ATHEN XL ECO

Integral freezer and chiller cabinets. Ready to plug in.

LED

AHT e-co POWER SAVER PLUS

100% ECO-FRIENDLY

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 [1]
❙ Freezing   –18 °C to –23 °C
❙ Meat and minced
   meat refrigeration   0 °C to +2 °C [2]

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

[1] Preset is fixed at 4 °C – possibility to change
    to another temperature by a service technician.
[2] For product quality reasons, semiautomatic defrosting
    is not possible in »Meat/Ground meat« operating mode.

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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)
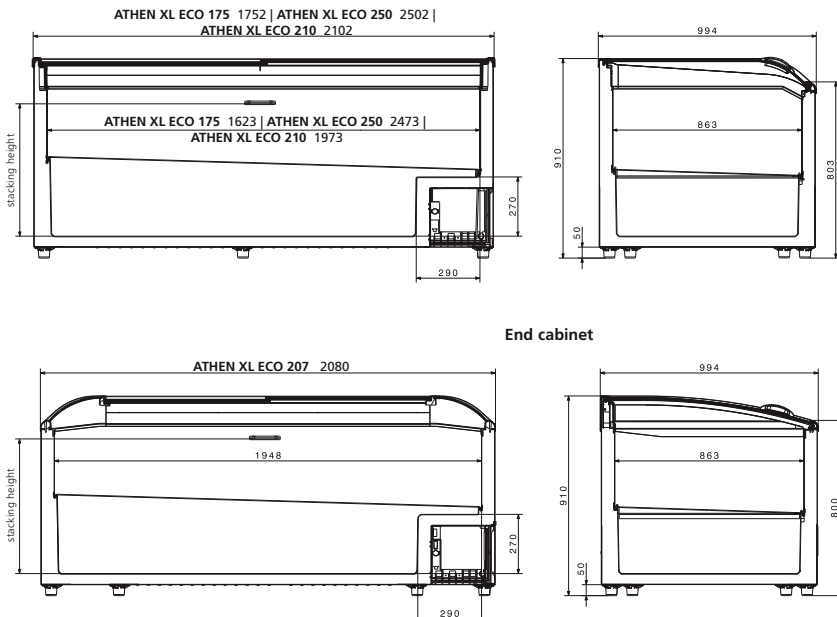

Regular defrosting...

...with goods kept at a constant temperature

e-conomize POWER SAVER PLUS

ATHEN XL ECO		175		207		210		250	
Technical Data		(−) VS AD IQ	(U)* VS AD LED	(−) VS AD LED	(U)* VS AD LED	(−) VS AD LED	(U)* VS AD LED	(−) VS AD LED	(U)* VS AD LED
Gross content	liter	1009	1009	1167	1167	1243	1243	1507	1507
Net content according to EN 23953	liter	709	684/455/659	868	848/566/817	880	860/575/830	1075	1062/711/1025
Total display area (TDA)	m²	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	3L1	3S/3S/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	−18 to −23	+3 to +15/ 0 to +2/ −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	6,9	3,4/3,8/6,9
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	600	620/420/600
Weight									
Net weight (excl. packaging, incl. process-related internal accessories)	kg	125	136	171	180	139	153	159	173
Gross weight (incl. packaging and process-related internal accessories)	kg	136	147	182	191	150	164	168	182

* 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.

ATHEN XL ECO 175 1752 | ATHEN XL ECO 250 2502 | ATHEN XL ECO 210 2102

ATHEN XL ECO 175 1623 | ATHEN XL ECO 250 2473 | ATHEN XL ECO 210 1973

stacking height

994

910 803

50 270 290

End cabinet

ATHEN XL ECO 207 2080

1948

stacking height

994

863

910 800

50 270 290

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

AHT

green . freshness . worldwide

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