

## Horizontal Display Freezers

Image				
Brand	Inefficient model	<a href="#">Novum</a>	<a href="#">Novum</a>	<a href="#">AHT</a>
Model		601L (no lighting)	Aran 806 SC	Athen XL ECO 175 (-) ...
Other models		610L (no lighting), 601L (with LED), 610L (with LED)		
Electricity costs (€ in 8 years)	6717	1862	4594	3797
Total display area (m2)	1.56	0.82	1.14	1.25
Net volume (liters)	893	484	742	709
Storage temperature (°C)	-18...-25	-18...-23	-18...-25	-18...-23
Temperature class	L1 (-15...-18°C)	L1 (-15...-18°C)	L1 (-15...-18°C)	L1 (-15...-18°C)
Climate class	3 (25°C, 60% RH)	3 (25°C, 60% RH)	3 (25°C, 60% RH)	3 (25°C, 60% RH)
Draft energy index	59.0	26.1	44.7	39.5
Energy (kWh/year)	4'198	1'164	2'871	2'373
Refrigerant	R507	R290	R290	R290
Cooling	Static	Static	Forced-air	Static
Countries available	EU	EU	EU	EU

## Horizontal Display Freezers




Image				
Brand	<a href="#">AHT</a>	<a href="#">ArcaBoa</a>	<a href="#">ArcaBoa</a>	<a href="#">Novum</a>
Model	Athen XL ECO 250 (U) ...	Dupla 2.2 DR	Dupla Topo DR	Grand Cayman 1008 SC (no lighting)
Other models	Athen XL ECO... : 250 (-), 210 (U), 210 (-), 207 (U), 207 (-)	Dupla 2.2 R	Dupla Topo R	Grand Cayman 1008 SC-LED, Grand Cayman 1008 EOA (no lighting), Grand Cayman 1008 EOA-LED
Electricity costs (€ in 8 years)	5203	5549	2294	3504
Total display area (m2)	1.86	2.65	0.65	1.48
Net volume (liters)	1025	1255	334	830
Storage temperature (°C)	-18...-23/ 0...+2/ +3...+15	-18...-23	-18...-23	-18...-23
Temperature class	L1 (-15...-18°C)	L1 (-15...-18°C)	L1 (-15...-18°C)	L1 (-15...-18°C)
Climate class	3 (25°C, 60% RH)	3 (25°C, 60% RH)	3 (25°C, 60% RH)	3 (25°C, 60% RH)
Draft energy index	39.7	31.4	37.2	32.1
Energy (kWh/year)	3'252	3'468	1'434	2'190
Refrigerant	R290	R290	R290	R290
Cooling	Static/ Forced-air/ Forced-air	Static	Static	Forced-air
Countries available	EU	EU	EU	EU

Image				
Brand	<a href="#">AHT</a>	<a href="#">AHT</a>	<a href="#">Novum</a>	<a href="#">AHT</a>
Model	Ibiza 145 (U) ...	Ibiza 210 (U) ...	Line 601FF (no lighting)	Macao 145 (U) ...
Other models	Ibiza 145 (-) ...	Ibiza 210 (-) ...	Line 601FFL, Line 610FF (no lighting), Line 610FFL	Macao 145 (-) ...
Electricity costs (€ in 8 years)	3680	4789	2453	3387
Total display area (m2)	0.86	1.3	0.8	0.84
Net volume (liters)	342	561	468	217
Storage temperature (°C)	-18...-23/ 0...+2/ +3...+15	-18...-23/ 0...+2/ +3...+15	-18...-23	-18...-23/ 0...+2/ +3...+15
Temperature class	L1 (-15...-18°C)	L1 (-15...-18°C)	L1 (-15...-18°C)	L1 (-15...-18°C)
Climate class	3 (25°C, 60% RH)	3 (25°C, 60% RH)	3 (25°C, 60% RH)	3 (25°C, 60% RH)
Draft energy index	49.9	48.4	34.9	46.7
Energy (kWh/year)	2'300	2'993	1'533	2'117
Refrigerant	R290	R290	R290	R290
Cooling	Static/ Forced-air/ Forced-air	Static/ Forced-air/ Forced-air	Forced-air	Static/ Forced-air/ Forced-air
Countries available	EU	EU	EU	EU

## Horizontal Display Freezers

Image				
Brand	<a href="#">AHT</a>	<a href="#">AHT</a>	<a href="#">AHT</a>	<a href="#">Carrier</a>
Model	Macao 210 (U) ...	Manhattan ECO 175 (U) ...	Miami ECO 185 (U) L ...	Multinor 1530 G
Other models	Macao 210 (-) ...	Manhattan ECO 175 (-) ...	Miami ECO ...: 185 (-), 210 (U), 210 (-), 250 (U) L, 250 (-)	
Electricity costs (€ in 8 years)	3797	4016	4038	1928
Total display area (m2)	1.26	1.08	1.26	1.03
Net volume (liters)	338	605	547	242
Storage temperature (°C)	-18...-23/ 0...+2/ +3...+15	-18...-23/ 0...+2/ +3...+15	-18...-23	-18...-23
Temperature class	L1 (-15...-18°C)	L2 (-12...-18°C)	L1 (-15...-18°C)	3H
Climate class	3 (25°C, 60% RH)	3 (25°C, 60% RH)	3 (25°C, 60% RH)	3 (25°C, 60% RH)
Draft energy index	39.3	46.5	41.8	23.1
Energy (kWh/year)	2'373	2'510	2'524	1'205
Refrigerant	R290	R290	R290	R290
Cooling	Static/ Forced-air/ Forced-air	Static/ Forced-air/ Forced-air	Static/ Forced-air/ Forced-air	Forced-air
Countries available	EU	EU	EU	EU

## Horizontal Display Freezers




Image				
Brand	<a href="#">JBG 2</a>	<a href="#">AHT</a>	<a href="#">AHT</a>	<a href="#">Liebherr</a>
Model	Pamir Island / WNPA-1530-01 3L1-I-R290-CSS-I4E	Paris ECO 185 (U) ...	Paris ECO 250 (U) ...	ST 1122
Other models	with lighting	Paris ECO ... : 185 (-), 180 (U), 180 (-), 175 (U), 175 (-), 145 (U), 145 (-)	Paris ECO ... : 250 (-), 210 (U), 210 (-)	SGT 1122, STE 1122
Electricity costs (€ in 8 years)	3563	3182	3766	3117
Total display area (m2)	1.02	1.04	1.54	1.41
Net volume (liters)	223	529	770	540
Storage temperature (°C)	-21...-25	-18...-23/ 0...+2/ +3...+15	-18...-23/ 0...+2/ +3...+15	-19...-21/ +2...+4
Temperature class	L1 (-15...-18°C)	L1 (-15...-18°C)/S/S	L1 (-15...-18°C)/S/S	L1 (-15...-18°C)
Climate class	3 (25°C, 60% RH)	3 (25°C, 60% RH)	3 (25°C, 60% RH)	3 (25°C, 60% RH)
Draft energy index	43.0	37.9	33.4	29.7
Energy (kWh/year)	2'227	1'989	2'354	1'948
Refrigerant	R290	R290	R290	R290
Cooling	Forced-air	Static/ Forced-air/ Forced-air	Static/ Forced-air/ Forced-air	Static/ Forced-air/ Forced-air
Countries available	EU	EU	EU	EU

Image				
Brand	<a href="#">Liebherr</a>	<a href="#">Liebherr</a>	<a href="#">Liebherr</a>	<a href="#">Liebherr</a>
Model	ST 1322	STEm 872	STEs 772	STm 1172
Other models	SGT 1322	SGTEm 872	SGTEs 772	SGTm 1172
Electricity costs (€ in 8 years)	3688	2398	2366	2851
Total display area (m2)	1.71	1.19	1.19	1.68
Net volume (liters)	669	550	497	816
Storage temperature (°C)	-19...-21/ +2...+4	-18...-23	-18...-23	-18...-23
Temperature class	L1 (-15...-18°C)	L1 (-15...-18°C)	L1 (-15...-18°C)	L1 (-15...-18°C)
Climate class	3 (25°C, 60% RH)	3 (25°C, 60% RH)	3 (25°C, 60% RH)	3 (25°C, 60% RH)
Draft energy index	30.1	25.9	25.6	23.6
Energy (kWh/year)	2'305	1'499	1'479	1'782
Refrigerant	R290	R290	R290	R290
Cooling	Static/ Forced-air/ Forced-air	Static	Static	Static
Countries available	EU	EU	EU	EU

## Horizontal Display Freezers

Image				
Brand	<a href="#">Liebherr</a>	<a href="#">Liebherr</a>	<a href="#">Liebherr</a>	<a href="#">ArcaBoa</a>
Model	STm 972	STs 1072	STs 872	Super 2 DR
Other models	SGTm 972	SGTs 1072	SGTs 872	Super 2 R
Electricity costs (€ in 8 years)	2627	2712	2594	3504
Total display area (m2)	1.4	1.68	1.4	1.49
Net volume (liters)	664	740	601	580
Storage temperature (°C)	-18...-23	-18...-23	-18...-23	-18...-23
Temperature class	L1 (-15...-18°C)	L1 (-15...-18°C)	L1 (-15...-18°C)	L1 (-15...-18°C)
Climate class	3 (25°C, 60% RH)	3 (25°C, 60% RH)	3 (25°C, 60% RH)	3 (25°C, 60% RH)
Draft energy index	25.1	22.5	24.8	31.9
Energy (kWh/year)	1'642	1'695	1'621	2'190
Refrigerant	R290	R290	R290	R290
Cooling	Static	Static	Static	Static
Countries available	EU	EU	EU	EU

## Horizontal Display Freezers

Image			
Brand	<a href="#">ArcaBoa</a>	<a href="#">AHT</a>	
Model	Super 2.5 DR	Sydney XL 213 (-) ...	
Other models	Super 2.5 R	Sydney XL ... : 213 (U), 223 (U), 223 (-), 230 (-), 250 (U), 175 XL (U), 175 XL (-), 210 XL (U), 210 XL (-), 250 XL (U), 250 XL (-)	
Electricity costs (€ in 8 years)	4205	3738	
Total display area (m2)	1.9	1.39	
Net volume (liters)	750	677	
Storage temperature (°C)	-18...-23	-18...-23	
Temperature class	L1 (-15...-18°C)	L1 (-15...-18°C)	
Climate class	3 (25°C, 60% RH)	3 (25°C, 60% RH)	
Draft energy index	31.6	35.9	
Energy (kWh/year)	2'628	2'336	
Refrigerant	R290	R290	
Cooling	Static	Static	
Countries available	EU	EU	