



ATHEN XL ECO

Integral freezer and chiller cabinets. Ready to plug in.



**THE NEW GENERATION.
EXTREMELY ECONOMICAL.**

THE ECONOMICAL DIMENSION IN COOLING AND FREEZING EQUIPMENT. UNBELIEVABLY EFFICIENT!

ATHEN XL ECO. Generous capacity meets modern, sales-stimulating design. Greater net capacity allows a broader range of goods, thereby increasing sales potential, while brilliant LED interior lighting means attractive presentation of your merchandise. Technical optimization makes the ATHEN XL ECO a true energy-saving marvel.

Key benefits

- High energy savings compared with conventional open units
- Maximum energy efficiency thanks to electronic speed-controlled compressor
- AHT e-conomize:**
Massive additional power saving potential due to extensive optimizations in technology and construction
- New synthetic interior casing for better hygiene and easy cleaning
- Improved viewing of merchandise and optimized capacity
- Ecologically sound thanks to the natural refrigerant propane
- 100 % CFC- and PFC-free
- Constant interior temperature and high power reserves ensure high merchandise quality
- Ready to plug in – no additional assembly required
- Low costs for investment and operation
- Maintenance-free cooling technology



Temperature ranges

- Chilling +3 °C to +15 °C*
- Freezing -18 °C to -23 °C
- Meat and minced meat refrigeration 0 °C to +2 °C

* Preset is fixed at 4 °C – possibility to change to an other temperature by a service technician

Highly flexible

- Can be used as a stand alone unit
- Can be used in a line up
- Can be used as an island
- Maximizes the use of floor space with an end cabinet
- Can be either installed below shelving or integrated into existing shelving systems



Accessories*

- | **Dividers and base units** to maximize your sales
- | **Lighting unit** that is available in different versions
- | **Impact protection bumpers** available in different colors
- | **Covers** for setting in a row
- | **Kick plates** will prevent water and dust from falling below the cabinets
- | **Trolley guards** against physical impact

* Please do not hesitate to ask us for our accessories folder.

The perfect solution – built in semi-automatic defrost! (AD)



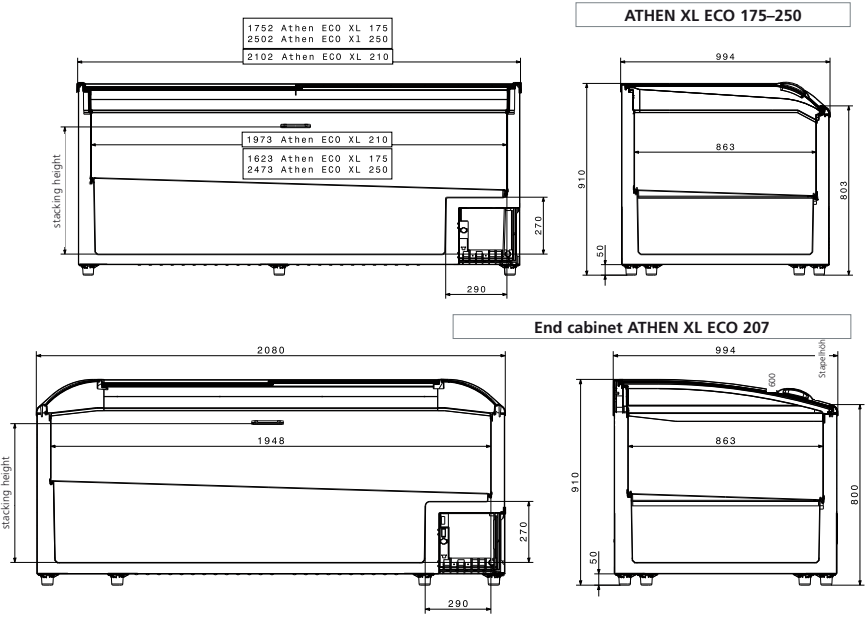
Regular defrosting...



...with goods kept at a constant temperature

e-conomize POWER SAVER PLUS

ATHEN XL ECO		175	207	210	250				
Technical Data		(-) AD VS IQ	(U)* AD VS LED	(-) AD VS LED	(U)* AD VS LED	(-) AD VS LED	(U)* AD VS LED	(U)* AD VS LED	(-) AD VS LED
Gross content	Liter	961	961	1167	1167	1183	1183	1437	1437
Net content according to EN 23953	Liter	709	684 / 455 / 659	868	848 / 566 / 817	880	860 / 575 / 830	1062/711/1025	1075
Total display area (TDA)	m ²	1,22	1,22	1,42	1,42	1,50	1,50	1,82	1,82
Classification according to EN 23953		3L1	3S / 3S / 3L1	3L1	3S / 3S / 3L1	3L1	3S / 3S / 3L1	3S / 3S / 3L1	3L1
Ambient temperature range	°C	+16 to +25	+16 to +25	+16 to +25	+16 to +25	+16 to +25	+16 to +25	+16 to +25	+16 to +25
Inner temperature range	°C	-18 to -23	+3 to +15 / 0 to +2 / -18 to -23	-18 to -23	+3 to +15 / 0 to +2 / -18 to -23	-18 to -23	+3 to +15 / 0 to +2 / -18 to -23	+3 to +15 / 0 to +2 / -18 to -23	-18 to -23
Sound pressure in 1 m distance	dB(A)	43,6	43,6	43,6	43,6	43,6	43,6	43,6	43,6
Electrical Data									
Nominal voltage/frequency	V/Hz	220-240 / 50	220-240 / 50	220-240 / 50	220-240 / 50	220-240 / 50	220-240 / 50	220-240 / 50	220-240 / 50
Nominal power cabinet	W	420	420	470	470	450	450	450	450
Nominal power LED light	W	43	43	41	41	52	52	62	62
Nominal current	A	2,8	2,8	2,9	2,9	2,9	2,9	2,9	2,9
Fuse protection	A	16	16	16	16	16	16	16	16
Energy consumption (at 25 °C)	kWh/24 h	6,2	3,0 / 3,1 / 6,2	7,2	3,3 / 3,6 / 7,2	6,4	3,1 / 3,4 / 6,4	3,4 / 3,8 / 6,9	6,9
Length of power supply cord	mm	1750	1750	1750	1750	1750	1750	1750	1750
Refrigeration Data									
Refrigerant type		R290	R290	R290	R290	R290	R290	R290	R290
Refrigerant charge	g	100	100	110	110	110	110	120	120
Max. operating pressure	bar	30	30	30	30	30	30	30	30
Dimensions									
Length outside/inside	mm	1752 / 1623	1752 / 1623	2080 / 1948	2080 / 1948	2102 / 1973	2102 / 1973	2502 / 2373	2502 / 2373
Depth outside/inside	mm	994 / 863	994 / 863	994 / 863	994 / 863	994 / 863	994 / 863	994 / 863	994 / 863
Front access height/height outside	mm	803 / 910	803 / 910	800 / 910	800 / 910	803 / 910	803 / 910	803 / 910	803 / 910
Stacking height	mm	600	620 / 420 / 600	600	620 / 420 / 600	600	620 / 420 / 600	620 / 420 / 600	600
Weight									
Net weight (excl. packaging, incl. process-related internal accessories)	kg	125	136	138	147	139	153	173	159
Gross weight (incl. packaging and process-related internal accessories)	kg	136	147	149	158	150	164	182	168



* Universal cabinet: The cabinet covers all three temperature ranges of refrigeration +3 °C to +15 °C / meat and minced meat refrigeration 0 °C to +2 °C / freezing -18 °C to -23 °C.



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- OHSAS 18001
SA 8000
- ISO 9001
ISO 14001

For version AD/U the inner dimensions are reduced due to the necessary use of wire grids along the inside walls.