



ICE CREAM FREEZER BROCHURE

IN PARTNERSHIP WITH AHT COOLING SYSTEMS SUPERMARKET (UK) LTD



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AHT Sao Paulo (LED)

RELIABLE AND FLEXIBLE SCOOPING TO SHOW OFF YOUR BEAUTIFUL ICE CREAMS

Key Benefits:

- Excellent product visibility
- Ready to plug in
- Easy to move
- Environmentally friendly
- Bespoke branding
- Very simple maintenance
- Adjustable thermostat
- Great for point of sale
- 4 litres frame (optional)
- Retail frame (optional)



SAO PAULO	100	125	150	175
Type of refrigerating appliance with a direct sales function	Ice cream freezer	-	-	-
Use	Display & Sale	-	-	-
Temperature class acc. EN 16901	C1	C1	C1	C1
Climate class acc. EN 16901	B	B	B	B
Cabinet family code acc. EN 16901	ICFT	ICFT	ICFT	ICFT
Energy efficiency index EEI	37,5 %	34,9 %	36,3 %	40,7 %
Energy efficiency class	D	C	D	D



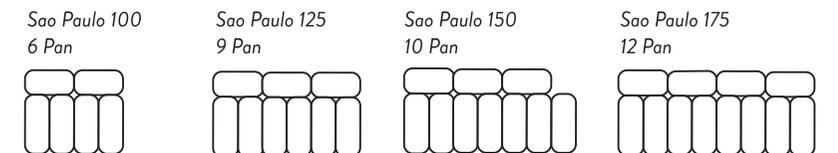
ENERGY EFFICIENCY CLASS	EEI
A	EEI < 10
B	10 ≤ EEI < 20
C	20 ≤ EEI < 35
D	35 ≤ EEI < 50
E	50 ≤ EEI < 65
F	65 ≤ EEI < 80
G	100 > EEI ≥ 80

	Sao Paulo 100	Sao Paulo 125	Sao Paulo 150	Sao Paulo 175	
Dimensions					
gross content	299	402	504	607	Litre
net content	241	326	412	497	Litre
total display area (TDA)	0,47	0,61	0,75	0,89	m ²
length outside / inside	998 / 850	1248 / 1100	1498 / 1350	1748 / 1600	mm
depth outside / inside	709 / 560	709 / 560	709 / 560	709 / 560	mm
height outside front / rear	883 / 883	883 / 883	883 / 883	883 / 883	mm
stacking height front / rear	610 / 610	610 / 610	610 / 610	610 / 610	mm
net weight	68	78	88	98	kg
gross weight	70	80	90	100	kg
Operation					
ambient temperature (min ... max)	16 ... 35	16 ... 35	16 ... 35	16 ... 35	°C
ambient humidity (RH) (min ... max)	80 ... 75	80 ... 75	80 ... 75	80 ... 75	%
recommended temperature(s) for optimised food storage	-18	-18	-18	-18	°C
sound pressure in 1 m distance	39	40	40	43	dB(A)
blowing agent	R-601 (HC) GWP 5	-	-	-	
Electrical supply					
nominal voltage / frequency	220-240 / 50	220-240 / 50	220-240 / 50	220-240 / 50	V / Hz
nominal power max. acc. EN 60335-2-89	280	300	300	320	W
nominal current max. acc. EN 60335-2-89	2,3	2,5	2,5	2,8	A
fuse protection	RCBO, 30mA, C10	-	-	-	
length of power supply cord	1750	1750	1750	1750	mm
Energy consumption					
daily energy consumption* Edaily	1,81	2,01	2,43	3,10	kWh/24h
annual energy consumption AE	660,75	733,29	886,15	1129,70	kWh/a
HVAC					
rejected heat capacity*	75	84	101	129	W
dehumidification*	0	0	0	0	Litre/24h
Refrigeration system					
refrigerant type	R-290 (HC) GWP3	-	-	-	
refrigerant charge max.	0,060	0,070	0,080	0,085	kg
max. allowable operating pressure	30	30	30	30	bar

Functioning Environment: Our Freezers are designed to work at room temperature between 16°C - 35°C and 70% humidity (Class 7).

Beyond those thresholds the cabinets functions may be affected and it will be necessary to check the stores temperature. We recommend the use of air conditioning.

* Please note, underneath the serving area on this unit you can store the same amount of tubs as you display
***Layout is for 5 litres frame.**



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AHT Boston 210 Scooping Freezer

MAXIMUM DISPLAY & STORAGE PLUS UNBEATABLE VALUE FOR MONEY

Key Benefits:

- Excellent product visibility
- Ready to plug in
- Easy to move
- Environmentally friendly
- Bespoke branding
- Very simple maintenance
- Adjustable thermostat
- Great for point of sale

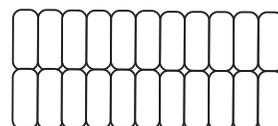


AHT Boston 210	Boston 210	
Gross capacity	1340	L
Net capacity according to EN23953	710	L
Classification according to EN23953	3L1	
Ambient temperature	16°C to 25°C	°C
Maximum ambient humidity	60 %	
Product temperature setting range	-12° to -23°C	°C
Electrical Specifications		
Rated voltage / frequency	230V/50Hz	V/Hz
Consumption (at 25 °C)	5.1	
Refrigeration characteristics		
Refrigerant	R-290	Gas
Dimensions		
Width outside	2102	mm
Cabinet Height outside (excluding canopy)	1178	mm
Max. depth outside	854	mm
Weight		
Net weight (excluding packaging)	161	kg
Gross weight (with packaging)	180	kg

Functioning Environment: Our Freezers are designed to work at room temperature between 16° - 25°C and 60% humidity (Class 3).

Beyond those thresholds the cabinets functions may be affected and it will be necessary to check the stores temperature. We recommend the use of air conditioning.

*Please note. There is room to store extra products under the baskets of the Boston unit.



• 22 Pan Display

ENERGY EFFICIENCY CLASS	EEL
A	EEL < 10
B	10 ≤ EEL < 20
C	20 ≤ EEL < 35
D	35 ≤ EEL < 50
E	50 ≤ EEL < 65
F	65 ≤ EEL < 80
G	100 > EEL ≥ 80



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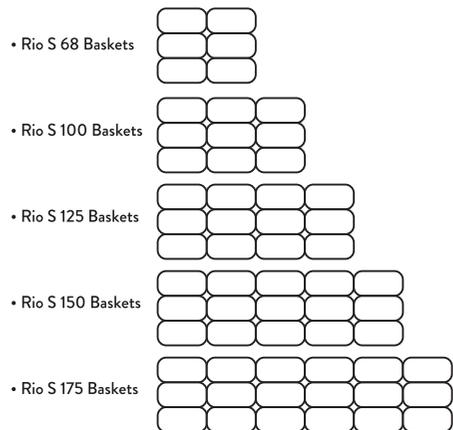
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AHT Rio S

PERFECT FOR OUR DELICIOUS 125ML IMPULSE RANGE

Key Benefits:

- Excellent product visibility
- Ready to plug in
- Easy to move
- Environmentally friendly
- Bespoke branding
- Very simple maintenance
- Adjustable thermostat



ENERGY EFFICIENCY CLASS	EEI
A	EEI < 10
B	10 ≤ EEI < 20
C	20 ≤ EEI < 35
D	35 ≤ EEI < 50
E	50 ≤ EEI < 65
F	65 ≤ EEI < 80
G	100 > EEI ≥ 80

	Rio S 68	Rio S 100	Rio S 125	Rio S 150	Rio S 175	
Dimensions						
gross content	141	252	339	426	513	Litre
net content	102	190	258	327	396	Litre
total display area (TDA)	0,25	0,41	0,54	0,66	0,79	m ²
length outside / inside	680 / 530	1000 / 850	1250 / 1100	1500 / 1350	1750 / 1600	mm
depth outside / inside	650 / 500	650 / 500	650 / 500	650 / 500	650 / 500	mm
height outside front / rear	769 / 883	769 / 883	769 / 883	769 / 883	769 / 883	mm
stacking height front / rear	530 / 570	530 / 570	530 / 570	530 / 570	530 / 570	mm
net weight	51	69	73	83	85	kg
gross weight	54	75	80	91	92	kg

Operation						
ambient temperature (min ... max)	16 ... 35	16 ... 35	16 ... 35	16 ... 35	16 ... 35	°C
ambient humidity (RH) (min ... max)	80 ... 75	80 ... 75	80 ... 75	80 ... 75	80 ... 75	%
recommended temperature(s) for optimised food storage	-18	-18	-18	-18	-18	°C
sound pressure in 1 m distance	39	39	40	40	43	dB(A)
blowing agent	R-601 (HC) GWP 5	-	-	-	-	

Electrical supply						
nominal voltage / frequency	220-240 / 50	220-240 / 50	220-240 / 50	220-240 / 50	220-240 / 50	V / Hz
nominal power max. acc. EN 60335-2-89	240	280	320	320	370	W
nominal current max. acc. EN 60335-2-89	2,1	2,3	2,8	2,8	3,7	A
fuse protection	RCBO, 30mA, C10	-	-	-	-	
length of power supply cord	1750	1750	1750	1750	1750	mm

Energy consumption						
daily energy consumption* Edaily	1,31	1,78	3,05	3,10	3,68	kWh/24h
annual energy consumption AE	477,87	650,09	1112,93	1129,70	1343,06	kWh/a

HVAC						
rejected heat capacity*	55	74	127	129	153	W
dehumidification*	0	0	0	0	0	Litre/24h

Refrigeration system						
refrigerant type	R-290 (HC) GWP3	-	-	-	-	
refrigerant charge max.	0,050	0,060	0,075	0,085	0,080	kg
max. allowable operating pressure	30	30	30	30	30	bar

RIO S	68 G CSGW	100 G CSGW	125 G CSGW	150 G CSGW	175 G CSGW
Type of refrigerating appliance with a direct sales function	Ice cream freezer	-	-	-	-
Use	Display & Sale	-	-	-	-
Temperature class acc. EN 16901	C1	C1	C1	C1	C1
Climate class acc. EN 16901	B	B	B	B	B
Cabinet family code acc. EN 16901	ICFT	ICFT	ICFT	ICFT	ICFT
Energy efficiency index EEI	39,5 %	41,7 %	45,9 %	52,9 %	56,5 %
Energy efficiency class	D	D	D	E	E

Functioning Environment: Our Freezers are designed to work at room temperature between 16°C and 35°C degrees and 70% humidity (Class 7).

Beyond those thresholds the cabinets functions may be affected and it will be necessary to check the stores temperature. We recommend the use of air conditioning.

*Please note. There is room to store extra products under the baskets of the Rio units.



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Why purchase the AHT Rio S range when it comes to Impulse Display Chests?

- Very low energy consumption
- Galvanized steel inner liner, paired white so more robust than aluminium and also won't corrode.
- NO or very little icing in our cabinets (100% tight - no silicone joints in the 4 angles inside the cabinet)
- Very solid glass lids with frames moulded directly on the glass in one piece
(no assembly - impossible to rip off the frame and the handle) Avoid Investment in new sets of glass lids for existing freezers
- The frame of our cabinet is in one piece, It is directly moulded on the cabinet during production (no assembly)
- The frame of our cabinet is very solid (ABS)
- Solid bottom and fixation of the wheels
- All components in the compressor room are placed on a drawer (easy to pull out and give easy access for repair)
- The Rio S is climate class 7, meaning it will work as expected in ambient conditions of up to 35°C and 70% humidity.



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AHT Rio H 68 Eutectic and trolley option

Key Benefits:

- Excellent product visibility
- Ready to plug in
- Easy to move
- Environmentally friendly
- Bespoke branding
- Very simple maintenance
- Adjustable thermostat



ENERGY EFFICIENCY CLASS	EEI
A	EEI < 10
B	10 ≤ EEI < 20
C	20 ≤ EEI < 35
D	35 ≤ EEI < 50
E	50 ≤ EEI < 65
F	65 ≤ EEI < 80
G	100 > EEI ≥ 80

- The Rio H 68 Eutectic is a climate class 7. Whilst you are serving from this beautifully designed eutectic freezer, you have the peace of mind that the refrigeration system on this unit is designed to work in ambient temperatures of up to 35°C and 70% humidity.
- The bespoke trolley has a space to put your own parasol. This will also help protect the freezer from ambient conditions
- Once fully charged for the recommended time, the Rio H 68 Eutectic can be used for up to 6 hours without being plugged in.
- Full vinyl branding can be applied for extra advertising

AHT Rio H 68 Eutectic and Cart

Dimensions

gross content	146	Liter
net content	122	Liter
total display area (TDA)	0,00	m ²
length outside / inside	680 / 530	mm
depth outside / inside	650 / 500	mm
height outside front / rear	883 / 883	mm
stacking height front / rear	630 / 630	mm
net weight	53	kg
gross weight	56	kg

Operation

ambient temperature (min ... max)	16 ... 35	°C
ambient humidity (RH) (min ... max)	80 ... 75	%
recommended temperature(s) for optimised food storage	-18	°C
sound pressure in 1 m distance	39	dB(A)
blowing agent	R-601 (HC) GWP 5	

Electrical supply

nominal voltage / frequency	220-240 / 50	V / Hz
nominal power max. acc. EN 60335-2-89	240	W
nominal current max. acc. EN 60335-2-89	2,1	A
fuse protection	RCBO, 30mA, C10	
length of power supply cord	1750	mm

Energy consumption

daily energy consumption* Edaily	1,17	kWh/24h
annual energy consumption AE	427,05	kWh/a

HVAC

rejected heat capacity*	49	W
dehumidification*	0	Liter/24h

Refrigeration system

refrigerant type	R-290 (HC) GWP3	
refrigerant charge max. acc. EN 16901	0,050	kg
max. allowable operating pressure	30	bar

Type of refrigerating appliance with a direct sales function

Use	Ice cream freezer
Temperature class acc. EN 16901	Display & Sale
Climate class acc. EN 16901	C1
Cabinet family code acc. EN 16901	B
Energy efficiency index EE	ICFS
Energy efficiency class	33,9 %
	C

100ml tub capacity

Rio H Eutectic - 300 tubs (approx)

Functioning Environment:

Our Freezers are designed to work at room temperature between 16° and 35° C and a maximum of 70% humidity (Class 7).

Beyond those thresholds the cabinets functions may be affected and it will be necessary to check the stores temperature. We recommend the use of air conditioning.



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AHT Scoop Washer Accessory

COMPATIBLE WITH ANY FREEZER

Key Benefits:

- Mounting angle bracket 380mm long made from brushed finished stainless steel with 3M VHB double sided tape (as specified)
- Pre-fitted to the 150mm wide back for fixing to a fresh powder coated finish
- Top face 120mm with two holes for Gastronome containers.
- Each bracket comes complete with 2no size 1/9 x 150mm deep
- Gastronome containers made from pressed stainless steel
- The assembly weighs 1.6kg excluding water and scoops, which are not included



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AHT Boston Top Shelf

A NEW ACCESSORY TO OUR RANGE.

Running out of space for cones, tubs and sprinkles?

Why not use the newly launched Boston Top Shelf!

This Product is an optional extra and is available to order now



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Handling guide for freezers

REFER TO YOUR UNITS USER GUIDE FOR MODEL SPECIFIC ADVICE

Troubleshooting

In the unlikely event your unit is not operating to its optimum performance please ensure the following checks have been carried out before contacting the responsible service team.

Cabinet not running correctly:

- Check the electrical supply
- Check the thermostat setting
- Check the power supply connection

Cabinet not at the correct temperature:

- Check the air grille is not covered and at least 5cm is free around the freezer
- Check the cabinet is not in direct sunlight
- Check the lids/doors have not been left open
- Check the load line has not been exceeded

Positioning your cabinet

- Cabinet should be placed on a flat surface
- Site the cabinet away from other sources of heat (radiators, direct sunlight and other equipment such as fridges, freezers, ovens etc)
- Consider the limits of the climate classification (heat and humidity)
- After transportation please leave the cabinet 4 hours unplugged Cabinet will take 2-3 hours to reach temperature
- Keep the lids/doors closed whenever possible

Operating your cabinet

- Do not make any technical changes to your cabinet. Otherwise there is a risk of injury/ electric shock
- Do not climb onto the lid or on top of the cabinet.
- Do not exceed the load line on the cabinet as this will impact performance
- For scooping units all pan displays should be filled to ensure correct operation

Looking after your cabinet

- Your unit does not need much maintenance but simple steps will prolong the life of the unit and ensure it works correctly
- Regularly wipe off the outside of the compressor grille with a dry cloth to remove any dust or debris build-up. You can also gently use a vacuum nozzle for this. **NEVER USE A STEAM OR HIGH PRESSURE CLEANER**
- Caution: Before removing the grille, always remove the plug from the power supply
- All work on the power supply must be performed by suitably qualified staff

Defrost

- Ice build-up of 10mm indicates defrosting is required
- Empty the cabinet of all products
- Place a tray under the external drain hole (if the unit has one)
- To speed the process up you can place a container of warm water inside the unit
- Never use sharp implements to scrape as this may damage the unit
- When the ice has melted away clean the unit with soap and water (no chemical detergent)
- Ensure the unit is completely dry before switching back on (to avoid ice build up and condensation)

Cabinet Storage for end/start of season

Be sure to defrost, clean and dry the unit fully. Leave lids/door open Cover the unit with a sheet (to protect against dust or dirt)



AHT Service Hotline
Call - 01280 826600 (option 2)



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