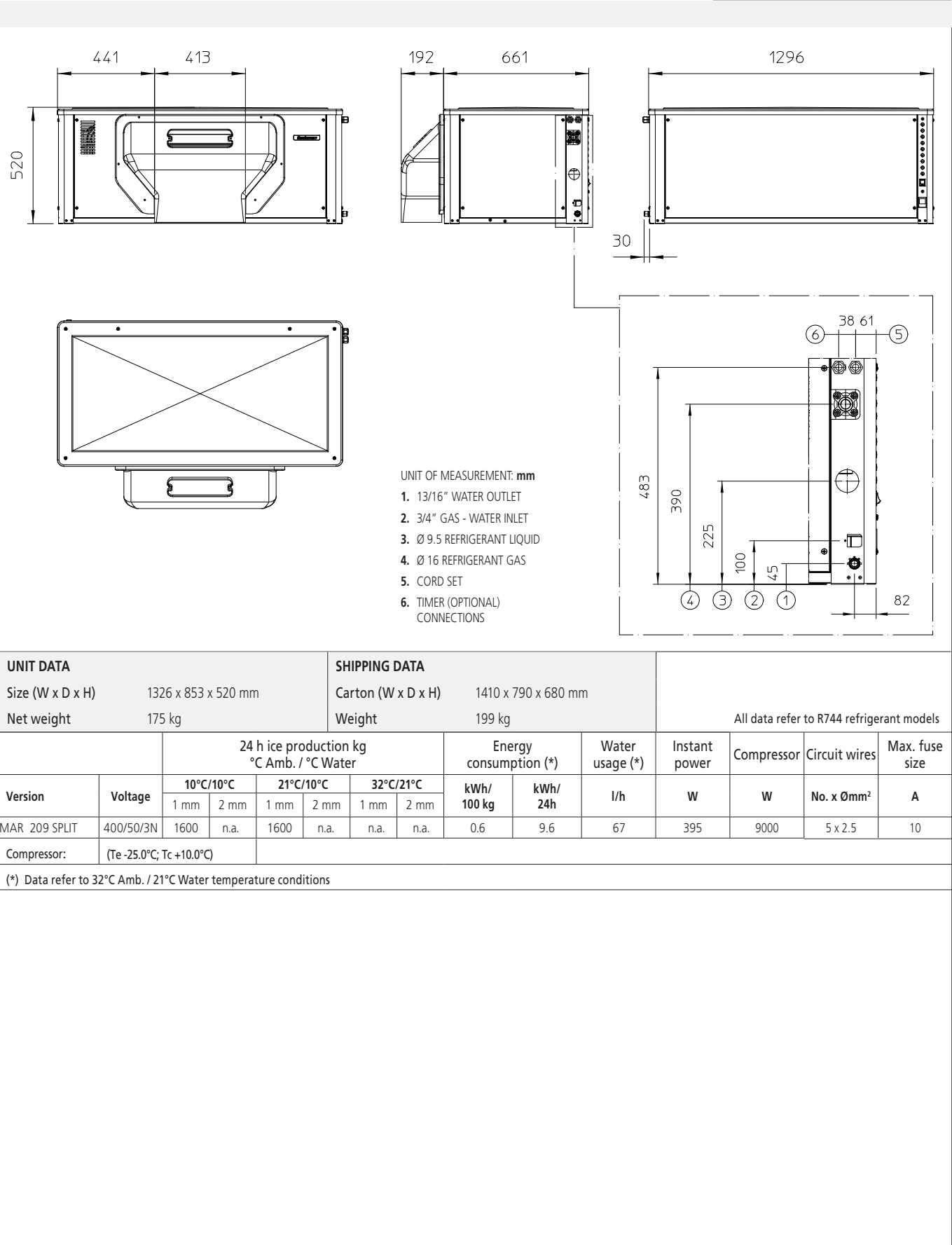
Modular Ice Machine 1600 kg

	FEATURES • Scale ice machine, in “split system” version; built-in unit. Storage bin not supplied, to be purchased separately. • To be connected to condensing unit or central cooling system (low temperature). • AISI304 Stainless steel evaporator and ice scraper blade. Redesigned evaporator compartment end-walls. • Redesigned evaporator compartment end-walls, electromechanical control panel. • Electromechanical control panel. Electrical protections, rotation speed & reverse phase controls. • Low- water sensor protection. Storage bin thermostatic ice level sensor. Drive motor / gear reducer with V-Belt drive. • Stainless steel panels in scotch-brite finish, with rounded corners, easy to remove for maintenance. • Supplied w/expansion valve, solenoid valve, pressure regulating valve (KVP), heat exchanger.				
 MAR 209 Scale ice Residual water content 2% Thickness 1 or 2 mm	CONDENSING SYSTEM	RECOMMENDED BINS			
		Head	Bins	kg	
	SPLIT	MAR 209		UBH1600	812
				UBH2250	1068
				SIS1350	613 + 73 + 73
	REFRIGERANT GAS	LEGEND:  : Perfect combination between ice maker and bin  : Ice chute cut-out performed upon installation CBTxxxxxxxx : need additional bin top			
R744					
VOLTAGE V/Hz/ph					
400/50/3N					
		OPERATING REQUIREMENTS			
		Minimum	Maximum		
Air temperature		10	43		
Water temperature		5	38		
Water pressure		1 bar (14 psi)	5 bar (70 psi)		
Electrical voltage		-10	+10		

Modular Ice Machine 1600 kg

MAR 209

Modular Ice Machine 1600 kg



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