







Horizontal Display Freezers


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|-------------------------------------|---|---|--|---|
| Image |  |  |  |  |
| Brand | Carrier | Inefficient model | AHT | ArcaBoa |
| Model | Multinor 1530 G | | Macao 210 (U) ... | Dupla Topo DR |
| Other models | | | Macao 210 (-) ... | Dupla Topo R |
| Electricity costs (€ in 8 years) | 1928 | 6717 | 3797 | 2294 |
| Total display area (m2) | 1.03 | 1.56 | 1.26 | 0.65 |
| Net volume (liters) | 242 | 893 | 338 | 334 |
| Storage temperature (°C) | -18...-23 | -18...-25 | -18...-23/ 0...+2/ +3...+15 | -18...-23 |
| Temperature class | 3H | 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 | 23.1 | 59.0 | 39.3 | 37.2 |
| Energy (kWh/year) | 1'205 | 4'198 | 2'373 | 1'434 |
| Refrigerant | R290 | R507 | R290 | R290 |
| Cooling | Forced-air | Static | Static/ Forced-air/ Forced-air | Static |
| Countries available | EU | EU | EU | EU |

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|----------------------------------|---|--|--------------------------|--|
| Image |  | | | |
| Brand | AHT | Novum | AHT | AHT |
| Model | Sydney XL 213 (-) ... | Line 601FF (no lighting) | Athen XL ECO 175 (-) ... | Miami ECO 185 (U) L ... |
| Other models | 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 (-) | Line 601FFL, Line 610FF (no lighting), Line 610FFL | | Miami ECO ...: 185 (-), 210 (U), 210 (-), 250 (U) L, 250 (-) |
| Electricity costs (€ in 8 years) | 3738 | 2453 | 3797 | 4038 |
| Total display area (m2) | 1.39 | 0.8 | 1.25 | 1.26 |
| Net volume (liters) | 677 | 468 | 709 | 547 |
| 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 | 35.9 | 34.9 | 39.5 | 41.8 |
| Energy (kWh/year) | 2'336 | 1'533 | 2'373 | 2'524 |
| Refrigerant | R290 | R290 | R290 | R290 |
| Cooling | Static | Forced-air | Static | Static/ Forced-air/ Forced-air |
| Countries available | EU | EU | EU | EU |


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|----------------------------------|--|-----------------------------------|-----------------------|---|
| Image |  | | | |
| Brand | AHT | AHT | Novum | JBG 2 |
| Model | Ibiza 145 (U) ... | Macao 145 (U) ... | Aran 806 SC | Pamir Island / WNPA-1530-01 3L1-I-R290-CSS-I4E |
| Other models | Ibiza 145 (-) ... | Macao 145 (-) ... | | with lighting |
| Electricity costs (€ in 8 years) | 3680 | 3387 | 4594 | 3563 |
| Total display area (m2) | 0.86 | 0.84 | 1.14 | 1.02 |
| Net volume (liters) | 342 | 217 | 742 | 223 |
| Storage temperature (°C) | -18...-23/ 0...+2/ +3...+15 | -18...-23/ 0...+2/ +3...+15 | -18...-25 | -21...-25 |
| 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 | 46.7 | 44.7 | 43.0 |
| Energy (kWh/year) | 2'300 | 2'117 | 2'871 | 2'227 |
| Refrigerant | R290 | R290 | R290 | R290 |
| Cooling | Static/ Forced-air/ Forced-air | Static/ Forced-air/ Forced-air | Forced-air | Forced-air |
| Countries available | EU | EU | EU | EU |


Horizontal Display Freezers

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| Image |  | | | |
| Brand | Liebherr | AHT | Novum | Liebherr |
| Model | STs 1072 | Athen XL ECO 250 (U) ... | Grand Cayman 1008 SC (no lighting) | STEs 772 |
| Other models | SGTs 1072 | Athen XL ECO... : 250 (-), 210 (U), 210 (-), 207 (U), 207 (-) | Grand Cayman 1008 SC-LED, Grand Cayman 1008 EOA (no lighting), Grand Cayman 1008 EOA-LED | SGTEs 772 |
| Electricity costs (€ in 8 years) | 2712 | 5203 | 3504 | 2366 |
| Total display area (m2) | 1.68 | 1.86 | 1.48 | 1.19 |
| Net volume (liters) | 740 | 1025 | 830 | 497 |
| Storage temperature (°C) | -18...-23 | -18...-23/ 0...+2/ +3...+15 | -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 | 22.5 | 39.7 | 32.1 | 25.6 |
| Energy (kWh/year) | 1'695 | 3'252 | 2'190 | 1'479 |
| Refrigerant | R290 | R290 | R290 | R290 |
| Cooling | Static | Static/ Forced-air/ Forced-air | Forced-air | Static |
| Countries available | EU | EU | EU | EU |

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|----------------------------------|--|--------------------------|--------------------------|--------------------------|
| Image |  | | | |
| Brand | Liebherr | Liebherr | Liebherr | Liebherr |
| Model | STEm 872 | STm 972 | STs 872 | STm 1172 |
| Other models | SGTEm 872 | SGTm 972 | SGTs 872 | SGTm 1172 |
| Electricity costs (€ in 8 years) | 2398 | 2627 | 2594 | 2851 |
| Total display area (m2) | 1.19 | 1.4 | 1.4 | 1.68 |
| Net volume (liters) | 550 | 664 | 601 | 816 |
| 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 | 25.9 | 25.1 | 24.8 | 23.6 |
| Energy (kWh/year) | 1'499 | 1'642 | 1'621 | 1'782 |
| Refrigerant | R290 | R290 | R290 | R290 |
| Cooling | Static | Static | Static | Static |
| Countries available | EU | EU | EU | EU |

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|---|--|-----------------------------------|-------------------------|-------------------------|
| Image |  | | | |
| Brand | Novum | Liebherr | ArcaBoa | ArcaBoa |
| Model | 601L (no lighting) | ST 1122 | Super 2 DR | Super 2.5 DR |
| Other models | 610L (no lighting), 601L (with LED), 610L (with LED) | SGT 1122, STE 1122 | Super 2 R | Super 2.5 R |
| Electricity costs (€ in 8 years) | 1862 | 3117 | 3504 | 4205 |
| Total display area (m ²) | 0.82 | 1.41 | 1.49 | 1.9 |
| Net volume (liters) | 484 | 540 | 580 | 750 |
| Storage temperature (°C) | -18...-23 | -19...-21/ +2...+4 | -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 | 26.1 | 29.7 | 31.9 | 31.6 |
| Energy (kWh/year) | 1'164 | 1'948 | 2'190 | 2'628 |
| Refrigerant | R290 | R290 | R290 | R290 |
| Cooling | Static | Static/ Forced-air/ Forced-air | Static | Static |
| Countries available | EU | EU | EU | EU |

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|----------------------------------|--|-----------------------------------|-----------------------------------|---|
| Image |  | | | |
| Brand | ArcaBoa | Liebherr | AHT | AHT |
| Model | Dupla 2.2 DR | ST 1322 | Ibiza 210 (U) ... | Paris ECO 250 (U) ... |
| Other models | Dupla 2.2 R | SGT 1322 | Ibiza 210 (-) ... | Paris ECO ... : 250 (-), 210 (U), 210 (-) |
| Electricity costs (€ in 8 years) | 5549 | 3688 | 4789 | 3766 |
| Total display area (m2) | 2.65 | 1.71 | 1.3 | 1.54 |
| Net volume (liters) | 1255 | 669 | 561 | 770 |
| Storage temperature (°C) | -18...-23 | -19...-21/ +2...+4 | -18...-23/ 0...+2/ +3...+15 | -18...-23/ 0...+2/ +3...+15 |
| Temperature class | L1 (-15...-18°C) | L1 (-15...-18°C) | L1 (-15...-18°C) | L1 (-15...-18°C)/S/S |
| 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 | 31.4 | 30.1 | 48.4 | 33.4 |
| Energy (kWh/year) | 3'468 | 2'305 | 2'993 | 2'354 |
| Refrigerant | R290 | R290 | R290 | R290 |
| Cooling | Static | Static/ Forced-air/ Forced-air | Static/ Forced-air/ Forced-air | Static/ Forced-air/ Forced-air |
| Countries available | EU | EU | EU | EU |

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|----------------------------------|---|-----------------------------------|--|
| Image | | | |
| Brand | AHT | AHT | |
| Model | Paris ECO 185 (U) ... | Manhattan ECO 175 (U) ... | |
| Other models | Paris ECO ... : 185 (-), 180 (U), 180 (-), 175 (U), 175 (-), 145 (U), 145 (-) | Manhattan ECO 175 (-) ... | |
| Electricity costs (€ in 8 years) | 3182 | 4016 | |
| Total display area (m2) | 1.04 | 1.08 | |
| Net volume (liters) | 529 | 605 | |
| Storage temperature (°C) | -18...-23/ 0...+2/ +3...+15 | -18...-23/ 0...+2/ +3...+15 | |
| Temperature class | L1 (-15...-18°C)/S/S | L2 (-12...-18°C) | |
| Climate class | 3 (25°C, 60% RH) | 3 (25°C, 60% RH) | |
| Draft energy index | 37.9 | 46.5 | |
| Energy (kWh/year) | 1'989 | 2'510 | |
| Refrigerant | R290 | R290 | |
| Cooling | Static/ Forced-air/ Forced-air | Static/ Forced-air/ Forced-air | |
| Countries available | EU | EU | |