maxon

AIR CONDITIONERS CATALOGUE 2024/25

- RESIDENTIAL SYSTEMS
- COMMERCIAL SYSTEMS

maximum of life

maxon

Maxon is a brand developed by experts in air conditioning. The brand's foundation is the knowledge they gained over the years, which ensures that the goals of long product service life and maximum consumer satisfaction are fulfilled.

GREATEST USER EXPERIENCE

Maxon is a synonym for maximum comfort in air conditioning. It ensures long-term satisfaction and comfort for its users.

BEST BUY

The brand provides the best value for money and functionality.

QUALITY

Maxon provides reliable and high-quality residential cooling and heating solutions.

INNOVATION

Maxon continuously evaluates the needs of its users and develops innovative solutions for lifestyle improvements.

ENERGY SAVING

Improved inverter technology ensures low costs and comfort at the same time.

maximum of life

2023.
Maxon developed commercial series of air conditioners.

2021.
The first Maxon UV light air conditioner was produced.

2018.
The new generation of Maxon air conditioners with super inverter technology was introduced.

2017.
Freon R410 was replaced with eco - friendly R32 refrigerant in all Maxon air conditioners.

2016.
The first Maxon Multi version air conditioners were introduced.

2014.
The first Maxon air conditioners with Wi-Fi systems were introduced.

2013.
Maxon air conditioners are available on the Slovenian market.

2011.
The first inverter Maxon air conditioners were introduced. The compressor technology was improved in order to achieve higher efficiency and energy saving of air conditioners.

2010.
Maxon air conditioners were introduced on the Serbian market.

2008.
Maxon air conditioners were introduced on the Bosnia and Herzegovina market.

2007.
MB Frigo Grupa started cooperation with world renowned factories for the production of air conditioners and together they started developing technology for Maxon air conditioners. The first generation of Maxon air conditioners (MX-HC001i) were introduced on the Croatian market.

maxon

RELIABLE SOLUTIONS FOR AIR CONDITIONING YOUR HOME

COMFORT

INNOVATIVE HEALTH FUNCTIONS

RELIABILITY

ENERGY SAVING

Choose clean air and a perfect feeling of comfort in your home

maxon TECHNOLOGY

AIR IONISER

The ioniser function sterilises the air in the home by releasing high concentrations of positive and negative ions to purify the room air.
By generating negative ions, the ioniser neutralizes the undesirable effects of magnetic and electrical radiation, and removes unpleasant odors, dust, and pollen from the home. Simultaneously, it purifies the air and activates oxygen, thereby improving air quality and making the indoor environment more pleasant.
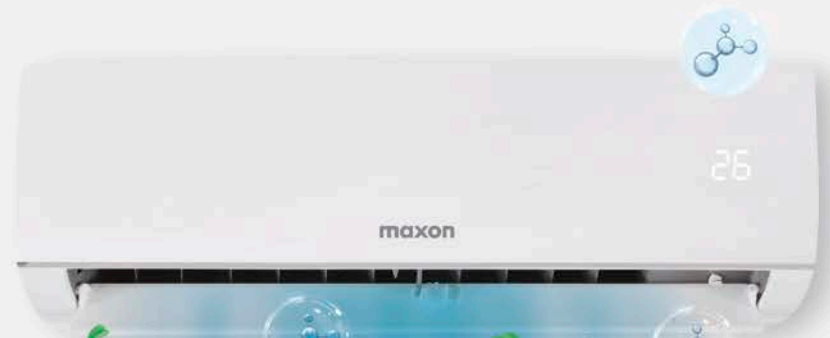
WI-FI

The built-in Wi-Fi module enables users to remotely control the air conditioner via a smartphone.
With the Wi-Fi function, manage your air conditioner anytime and from anywhere, ensuring the perfect temperature awaits you when you enter your home.

ECO MODE

By activating the ECO mode function, the air conditioner starts operations in economy mode.
During 8 hours of operation, energy consumption is reduced by up to 60% compared to the standard mode of device operation.

Energy savings up to 60%

maxon

SUPER HEATING

With the Super Heating function, the condensate tray heater quickly melts and removes snow and ice from the air conditioner's outdoor unit, thus providing more consistent heating capacity. The compressor heater successfully improves the air conditioner's efficiency during the cold season.

DEHUMIDIFICATION

The dehumidification function is mostly used during the rainy season, when the humidity level in the air is at its highest. Dehumidification keeps the air in the room dry without affecting its temperature and achieves a quality and fresh air feel. Proper maintenance of air humidity levels prevents the appearance of lichens and mold.

FOLLOW ME

When the Follow me feature is activated, the built-in sensor in the remote will then act as the thermostat instead of the unit.
The feature allows you to more precisely control the operation of the air conditioner, reaching the set mode in the area where the remote control is in the room. It maintains a consistent temperature throughout your living space. You can regulate room temperature and feel comfortable faster than ever.

Sensor

Sensor

FROST CLEAN (I - CLEAN)

The Frost Clean function uses humidity from the air to freeze the surface of the evaporator, bind dirt particles, and destroy all bacteria and viruses. Afterwards, the evaporator is heated to 56°C, and it dissolves ice and water-containing impurities that come out of the outdoor unit. With the help of Frost Clean technology, the accumulated dust, mold, and grease are washed away, and unpleasant odors are eliminated.

BLUE FIN

Blue fin is a protective anti-corrosion blue coating on the evaporator and outdoor unit of the air conditioner that prevents corrosion caused by rain, humidity, saltwater, etc. It provides protection against harmful microbes such as bacteria, fungi, and viruses that multiply in the device and cause diseases. It can improve heating efficiency by speeding up the defrosting process.

maxon LIVING IN THE ZONE

56°C STERILISATION

This smart technology destroys bacteria and viruses by heating the evaporator to 56 °C for 30 minutes or more. It provides high air quality by cleaning the inside of the unit.

UV-C STERILISATION

Innovative technology enables us to breathe clean, bacteria - and virus-free air. The air conditioner's indoor unit features a UV-C lamp that eliminates airborne hazards, providing healthy air in the room. Air sterilisation efficiency: 99.9%.

R32

R32

Refrigerant R32 in air conditioning systems offers users enhanced efficiency and significant environmental benefits, with up to a 78% reduction in CO_2 emissions compared to traditional refrigerants, and zero ozone impact. Its advanced cooling capabilities ensure faster temperature control, providing both comfort and energy savings.

MODEL OVERVIEW

RESIDENTIAL SYSTEMS

FUNCTIONS	TYPE	SERIES		9 K	12 K	18 K	24 K
(icons)	MONO SPLIT	ECO		A++/A+	A++/A+	A++/A+	
(icons)		FRESH		A++/A+	A++/A+	A++/A+	A++/A+
(icons)		COMFORT WI-FI		A+++/A++	A+++/A++	A++/A+	A++/A+
(icons)		COMFORT PURE			A++/A+	A++/A+	

	FUNCTIONS	ECO	FRESH	COMFORT	COMFORT PURE
COMFORT	WIFI	●	●	●	●
	DISPLAY	LED	LED	LED	LED
	SILENT OPERATION	24 dB (A)	21 dB (A)	20 dB (A)	20 dB (A)
	TURBO	●	●	●	●
	LOW AMBIENT COOLING	●			●
	8° C HEATING			●	●
	FOLLOW ME		●	●	●
	LOUVER POSITION MEMORY	●	●	●	●
	SUPER HEATING			●	●
	15° C HEATING	●			
	INTELLEGENT AIR FLOW	●			
	AUTO VERTICAL AIR FLOW	●			
HEALTH	IONISER		●	●	
	UVC STERILISATION				●
	56°C STERILISATION				●
	HD FILTER		●	●	
	FROST CLEAN (I-Clean)	●			●
	SELF-CLEAN		●	●	
	DEHUMIDIFICATION	●	●	●	●
RELIABILITY & PERFORMANCE	MULTI OPTION			●	
	REFRIGERANT LACK DETECTION	●	●	●	●
	FAN SPEED REGULATION	●	3	3 + AUTO	6 + AUTO (Precise regulation)
	BLUE FIN	●		●	
	GOLDEN FIN		●		●
	AUTO RESTART	●	●	●	●
	24 H TIMER	●	●	REAL CLOCK TIMER	●
	ERROR DETECTION AND DISPLAY	●	●	●	●
ENERGY SAVING	ECO MODE		●	●	●
	1W STANDBY	●			●
	NIGHT OPERATION MODE	●	●	●	●
	MULTI POWER LEVEL				●

FROST CLEAN

maximum of life

ECO

Great performance at a low-cost price:
A budget-friendly model that, with an A++ energy efficiency class, offers multiple functions with minimal energy consumption.

Intelligent airflow: Enhanced cooling and heating effectiveness with better air distribution, providing a feeling of refreshing breeze.

Environmentally friendly - zero ozone impact :
our devices operate on the eco-friendly refrigerant R32 with higher energy efficiency.

Improved air quality: Frost Clean advanced technology ensures clean air in the room by effectively eliminating dust, bacteria, and other pollutants from the unit.

Customized to your needs:
control your air conditioner with your smartphone anytime and from anywhere via Wi-Fi connection.

Effective Heating Performance:
Efficient heating performance during cold winters due to the rotary compressor.

OPERATING RANGE

from -10°C to +43°C

from -15°C to +24°C

ENERGY EFFICIENCY

A++ SEER 6,1

A+ SCOP 4,0

The data refers to the 3,5 kW model.

maxon ECO

2,5 kW　**3,2 kW**　**4,6 kW**

	INDOOR	MXI-09HE013i	MXI-12HE013i	MXI-18HE013i
	OUTDOOR	MXO-09HE013i	MXO-12HE013i	MXO-18HE013i

COOLING					
	Capacity	kW	2,5(0,8-3,0)	3,2(0,8-3,5)	4,6(1,3-5,3)
	Power input	W	830	1140	1500
	Annual electricity consumption	kWh/a	143	184	256
	SEER		6,1 (A++)	6,1 (A++)	6,3 (A++)

HEATING					
	Capacity	kW	2,8(0,8-3,3)	3,4(0,8-3,6)	4,6(1,3-5,3)
	Power input	W	870	1210	1350
	Annual electricity consumption	kWh/a	735	910	1155
	SCOP		4,0 (A+)	4,0 (A+)	4,0 (A+)

	Max. power input	W	1200	1500	1750
	Max. Operating Current	A	7,1	7,1	7,5

INDOOR UNIT					
	Air flow (Hi/Mi/Lo)	m³/h	490	510	700
	Moisture removal	(L/h)	1,0	1,4	2
	Sound pressure level (Hi/Mi/Lo)	dB(A)	38/34/30/24	39/35/31/24	44/40/35/28
	Net dimensions (WxLxH)	mm	708/190/263	708/190/263	865/200/290
	Dimensions with packaging (WxLxH)	mm	772/325/263	772/325/263	928/353/273
	Net/Shipping Weight	Kg	7,4/8,8	7,8/9,2	8,7/10,9

OUTDOOR UNIT					
	Sound power level	dB(A)	50	50	54
	Net dimensions (WxLxH)	mm	700/245/544	700/245/544	800/280/553
	Dimensions with packaging (WxLxH)	mm	819/320/592	819/320/592	902/375/607
	Net/Shipping Weight	Kg	21.8/23.9	22.9/25.0	29.2/32.1
	Refrigerant type	/	R32	R32	R32
	Refrigerant charge	Kg	0.5	0.55	0.68

PIPELINE					
	Liquid Side Diameter	mm	6.35	6.35	6.35
	Gas Side Diameter	mm	9,52	9,52	12,7
	Max. pipe length (Pre-charge)	m	5	5	7
	Additional charge per metre	g/m	20	20	20
	Max. refrigerant pipe lenght	m	20	20	20
	Max. difference in level	m	10	10	15

	Operating range - cooling	°C	-10-43	-10-43	-10-43
	Operating range - heating	°C	-15-24	-15-24	-15-24
	Mounting holes spacing - outdoor	mm	440	440	510
	Interconnect cable	mm²	4x1,5	4x1,5	4x1,5
	Power Supply IU / OU	mm²	IU	IU	OU

R32 ECO REFRIGERANT　WI-FI　NIGHT MODE　DEHUMIDIFICATION　TURBO MODE　REFRIGERANT LACK DETECTION　LOUVER POSITION MEMORY　BLUE FIN　AUTO RESTART

24H TIMER　ERROR DETECTION　FROST CLEAN　INTELLIGENT AIR FLOW　LOW AMBIENT COOLING　-15° C HEATING　AUTO VERTICAL AIRFLOW　1W STANDBY
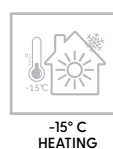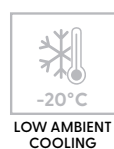
IONISER

maximum of life

FRESH

Great performance at a low-cost price:
A budget-friendly model that, with an A++ energy efficiency class, offers multiple functions with minimal energy consumption.

Clean air = clean home: ioniser, HD filtration, and self-cleaning function ensure fresh air without impurities and bacteria inside the air conditioner.

Environmentally friendly - zero ozone impact :
our devices operate on the eco-friendly refrigerant R32 with higher energy efficiency.

Reliable: the gold anti-corrosion coating on the evaporator protects the device from moisture, salt, acids, dust, and mold, thereby extending the device's durability and longevity.

Customized to your needs:
control your air conditioner with your smartphone anytime and from anywhere via Wi-Fi connection.

Minimalistic design:
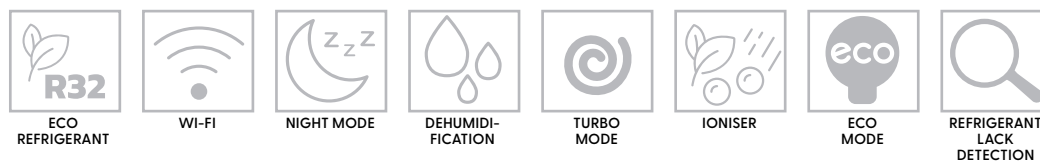seamlessly blends into any interior style.

OPERATING RANGE

from -15°C to +50°C

from -20°C to +30°C

ENERGY EFFICIENCY

A++ SEER 6,5

A+ SCOP 4,1

The data refers to the 3,5 kW model.

maxon FRESH

2,6 kW | 3,5 kW | 5,2 kW | 7,0 kW

	INDOOR	MXI-09HC013i	MXI-12HC013i	MXI-18HC013i	MXI-24HC013i
	OUTDOOR	MXO-09HC013i	MXO-12HC013i	MXO-18HC013i	MXO-24HC013i
COOLING					
Capacity	kW	2,6 (0,9 - 3,4)	3,5 (1,1 - 3,9)	5,2 (3,3-5,8)	7,0 (2,0 - 7,9)
Power input	W	800	1320	1550	2600
Annual electricity consumption	kWh/a	130	188	247	405
SEER		7,0 (A++)	6,5 (A++)	7,4 (A++)	6,1 (A++)
HEATING					
Capacity	kW	2,9 (0,8 - 3,37)	3,8 (1 - 4,2)	5,6 (3,1 - 5,9)	7,3 (1,6 - 7,9)
Power input	W	930	1190	1570	2400
Annual electricity consumption	kWh/a	792	957	1435	1680
SCOP		4,1 A+	4,1 A+	4 (A+)	4 (A+)
Max. power input	W	2150	2150	2500	3500
Max. Operating Current	A	10	10	13	15,5
INDOOR UNIT					
Air flow (Hi/Mi/Lo)	m³/h	435/333/259	530/430/310	840/680/540	980/817/662
Moisture removal	(L/h)	N/A	N/A	1,8	2,4
Sound pressure level (Hi/Mi/Lo)	dB(A)	37/32/25/21.5	39.5/35.5/25/21.5	42.5/36/26/20	45/40.5/36/29.5
Net dimensions (WxLxH)	mm	715x194x285	805x194x285	957x213x302	1040x220x327
Dimensions with packaging (WxLxH)	mm	780x270x365	870x270x365	1035x295x385	1120x405x315
Net/Shipping Weight	Kg	6.7/8.8	7.3/9.5	10/13	12.3/15.8
OUTDOOR UNIT					
Sound power level	dB(A)	59	64	63	67
Net dimensions (WxLxH)	mm	720x270x495	720x270x495	805x330x554	890x342x673
Dimensions with packaging (WxLxH)	mm	835x300x540	835x300x540	915x370x615	995x398x740
Net/Shipping Weight	Kg	21/22.8	21/22.8	32.7/35.4	42.9/45.9
Refrigerant type	/	R32	R32	R32	R32
Refrigerant charge	Kg	0.47	0.52	1.08	1.42
PIPELINE					
Liquid Side Diameter	mm	6.35	6.35	6.35	9.52
Gas Side Diameter	mm	9,52	9,52	12,7	15,9
Max. pipe length (Pre-charge)	m	5	5	5	10
Additional charge per metre	g/m	12	12	12	24
Max. refrigerant pipe lenght	m	25	25	30	50
Max. difference in level	m	10	10	20	25
Operating range- cooling	°C	-15~+50	-15~+50	-15~+50	-20~+30
Operating range - heating	°C	-20~+30	-20~+30	-15~+50	-20~+30
Mounting holes spacing - outdoor	mm	452	452	511	663
Interconnect cable	mm²	5 x 1,5	5 x 1,5	5 x 1,5	5 x 2,5
Power Supply IU / OU	mm²	OU 3 x 1,5	OU 3 x 1,5	OU 3 x 2,5	OU 3 x 2,5

R32 ECO REFRIGERANT | WI-FI | NIGHT MODE | DEHUMIDIFICATION | TURBO MODE | IONISER | ECO MODE | REFRIGERANT LACK DETECTION

HD FILTER | LOUVER POSITION MEMORY | SELF-CLEAN | GOLDEN FIN | AUTO RESTART | 24H TIMER | ERROR DETECTION

ma**x**imum of life

COMFORT Wi-Fi

Reliable: the gold anti-corrosion coating on the evaporator protects the device from moisture, salt, acids, dust, and mold, thereby extending the device's durability and longevity.

High efficiency: A+++/A++ class in cooling and heating.

Improved air quality: purifies the air by reducing levels of harmful substances in the air.

Perfect comfort: controls the room air temperature with the remote control - the built-in sensor acts as a thermostat.

Customized to your needs: control your air conditioner with your smartphone anytime and from anywhere via Wi-Fi connection.

Stylish design: a trendy choice for modern interiors.

Environmentally friendly - zero ozone impact : our devices operate on the eco-friendly refrigerant R32 with higher energy efficiency.

OPERATING RANGE

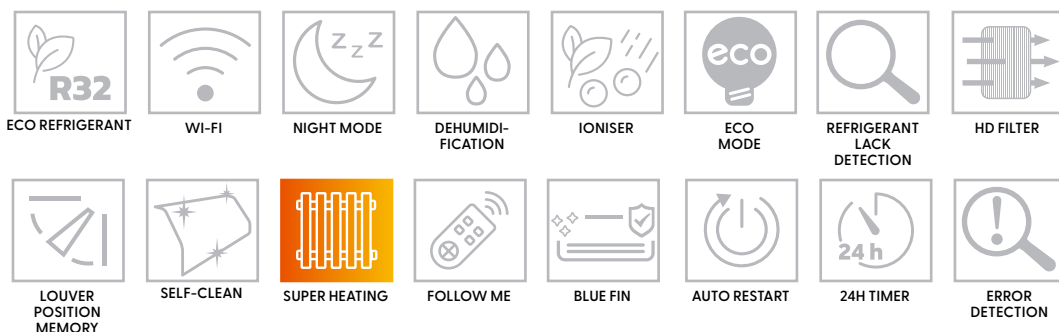from -15°C to +50°C

from -25°C to +24°C

ENERGY EFFICIENCY

A+++ SEER 8,5

A++ SCOP 4,6

The data refers to the 3,5 kW model.

maxon COMFORT Wi-Fi

`2,6 kW` `3,5 kW` `5,3 kW` `7,0 kW`

	INDOOR		MXI-09HC012i	MXI-12HC012i	MXI-18HC012i	MXI-24HC012i
	OUTDOOR		MXO-09HC012i	MXO-12HC012i	MXO-18HC012i	MXO-24HC012i
COOLING	Capacity	kW	2,6 (1,0 - 3,2)	3,5 (1,4 - 4,3)	5,3 (3,4 - 6,0)	7,0 (2,1 - 8,2)
	Power input	W	613	977	1550	2340
	Annual electricity consumption	kWh/a	98	146	265	377
	SEER		9,3 (A+++)	8,5 (A+++)	7 (A++)	6,5 (A++)
HEATING	Capacity	kW	2,9 (0,8 - 3,4)	3,8 (1,1 - 4,4)	5,6 (3,1- 6,0)	7,3 (1,5 - 8,2)
	Power input	W	637	977	1500	2130
	Annual electricity consumption	kWh/a	743	791	1435	1730
	SCOP		4,6 (A++)	4,6 (A++)	4 ,0 (A+)	4,0 (A+)
	Max. power input	W	2200	2200	2500	3700
	Max. Operating Current	A	10,5	10,5	13	19
INDOOR UNIT	Air flow (Hi/Mi/Lo)	m³/h	483/362/303	584/477/395	730/500/420	1020/830/640
	Moisture removal	(L/h)	0,80	1,2	2,2	3
	Sound pressure level (Hi/Mi/Lo)	dB(A)	37/29/24/20	40/33/25/21	43/34/28/23	47/42/31/25
	Net dimensions (WxLxH)	mm	802x189x297	802x189x297	965x215x319	1080x226x335
	Dimensions with packaging (WxLxH)	mm	875x285x380	875x285x380	1045x305x410	1155x415x320
	Net/Shipping Weight	Kg	8,6/11,1	8,6/11,1	10,9/14,2	13.7/17.3
OUTDOOR UNIT	Sound power level	dB(A)	60	62	64	66
	Net dimensions (WxLxH)	mm	765x303x555	765x303x555	805x330x554	890x342x673
	Dimensions with packaging (WxLxH)	mm	887x337x610	887x337x610	915x370x615	995x398x740
	Net/Shipping Weight	Kg	26.4/28.8	26.4/28.7	33.5/36.1	43.9/46.9
	Refrigerant type	/	R32	R32	R32	R32
	Refrigerant charge	Kg	0.62	0.62	1.1	1.45
PIPELINE	Liquid Side Diameter	mm	6.35	6.35	6.35	9.52
	Gas Side Diameter	mm	9,52	9,52	12,7	15,9
	Max. pipe length (Pre-charge)	m	5	5	5	5
	Additional charge per metre	g/m	12	12	12	24
	Max. refrigerant pipe lenght	m	25	25	30	50
	Max. difference in level	m	10	10	20	25
	Operating range- cooling	°C	-15~+50	-15~+50	-15~+50	-15~+50
	Operating range - heating	°C	-25~+24	-25~+24	-20~+24	-20~+24
	Mounting holes spacing - outdoor	mm	452	452	511	663
	Interconnect cable	mm²	5 x 1,5	5 x 1,5	5 x 1,5	5 x 2,5
	Power Supply IU / OU	mm²	OU 3x1,5	OU 3x1,5	OU 3x2,5	OU 3x2,5

R32 ECO REFRIGERANT	WI-FI	NIGHT MODE	DEHUMIDI-FICATION	IONISER	ECO MODE	REFRIGERANT LACK DETECTION	HD FILTER
LOUVER POSITION MEMORY	SELF-CLEAN	SUPER HEATING	FOLLOW ME	BLUE FIN	AUTO RESTART	24H TIMER	ERROR DETECTION

UVC STERILISATION

maximum of life

COMFORT PURE

Sterilised air with UV-C technology:
With 99.9% sterilised air in the room, it creates optimal conditions for individuals prone to allergies, children, and other sensitive groups. Innovative UV-C technology eliminates airborne pollutants and hazards, ensuring a healthy environment.

Superior cooling and heating: enjoy comfortable temperatures in your home year-round with minimal energy consumption.

Refined design: the elegant glossy white casing adds a touch of luxury and sophistication to the space.

Smart choice: top performance, energy efficiency, and modern air sterilization features characterize the luxurious air conditioning available to everyone.

Customized to your needs:
control your air conditioner with your smartphone anytime and from anywhere via Wi-Fi connection.

Environmentally friendly - zero ozone impact :
our devices operate on the eco-friendly refrigerant R32 with higher energy efficiency.

OPERATING RANGE

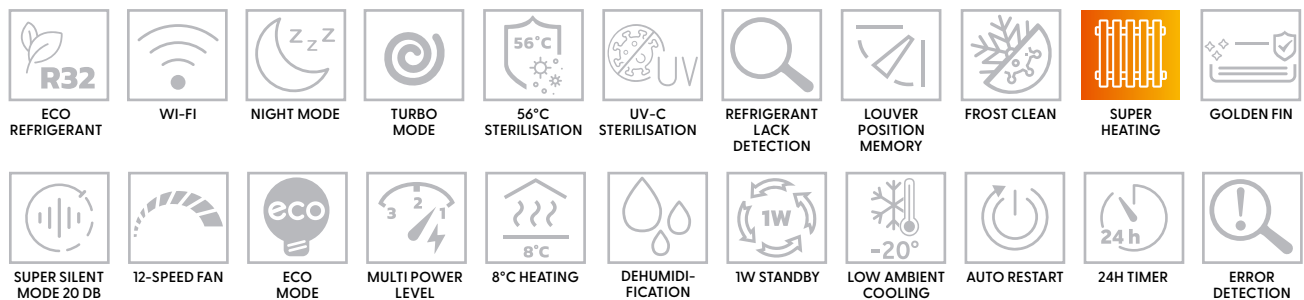from -15°C to +50°C

from -20°C to +24°C

ENERGY EFFICIENCY

A++ ▶ SEER 7

A+ ▶ SCOP 4,2

The data refers to the 3,5 kW model.

maxon COMFORT PURE

`3,5 kW` `5,3 kW`

	INDOOR		MXI-12HC011i	MXI-18HC011i
	OUTDOOR		MXO-12HC011i	MXO-18HC011i
COOLING	Capacity	kW	3,5 (1,38 - 4,31)	5,3 (3,39 - 5,90)
	Power input	W	1096	1550
	Annual electricity consumption	kWh/a	182	265
	SEER		7 (A++)	7 (A++)
HEATING	Capacity	kW	3,8 (1,07 - 4,46)	5,6 (3,10 - 5,9)
	Power input	W	1027	1630
	Annual electricity consumption	kWh/a	833	1470
	SCOP		4,2 (A+)	4,0 (A+)
	Max. power input	W	2150	2500
	Max. Operating Current	A	10	13
INDOOR UNIT	Air flow (Hi/Mi/Lo)	m³/h	530/400/350	800/600/500
	Moisture removal	(L/h)	1,2	2,2
	Sound pressure level (Hi/Mi/Lo)	dB(A)	37/32/22/21	41/37/31/20
	Net dimensions (WxLxH)	mm	835x208x295	969x241x320
	Dimensions with packaging (WxLxH)	mm	905x355x290	1045x315x405
	Net/Shipping Weight	Kg	8,7/11,5	11,2/14,6
OUTDOOR UNIT	Sound power level	dB(A)	56	57
	Net dimensions (WxLxH)	mm	720x270x495	805x330x554
	Dimensions with packaging (WxLxH)	mm	835x300x540	915x370x615
	Net/Shipping Weight	Kg	23,7/25,5	33,5/36,1
	Refrigerant type	/	R32	R32
	Refrigerant charge	Kg	0,65	1,1
PIPELINE	Liquid Side Diameter	mm	6.35	6.35
	Gas Side Diameter	mm	9,52	12,7
	Max. pipe length (Pre-charge)	m	5	5
	Additional charge per metre	g/m	12	12
	Max. refrigerant pipe lenght	m	25	30
	Max. difference in level	m	10	20
	Operating range- cooling	°C	-15~+50	-15~+50
	Operating range - heating	°C	-20 ~+24	-20 ~+24
	Mounting holes spacing - outdoor	mm	452	511
	Interconnect cable	mm²	5 x 1,5	5 x 1,5
	Power Supply IU / OU	mm²	OU 3 x 1,5	OU 3 x 1,5

R32 ECO REFRIGERANT · WI-FI · NIGHT MODE · TURBO MODE · 56°C STERILISATION · UV-C STERILISATION · REFRIGERANT LACK DETECTION · LOUVER POSITION MEMORY · FROST CLEAN · SUPER HEATING · GOLDEN FIN

SUPER SILENT MODE 20 DB · 12-SPEED FAN · ECO MODE · MULTI POWER LEVEL · 8°C HEATING · DEHUMIDI-FICATION · 1W STANDBY · LOW AMBIENT COOLING · AUTO RESTART · 24H TIMER · ERROR DETECTION
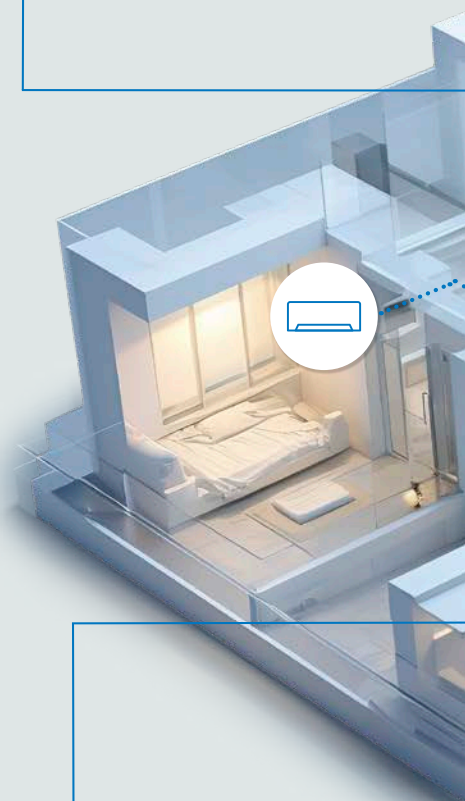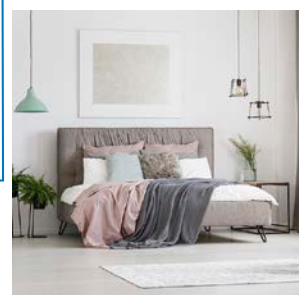
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MULTI SYSTEMS

DC inverter

Multi-split systems enable the connection of several indoor units to a single outdoor unit.
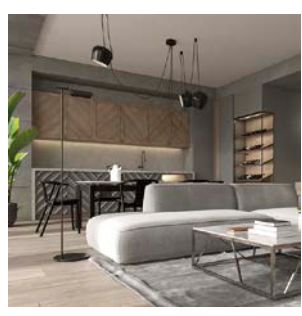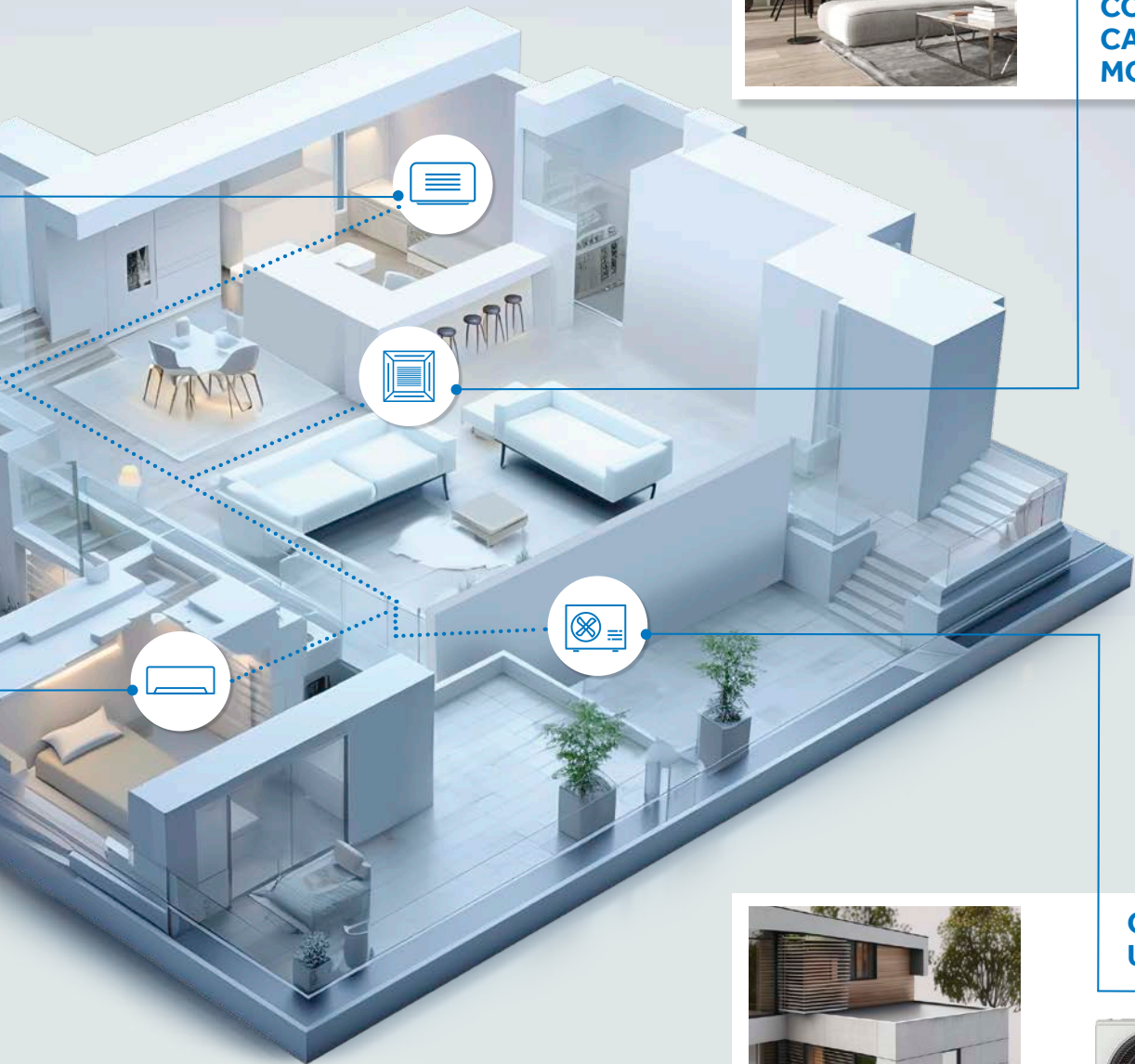

FLOOR INVERTER MODEL

WALL MODEL COMFORT

COMPACT CASSETTE MODEL

OUTDOOR UNIT

MODEL OVERVIEW
MULTI SYSTEMS

INDOOR UNITS

	9	12	18
WALL	**COMFORT MULTI** MXI-09HC012i	**COMFORT MULTI** MXI-12HC012i	**COMFORT MULTI** MXI-18HC012i
CONSOLE	**MULTI CONSOLE** MXI-09HFL013i	**MULTI CONSOLE** MXI 12HFL013i	**MULTI CONSOLE** MXI-18HFL013i
CASSETTE	**MULTI CASSETTE** MXI-09HCA013i	**MULTI CASSETTE** MXI-12HCA013i	**MULTI CASSETTE** MXI-18HCA013i

OUTDOOR UNITS

	MXO-2OD-18HC012i	MXO-30C-21HC012i	MXO-3OC-27HC012i	MXO-40B-28HC012i	MXO-4OB-36HC012i	MXO-50E-42HC012i
Number of indoor units	2	3	3	4	4	5

SUPER HEATING

maximum of life

maxon WALL MODEL COMFORT

| 2,6 kW | 3,5 kW | 5,3 kW |

MODEL		MXI-09HC012i	MXI-12HC012i	MXI-18HC012i
COOLING	Capacity (kW)	2,6	3,5	5,3
	SEER	9,3 (A+++)	8,5 (A+++)	7 (A++)
HEATING	Capacity (kW)	2,9	3,8	5,6
	SCOP	4,6 (A++)	4,6 (A++)	4,0 (A+)
INDOOR UNIT	Air flow (m³/h) - Hi/Mid/Low	416/309/230	584/477/395	730/500/420
	Moisture removal (L/h)	0,80	1,2	2,2
	Sound pressure level (dB (A)) Hi/Mid/Low	39/31/23/20	39/32/26	43/34/28
	Net dimensions (WxLxH) (mm)	722x187x290	802x189x297	965x215x319
	Dimensions with packaging (WxLxH) (mm)	790x270x370	875x285x380	1045x305x410
	Net/Shipping Weight (kg)	7.3/9.7	8.6/11.1	10.9/14.2

ENERGY EFFICIENCY **A+++** SEER 8,5 **A++** SCOP 4,6   The data refers to the 3,5 kW model.

| R32 ECO REFRIGERANT | NIGHT MODE | DEHUMIDI-FICATION | ECO MODE | REFRIGERANT LACK DETECTION | HD FILTER | LOUVER POSITION MEMORY | SELF-CLEAN |

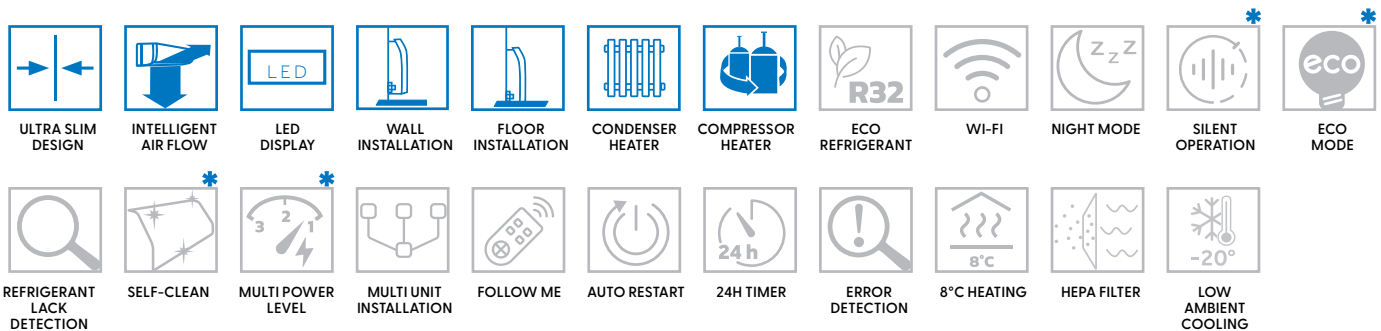| MULTI UNIT INSTALLATION | SUPER HEATING | FOLLOW ME | BLUE FIN | AUTO RESTART | 24H TIMER | ERROR DETECTION |

maxon CONSOLE – FLOOR STANDING

MODEL		MXI-09HFL013i	MXI-12HFL013i	MXI-18HFL013i
COOLING	**Capacity (kW)**	2,6	3,5	5,0
HEATING	**Capacity (kW)**	2,9	3,8	5,3
INDOOR UNIT	**Air flow (m³/h) - Hi/Mid/Low**	650/580/490	650/580/490	780/690/600
	Sound pressure level (dB (A)) Hi/Mid/Low	37/34/27	37/34/27	41/38/32
	Net dimensions (WxLxH) (mm)	794x200x621	794x200x621	794x200x621
	Dimensions with packaging (WxLxH) (mm)	865x280x719	865x280x719	865x280x719
	Net/Shipping Weight (kg)	14.9/18.8	14.9/18.8	14.9/18.8
PIPELINE	**Liquid Side Diameter**	6,35	6,35	6,35
	Gas Side Diameter	9,52	9,52	12,7

ULTRA SLIM DESIGN	INTELLIGENT AIR FLOW	LED DISPLAY	WALL INSTALLATION	FLOOR INSTALLATION	CONDENSER HEATER	COMPRESSOR HEATER	ECO REFRIGERANT	WI-FI	NIGHT MODE	SILENT OPERATION *	ECO MODE *

REFRIGERANT LACK DETECTION	SELF-CLEAN *	MULTI POWER LEVEL *	MULTI UNIT INSTALLATION	FOLLOW ME	AUTO RESTART	24H TIMER	ERROR DETECTION	8°C HEATING	HEPA FILTER	LOW AMBIENT COOLING

**Available for MXI – 12HFL013i I MXI – 18HFL013i
*** Optional: wired remote controller MX–WRC120X2 (requires installation of the MX-module)

ma**x**on COMPACT CASSETE

MODEL			MXI-09HCA013i	MXI-12HCA013i	MXI-18HCA013i
COOLING	**Capacity**	kW	2,6	3,5	5,3
HEATING	**Capacity**	kW	2,9	3,8	5,6

INDOOR UNIT					
	Air flow (m³/h) - Hi/Mid/Low	m³/h	580/500/450	620/510/420	720/620/500
	Sound pressure level Hi/Mid/Low	dB(A)	38/33/29	41/36/33/25	43/39/35/29
	Net dimensions (WxLxH)	mm	570x570x260	570x570x260	570x570x260
	Dimensions with packaging (WxLxH)	mm	662x662x317	662x662x317	662x662x317
	Net/Shipping Weight	kg	14.5/17.3	16.3/20.4	16/20.6

PANEL MXPTMB-03	Panel	**Net dimensions (WxLxH)**	mm	647x647x50	647x647x50	647x647x50
	Panel	**Dimensions with packaging (WxLxH)**	mm	715x715x123	715x715x123	715x715x123
	Panel	**Net/Shipping Weight**	Kg	2,5/4,5	2,5/4,5	2,5/4,5

PIPELINE	**Liquid Side Diameter**	mm	6,35	6,35	6,35
	Gas Side Diameter	mm	9,52	9,52	12,7

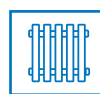| 360° AIR FLOW	LED DISPLAY	BUILT-IN CONDENSATE DRAIN PUMP	INDIVIDUAL LOUVER CONTROL	CENTRAL CONTROL MANAGEMENT	COMPRESSOR HEATER	CONDENSER HEATER	ECO REFRIGERANT	WI-FI READY	NIGHT MODE	ECO MODE

| REFRIGERANT LACK DETECTION	MULTI POWER LEVEL	MULTI UNIT INSTALLATION	FOLLOW ME	AUTO RESTART	SELF-CLEAN	24H TIMER	ERROR DETECTION	8°C HEATING	LOW AMBIENT COOLING	SILENT OPERATION

*Optional: wired remote controller MX-WRC120X2 (requires installation of the MX-module)

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MULTI OUTDOOR UNITS

	MODEL		MXO-2OD-18HC012i	MXO-30C-21HC012i
COOLING	Max. number of connected indoor units		2	3
	Capacity	kW	5,3	6,1
	Power input	W	1,6	1,9
	Annual Energy Consumption	A	7,1	9,0
	SEER		6,1 (A++)	6,5 (A++)
HEATING	Capacity	kW	5,6	6,45
	Power input	W	1,5	1,7
	Annual Energy Consumption	A	6,6	8,1
	SCOP		4,0 (A+)	4,0 (A+)
OUTDOOR UNIT	Air flow ((Hi/Mi/Lo)	m3/h	2100	3000
	Sound Power Level (Hi/Mi/Lo)	dB(A)	65	65
	Sound Pressure Level (Hi/Mi/Lo)	dB(A)	54	58
	Net dimensions (WxLxH)	mm	805x330x554	890x342x673
	Dimensions with packaging (WxLxH)	mm	915x370x615	1030x438x750
	Net/Shipping Weight	kg	35/38	43,3/47,1
	Refrigerant type		R32	R32
PIPELINE	Liquid Side Diameter	mm	2 x 6,35	3 x 6,35
	Gas Side Diameter	mm	2 x 9,52	3 x 9,52
	Max Pipe Length (Pre-Charge)	m	15	22,5
	Additional charge per metre	g/m	15	15
	Max. refrigerant pipe length	m	40	60
	Max. difference in level (ODU/IDU)	m	25	30
	Max Height Difference	m	15	15
	Operating range - cooling	°C	-15 ~ +50	-15 ~ +50
	Operating range - heating	°C	-15 ~ +24	-15 ~ +24
	Mounting holes spacing - outdoor	mm	511	663
	Interconnect cable	mm²	4x1,5	4x1,5
	Power Supply IU	Ph/V/Hz	220-240V-50Hz, 1Ph	220-240V-50Hz, 1Ph
	Power Supply OU		3x2,5	3x2,5
	Power Supply source	Ph/V/Hz	OU	OU
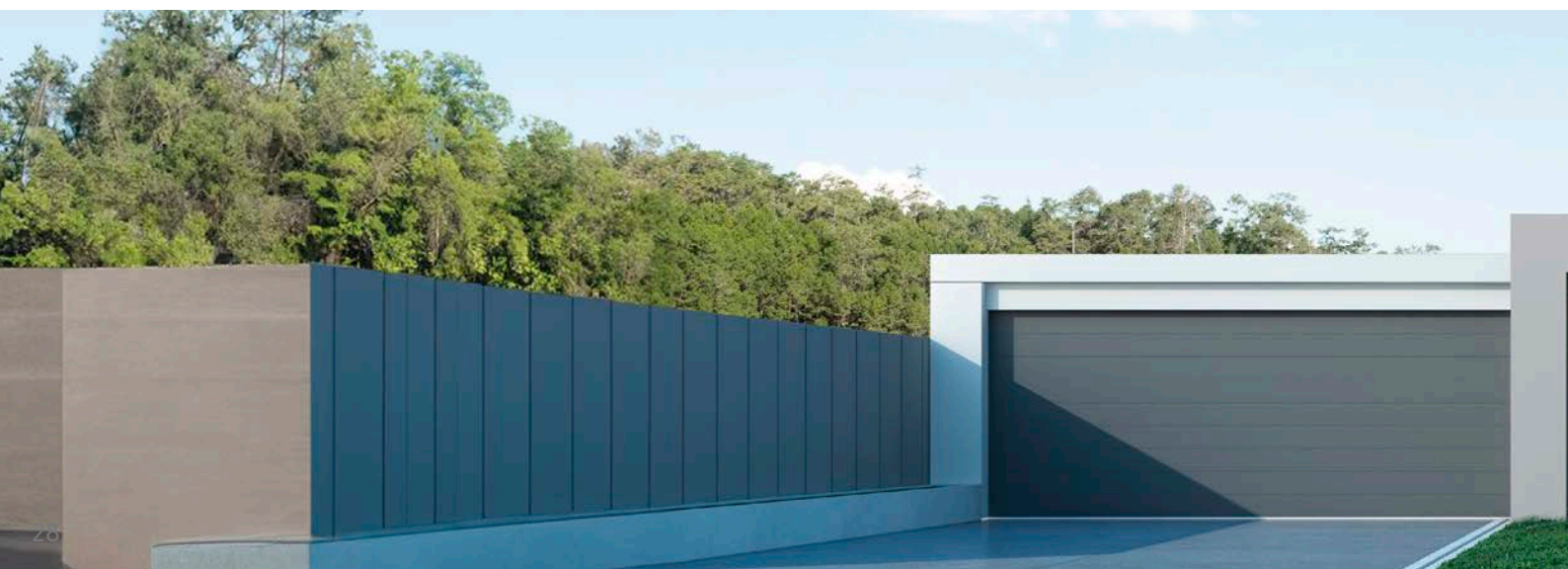
MXO-3OC-27HC012I	MXO-40B-28HC012I	MXO-4OB-36HC012i	MXO-50E-42HC012i
3	4	4	5
7,9	8,2	10,5	12,3
2,4	2,5	3,5	4
11,2	10,9	16,1	18
6,1 (A++)	7,0 (A++)	6,5 (A++)	6,6 (A++)
8,2	8,8	10,5	12,3
2,2	2,4	2,8	3,7
10,1	10,4	13,18	17
4,0 (A+)	4,0 (A+)	4,0 (A+)	3,8 (A)
3000	3800	4000	3850
68	69	70	70
58	61	62,5	62,5
890x342x673	946x410x810	946x410x810	946x410x810
1030x438x750	1090x500x885	1090x500x885	1090x500x885
48/51,8	62,1/67,7	68/75,6	74,1/79,5
R32	R32	R32	R32
3 x 6,35	4 x 6,35	4 x 6,35	5 x 6,35
3 x 9,52	3 x 9,5 + 1 x 12,7	3 x 9,5 + 1 x 12,7	4 x 9,52 + 1 x 12,7
22,5	30	30	37,5
15	15	15	15
60	80	80	80
30	35	35	35
15	15	15	15
–15 ~ +50	–15 ~ +50	–15 ~ +50	–15 ~ +50
–15 ~+24	–15 ~+24	–15 ~ +24	–15 ~ +24
663	673	673	673
4x1,5	4x1,5	4x1,5	4x1,5
220-240V-50Hz, 1Ph	220-240V-50Hz, 1Ph	220-240V-50Hz, 1Ph	220-240V-50Hz, 1Ph
3x2,5	3x2,5	3x2,5	3x2,5
OU	OU	OU	OU

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COMBINATIONS OF MULTI SYSTEMS

MULTI MXO-2OD-18HC012i (R32) OUTDOOR UNIT – 5kW outdoor unit (dual)

	Unit	A	B	C	D	COOLING Total	A	B	C	D	HEATING Total
2 indoor units	9+9	2,64	2,64	-	-	5,26 (1,37-5,81)	2,64	2,64	-	-	5,58 (1,70-5,34)
	9+12	2,25	3,00	-	-	5,24 (1,34-5,96)	2,43	3,24	-	-	5,68 (1,71-5,42)
	12+12	2,64	2,64	-	-	5,27 (1,31-6,08)	2,87	2,87	-	-	5,74 (1,71-5,48)

MULTI MXO-3OC-21HC012i (R32) OUTDOOR UNIT – 6kW outdoor unit (trial)

	Unit	A	B	C	D	COOLING Total	A	B	C	D	HEATING Total
2 indoor units	9+9	2,64	2,64	-	-	5,26 (2,53-6,30)	2,64	2,64	-	-	5,50 (2,49-6,88)
	9+12	2,64	3,52	-	-	6,12 (2,46-6,48)	2,64	3,52	-	-	6,39 (2,50-7,01)
	9+18	2,05	4,10	-	-	6,15 (2,65-6,86)	2,18	4,36	-	-	6,53 (2,55-7,17)
	12+12	3,10	3,10	-	-	6,19 (2,41-6,63)	3,23	3,23	-	-	6,46 (2,51-7,09)

	Unit	A	B	C	D	COOLING Total	A	B	C	D	HEATING Total
3 indoor units	9+9+9	2,05	2,05	2,05	-	6,16 (2,75-6,89)	2,11	2,11	2,11	-	6,33 (2,55-7,21)
	9+9+12	1,87	1,87	2,50	-	6,24 (2,7-6,98)	1,91	1,91	2,55	-	6,38 (2,56-7,27)

MULTI MXO-3OC-27HC012i (R32) OUTDOOR UNIT – 7,9kW outdoor unit (trial)

	Unit	A	B	C	D	COOLING Total	A	B	C	D	HEATING Total
2 indoor units	9+9	2,64	2,64	-	-	5,26 (3,20-7,94)	2,64	2,64	-	-	5,51 (2,96-8,25)
	9+12	2,64	3,52	-	-	6,19 (3,16-8,26)	2,64	3,52	-	-	6,48 (2,987-8,46)
	9+18	2,64	5,28	-	-	7,90 (3,35-8,97)	2,63	5,28	-	-	8,10 (3,04-8,68)
	12+12	3,52	3,52	-	-	7,09 (3,11-8,54)	3,52	3,52	-	-	7,38 (2,98-8,58)
	12+18	3,12	4,69	-	-	7,82 (3,30-9,16)	3,27	4,90	-	-	8,17 (3,05-8,75)

	Unit	A	B	C	D	COOLING Total	A	B	C	D	HEATING Total
3 indoor units	9+9+9	2,64	2,64	2,64	-	7,85 (3,51-9,05)	2,64	2,64	2,64	-	8,28 (3,11-9,58)
	9+9+12	2,36	2,36	3,14	-	7,86 (3,44-9,24)	2,48	2,48	3,31	-	8,27 (3,11-9,71)
	9+12+12	2,14	2,85	2,85	-	7,85 (3,38-9,39)	2,25	3,00	3,00	-	8,24 (3,12-9,82)
	12+12+12	2,65	2,65	2,65	-	7,95 (3,30-9,52)	2,75	2,75	2,75	-	8,24 (3,12-9,90)

MULTI MXO-4OB-28HC012i (R32) OUTDOOR UNIT - 8,2kW outdoor unit (quadral)

	Unit	A	B	C	D	Total (COOLING)	A	B	C	D	Total (HEATING)
2 indoor units	9+9	2,64	2,64	-	-	5,26 (3,20-7,94)	2,64	2,64	-	-	5,51 (2,96-8,25)
	9+12	2,64	3,52	-	-	6,19 (3,16-8,26)	2,64	3,52	-	-	6,48 (2,987-8,46)
	9+18	2,64	5,28	-	-	7,90 (3,35-8,97)	2,63	5,28	-	-	8,10 (3,04-8,68)
	12+12	3,52	3,52	-	-	7,09 (3,11-8,54)	3,52	3,52	-	-	7,38 (2,98-8,58)
	12+18	3,12	4,69	-	-	7,82 (3,30-9,16)	3,27	4,90	-	-	8,17 (3,05-8,75)

	Unit	A	B	C	D	Total	A	B	C	D	Total
3 indoor units	9+9+9	2,64	2,64	2,64	-	7,94 (3,52-10,12)	2,64	2,64	2,64	-	8,28 (3,11-9,58)
	9+9+12	2,38	2,38	3,18	-	7,95 (3,45-10,35)	2,54	2,54	3,38	-	8,45 (3,10-9,74)
	9+9+18	2,02	2,02	4,04	-	8,08 (3,62-10,78)	2,10	2,10	4,20	-	8,40 (3,17-10,08)
	9+12+12	2,20	2,93	2,93	-	8,06 (3,38-10,55)	2,29	3,05	3,05	-	8,40 (3,03-9,95)
	12+12+12	2,72	2,72	2,72	-	8,15 (3,31-10,73)	2,80	2,80	2,80	-	8,40 (2,98-10,09)

	Unit	A	B	C	D	Total	A	B	C	D	Total
4 indoor units	9+9+9+9	2,03	2,03	2,03	2,03	8,13 (3,72-10,93)	2,11	2,11	2,11	2,11	8,44 (3,20-9,99)

MULTI MXO-4OB-36HC012i (R32) OUTDOOR UNIT – 8,2kW outdoor unit (quadral)

	Unit	A	B	C	D	Total (COOLING)	A	B	C	D	Total (HEATING)
2 indoor units	9+9	2,64	2,64	-	-	5,27 (3,36-10,06)	2,64	2,64	-	-	5,54 (4,01-11,80)
	9+12	2,64	3,52	-	-	6,27 (3,31-10,62)	2,64	3,52	-	-	6,56 (4,03-12,21)
	9+18	2,64	5,28	-	-	7,98 (3,51-11,75)	2,64	5,28	-	-	8,25 (4,17-12,85)
	12+12	3,52	3,52	-	-	7,13 (3,26-11,10)	3,52	3,52	-	-	7,42 (4,05-12,62)
	12+18	3,52	5,28	-	-	8,94 (3,46-12,05)	3,52	5,28	-	-	9,21 (4,19-13,09)

	Unit	A	B	C	D	Total	A	B	C	D	Total
3 indoor units	9+9+9	2,64	2,64	2,64	-	7,90 (3,67-11,93)	2,64	2,64	2,64	-	8,15 (4,20-12,63)
	9+9+12	2,64	2,64	3,52	-	8,74 (3,60-12,25)	2,64	2,64	3,52	-	8,97 (4,21-12,91)
	9+9+18	2,64	2,64	5,28	-	10,53 (3,78-12,86)	2,64	2,64	5,28	-	10,89 (4,29-13,28)
	9+12+12	2,64	3,52	3,52	-	9,69 (3,53-12,55)	2,64	3,52	3,52	-	10,06 (4,22-13,14)
	9+12+18	2,43	3,25	4,87	-	10,55 (3,72-13,10)	2,51	3,34	5,01	-	10,86 (4,30-13,44)
	12+12+12	3,52	3,52	3,52	-	10,60 (3,47-12,81)	3,52	3,52	3,52	-	10,90 (4,23-13,33)
	12+12+18	3,05	3,05	4,57	-	10,67 (3,66-13,32)	3,13	3,13	4,70	-	10,96 (4,13-13,58)

	Unit	A	B	C	D	Total	A	B	C	D	Total
4 indoor units	9+9+9+9	2,64	2,64	2,64	2,64	10,54 (3,90-13,11)	2,64	2,64	2,64	2,64	10,79 (4,30-13,10)
	9+9+9+12	2,46	2,46	2,46	3,28	10,66 (3,85-13,33)	2,52	2,52	2,52	3,36	10,93 (4,31-13,35)
	9+9+9+18	2,10	2,10	2,1	4,21	10,52 (3,98-13,84)	2,16	2,16	2,16	4,33	10,82 (4,36-13,60)
	9+9+12+12	2,28	2,28	3,04	3,04	10,63 (3,80-13,52)	2,33	2,33	3,11	3,11	10,88 (4,32-13,48)
	9+9+12+18	1,99	1,99	2,65	3,98	10,61 (3,94-13,99)	2,04	2,04	2,72	4,09	10,90 (4,36-13,70)
	9+12+12+12	2,12	2,82	2,82	2,82	10,58 (3,75-13,71)	2,16	2,89	2,89	2,89	10,82 (4,32-13,60)
	12+12+12+12	2,63	2,63	2,63	2,63	10,53 (3,69-13,87)	2,72	2,72	2,72	2,72	10,89 (4,33-13,89)

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COMBINATIONS OF MULTI SYSTEMS

MULTI MXO-50E-42HC012i (R32) OUTDOOR UNIT – 12,3kW outdoor unit (quintal – 1 outdoor 5 indoor)

				COOLING							HEATING
	Unit	A	B	C	D	Total	A	B	C	D	Total
2 indoor units	9+12	2,64	3,52	-	-	6,15 (3,34-10,74)	2,64	3,52	-	-	6,42 (3,32-12,48)
	9+18	2,64	5,28	-	-	8,07 (3,54-11,89)	2,64	5,28	-	-	8,26 (3,43-13,04)
	12+12	3,52	3,52	-	-	7,18 (3,28-11,23)	3,52	3,52	-	-	7,42 (3,34-12,83)
	12+18	3,52	5,28	-	-	8,92 (3,49-12,25)	3,52	5,28	-	-	9,21 (3,44-13,25)

	Unit	A	B	C	D	Total	A	B	C	D	Total
3 indoor units	9+9+9	2,64	2,64	2,64	-	7,84 (3,70-12,13)	2,64	2,64	2,64	-	8,15 (3,44-12,83)
	9+9+12	2,64	2,64	3,52	-	8,85 (3,63-12,46)	2,64	2,64	3,52	-	9,11 (3,44-12,83)
	9+9+18	2,64	2,64	5,28	-	10,53 (3,81-13,03)	2,64	2,64	5,28	-	10,89 (3,51-13,43)
	9+12+12	2,64	3,52	3,52	-	9,69 (3,55-12,71)	2,64	3,52	3,52	-	10,05 (3,39-13,29)
	9+12+18	2,64	3,52	5,28	-	11,45 (3,75-13,27)	2,64	3,52	5,28	-	11,83 (3,51-13,58)
	12+12+12	3,52	3,52	3,52	-	10,60 (3,50-12,98)	3,52	3,52	3,52	-	10,88 (3,37-13,46)
	12+12+18	3,52	3,52	5,28	-	12,13 (3,69-13,49)	3,52	3,52	5,28	-	12,48 (3,47-13,69)

	Unit	A	B	C	D	Total	A	B	C	D	Total
4 indoor units	9+9+9+9	2,64	2,64	2,64	2,64	10,54 (3,93-13,29)	2,64	2,64	2,64	2,64	10,78 (3,51-13,34)
	9+9+9+12	2,64	2,64	2,64	3,52	11,34 (3,88-13,50)	2,64	2,64	2,64	3,52	11,75 (3,50-13,49)
	9+9+9+18	2,42	2,42	2,42	4,84	12,11 (4,01-14,03)	2,47	2,47	2,47	4,94	12,36 (3,52-13,71)
	9+9+12+12	2,64	2,64	3,52	3,52	12,15 (3,83-13,70)	2,64	2,64	3,52	3,52	12,40 (3,50-13,60)
	9+9+12+18	2,26	2,26	3,02	4,53	12,07 (3,97-14,18)	2,33	2,33	3,11	4,66	12,43 (3,89-13,79)
	9+12+12+12	2,43	3,24	3,24	3,24	12,14 (3,79-13,88)	2,47	3,29	3,29	3,29	12,35 (3,46-13,70)
	9+12+12+18	2,15	2,86	2,86	4,30	12,17 (3,93-14,32)	2,18	2,91	2,91	4,35	12,36 (3,52-13,87)
	12+12+12+12	3,03	3,03	3,03	3,03	12,11 (3,72-14,05)	3,11	3,11	3,11	3,11	12,42 (3,46-13,78)
	12+12+12+18	2,69	2,69	2,69	4,04	12,12 (3,88-14,45)	2,76	2,76	2,76	4,14	12,41 (3,52-13,93)

					COOLING							HEATING
	Unit	A	B	C	D	E	Total	A	B	C	D	E	Total
5 indoor units	9+9+9+9+9	2,43	2,43	2,43	2,43	2,43	12,14 (4,07-14,09)	2,48	2,48	2,48	2,48	2,48	12,42 (3,51-13,62)
	9+9+9+9+12	2,27	2,27	2,27	2,27	3,02	12,09 (4,04-14,24)	2,32	2,32	2,32	2,32	3,09	12,36 (3,53-13,72)
	9+9+9+9+18	2,01	2,01	2,01	2,01	4,02	12,05 (4,14-14,59)	2,06	2,06	2,06	2,06	4,12	12,37 (3,55-13,87)
	9+9+9+12+12	2,12	2,12	2,12	2,83	2,83	12,04 (4,01-14,37)	2,19	2,19	2,19	2,93	2,93	12,43 (3,54-13,80)
	9+9+12+12+12	2,02	2,02	2,69	2,69	2,69	12,13 (3,97-14,49)	2,07	2,07	2,77	2,77	2,77	12,45 (3,53-13,87)

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FLEXIBLE INSTALLATION

The MultI Split series is the ideal solution for efficient **2, 3, 4 or 5-zone** air conditioning with a single outdoor unit. All indoor units can be individually controlled and pipe lengths of up 80 metres can be accommodated.

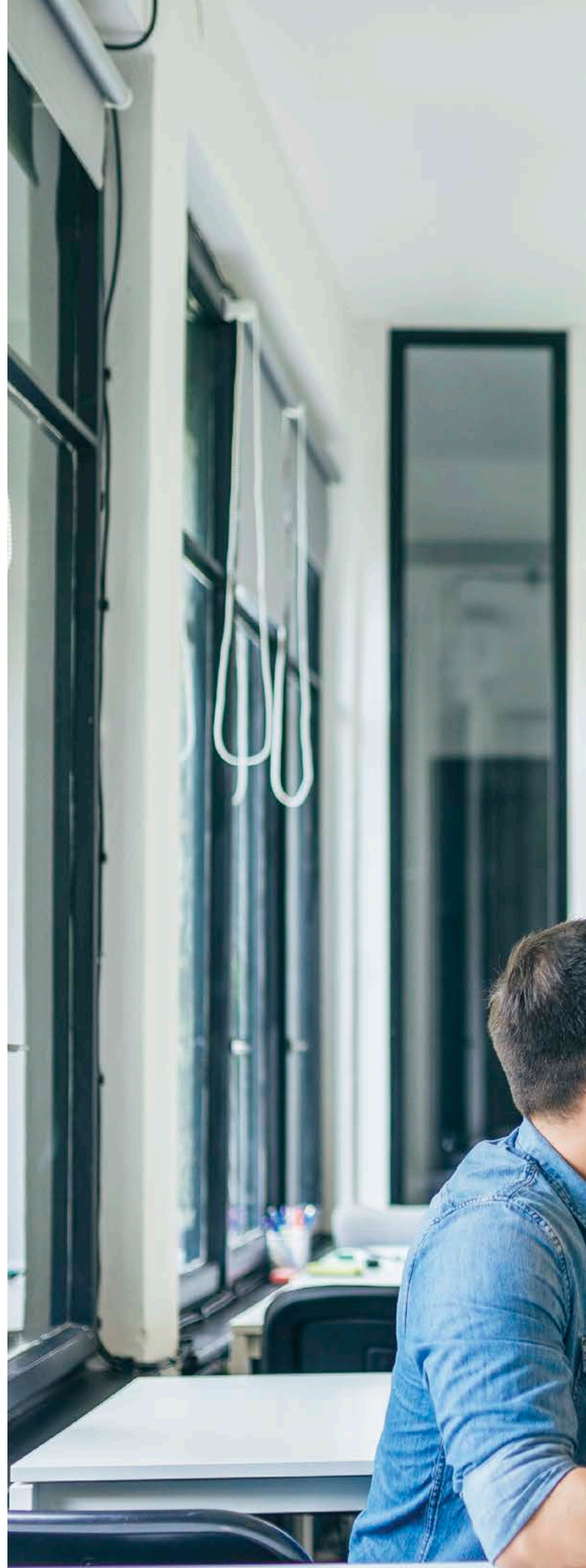Indoor units do not need to be installed simultaneously, enabling system expansion depending on the user's needs.

Benefits:

• Complete flexibility with combinations of different unit types and capacities
• Individual control of each unit
• Up to 80 meters total pipe length
• Up to 5 zones with one outdoor unit
• R32 refrigerant

19 ˚C

24 ˚C   20 ˚C

21 ˚C
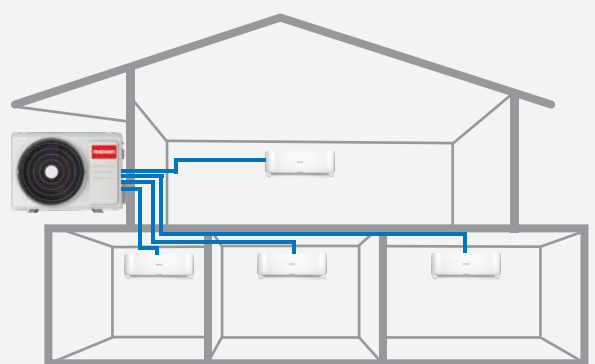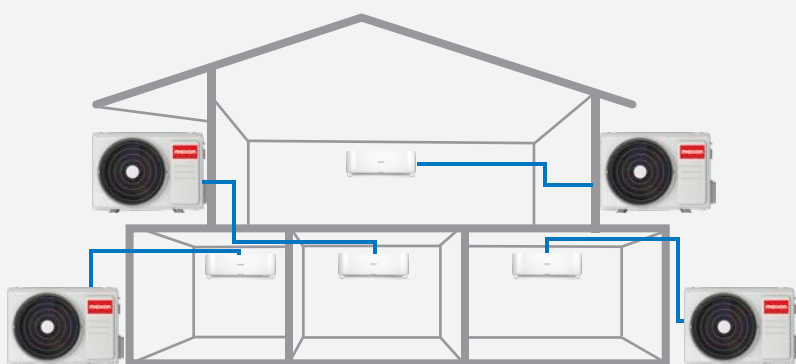
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COMMERCIAL SYSTEMS

MODEL OVERVIEW
COMMERCIAL SYSTEMS

INDOOR UNITS

	12	18	24	36	48	55
CONSOLE	MXI-12HFL013i	MXI-18HFL013i				
COMPACT CASSETTE	MXI-12HCA013i	MXI-18HCA013i				
SUPER SLIM CASSETTE			MXI-24HCA013i	MXI-36HCA013i	MXI-48HCA013i	MXI-55HCA013i

OUTDOOR UNITS

MXO-1U12HCO013I	MXO-1U18HCO013I	MXO-1U24HCO013I	MXO-1U36HCO013I	MXO-1U48HCO013I	MXO-1U55HCO013I

maxon CONSOLE

MODEL		INDOOR	MXI-12HFL013i	MXI-18HFL013i
		OUTDOOR	MXO-1U12HCO013i	MXO-1U18HCO013i
COOLING	Capacity	kW	3,5 (0,8 – 4,1)	5,0 (2,6 – 5,6)
	Power input	W	1000	1500
	Annual Energy Consumption	A	4,52	6,7
	SEER		7,3 (A++)	6,7 (A++)
HEATING	Capacity	kW	3,8 (0,5 – 4,7)	5,2 (2,2 – 6,3)
	Power input	W	980	1420
	Annual Energy Consumption	A	4,4	6,4
	SCOP		4,0 (A+)	4,0 (A+)
	Max. power input	W	1850	2950
	Max. Operating Current	A	9	13,5
INDOOR UNIT	Air flow (Hi/Mi/Lo)	m³/h	650/580/490	780/690/600
	Sound power level	dB(A)	37/34/27	41/38/32
	Net dimensions (WxLxH)	mm	794x206x621	794x206x621
	Dimensions with packaging (WxLxH)	mm	865x280x719	865x280x719
	Net/Shipping Weight	Kg	14.9/18.8	14.9/18.8
OUTDOOR UNIT	Sound power level	dB(A)	54	55
	Net dimensions (WxLxH)	mm	765x303x555	805x330x554
	Dimensions with packaging (WxLxH)	mm	887x337x610	915x370x615
	Net/Shipping Weight	kg	26,6/29	32,5/35,2
	Refrigerant type	/	R32	R32
	Refrigerant charge	kg	0,72	1,15
PIPELINE	Liquid Side Diameter	mm	6.35	6.35
	Gas Side Diameter	mm	9,52	12,7
	Max. pipe length (Pre-charge)	m	5	5
	Additional charge per metre	g/m	12	12
	Max. refrigerant pipe lenght	m	25	30
	Max. difference in level	m	10	20
	Operating range- cooling	°C	−15 ~ +50	−15 ~ +50
	Operating range - heating	°C	−15 ~ +24	−15 ~ +24
	Mounting holes spacing - outdoor	mm	452	511
	Interconnect cable	mm²	4x1,5	4x1,5
	Power Supply IU / OU	V,Hz,Ph	220-240V, 1Ph 50Hz	220-240V, 1Ph 50Hz

ULTRA SLIM DESIGN · INTELLIGENT AIR FLOW · LED DISPLAY · WALL INSTALLATION · FLOOR INSTALLATION · CONDENSER HEATER · COMPRESSOR HEATER · ECO REFRIGERANT · WI-FI · NIGHT MODE · SILENT OPERATION · ECO MODE

REFRIGERANT LACK DETECTION · HEPA FILTER · SELF-CLEAN · MULTI POWER LEVEL · MULTI UNIT INSTALLATION · FOLLOW ME · AUTO RESTART · 24H TIMER · ERROR DETECTION · 8°C HEATING · LOW AMBIENT COOLING

*Optional: wired remote controller MX-WRC120X2 (requires installation of the MX-module)

ma**x**on COMPACT CASSETTE

MODEL		INDOOR	MXI-12HCA013i	MXI-18HCA013i
		OUTDOOR	MXO-1U12HCO013i	MXO-1U18HCO013i
COOLING	Capacity	kW	3,5 (0,85 – 4,11)	5,3 (2,90 – 5,59)
	Power input	W	1010	1633
	Annual Energy Consumption	A	4,4	7,2
	SEER		6,6 (A++)	6,3 (A++)
HEATING	Capacity	kW	3,8 (0,47 – 4,31)	5,5 (2,37 – 6,10)
	Power input	W	1019	1540
	Annual Energy Consumption	A	4,7	6,8
	SCOP		4,1 (A+)	4,0 (A+)
	Max. power input	W	1850	2950
	Max. Operating Current	A	9	13,5
INDOOR UNIT	Air flow (Hi/Mi/Lo)	m³/h	620/510/420	720/620/500
	Sound power level	dB(A)	41/36/33/25.5	43/39.5/35.5/29
	Net dimensions (WxLxH)	mm	570x570x260	570x570x260
	Dimensions with packaging (WxLxH)	mm	662x662x317	662x662x317
	Net/Shipping Weight	Kg	16.3/20.4	16/20.6
Panel MX-PTMB-03	Panel Net dimensions (WxLxH)	mm	647x647x50	647x647x50
	Panel Dimensions with packaging (WxLxH)	mm	715x715x123	715x715x123
	Panel Net/Shipping Weight	Kg	2.5/4.5	2.5/4.5
OUTDOOR UNIT	Sound power level	dB(A)	60	63
	Net dimensions (WxLxH)	mm	765x303x555	805x330x554
	Dimensions with packaging (WxLxH)	mm	887x337x610	915x370x615
	Net/Shipping Weight	kg	26,6/29	32,5/35,2
	Refrigerant type		R32	R32
	Refrigerant charge	kg	0,72	1,15
PIPELINE	Liquid Side Diameter	mm	6.35	6.35
	Gas Side Diameter	mm	9,52	12,7
	Max. pipe length (Pre-charge)	m	5	5
	Additional charge per metre	g/m	12	12
	Max. refrigerant pipe lenght	m	25	30
	Max. difference in level	m	10	20
	Operating range- cooling	˚C	–15 ~ +50	–15 ~ +50
	Operating range - heating	˚C	–15 ~ +24	–15 ~ +24
	Mounting holes spacing - outdoor	mm	452	511
	Interconnect cable	mm²	4x1,5	4x1,5
	Power Supply IU / OU	V, Hz, Ph	220-240V,1Ph 50Hz	220-240V,1Ph 50Hz

360° AIR FLOW · LED DISPLAY · BUILT-IN CONDENSATE DRAIN PUMP · INDIVIDUAL LOUVER CONTROL · CENTRAL CONTROL MANAGEMENT · CONDENSER HEATER · COMPRESSOR HEATER · ECO REFRIGERANT · WI-FI READY · NIGHT MODE · SILENT OPERATION

ECO MODE · REFRIGERANT LACK DETECTION · SELF-CLEAN · LOW AMBIENT COOLING · MULTI POWER LEVEL · MULTI UNIT INSTALLATION · FOLLOW ME · AUTO RESTART · 24H TIMER · ERROR DETECTION · 8°C HEATING

*Optional: wired remote controller MX-WRC120X2 (requires installation of the MX-module)

maxon SUPER SLIM CASSETTE

	MODEL	INDOOR	MXI-24HCA013i	MXI-36HCA013i	MXI-48HCA013i	MXI-55HCA013i
		OUTDOOR	MXO-1U24HCO013i	MXO-1U36HCO013i	MXO-1U48HCO013i	MXO-1U55HCO013i
COOLING	Capacity	kW	7,0 (3,30 - 7,91)	10,55 (2,70 - 11,43)	14,00 (3,52-15,83)	15,24 (4,10 - 16,71)
	Power input	W	2320	4000	4650	5000
	Annual Energy Consumption	A	10,2	6,5	8,1	8,6
	SEER		6,2 (A++)	6,4 (A++)	6,1 (A++)	6,3 (A++)
HEATING	Capacity	kW	7,62 (2,81 - 8,94)	11,14(2,78 - 12,66)	16,12(4,10 - 17,29)	18,17 (4,40 - 19,93)
	Power input	W	1900	3000	4580	5550
	Annual Energy Consumption	A	8,5	5,0	8,0	9,6
	SCOP		4,0 (A+)	4,0 (A+)	4,0 (A+)	4,0 (A+)
	Max. power input	W	3700	5000	6900	7500
	Max. Operating Current	A	19	22,5	13	14
INDOOR UNIT	Air flow (Hi/Mi/Lo)	m³/h	1300/1140/1000	1800/1600/1400	1970/1780/1580	2000/1850/1650
	Sound power level	dB(A)	45.5/42.5/39.5/27	50/47.5/44.5/39	51/48.5/46.5/37.5	53/50.5/48/40
	Net dimensions (WxLxH)	mm	830x830x205	830x830x245	830x830x287	830x830x287
	Dimensions with packaging (WxLxH)	mm	910x910x250	910x910x290	910x910x330	910x910x330
	Net/Shipping Weight	Kg	21.6/25.4	27.2/31.2	29.3/33.5	29.3/33.5
MX PTMB 04	Panel Net dimensions (WxLxH)	mm	950x950x55	950x950x55	950x950x55	950x950x55
	Panel Dimensions with packaging (WxLxH)	mm	1035x1035x90	1035x1035x90	1035x1035x90	1035x1035x90
	Panel Net/Shipping Weight	Kg	6/9	6/9	6/9	6/9
OUTDOOR UNIT	Sound power level	dB(A)	67	70	73	73
	Net dimensions (WxLxH)	mm	890x342x673	946x410x810	952x415x1333	952x415x1333
	Dimensions with packaging (WxLxH)	mm	995x398x740	1090x500x885	1095x495x1480	1095x495x1480
	Net/Shipping Weight	kg	43.9/46.9	80.5/85	103.7/118.3	107.0/121.2
	Refrigerant type		R32	R32	R32	R32
	Refrigerant charge	kg	1,5	2,4	2,9	3,0
PIPELINE	Liquid Side Diameter	mm	9,52	9,52	9,52	9,52
	Gas Side Diameter	mm	15,9	15,9	15,9	15,9
	Max. pipe length (Pre-charge)	m	5	5	5	5
	Additional charge per metre	g/m	24	24	24	24
	Max. refrigerant pipe lenght	m	50	75	75	75
	Max. difference in level	m	25	30	30	30
	Operating range- cooling	°C	-15 ~ +50	-15 ~ +50	-15 ~ +50	-15 ~ +50
	Operating range - heating	°C	-15 ~ +24	-15 ~ +24	-15 ~ +24	-15 ~ +24
	Mounting holes spacing - outdoor	mm	663	673	634	634
	Interconnect cable	mm²	4x1,5	4x1,5	4x1,5	4x1,5
	Power Supply IU / OU	V, Hz, Ph	220-240V,1Ph 50Hz	380-415V,3Ph,50Hz	380-415V, 3 Ph, 50Hz	380-415V, 3 Ph, 50Hz

360° AIR FLOW | LED DISPLAY | BUILT-IN CONDENSATE DRAIN PUMP | INDIVIDUAL LOUVER CONTROL | CENTRAL CONTROL MANAGEMENT | *TWIN SYSTEM | CONDENSER HEATER | COMPRESSOR HEATER | ECO REFRIGERANT | WI-FI READY | NIGHT MODE

SILENT OPERATION | ECO MODE | REFRIGERANT LACK DETECTION | SELF-CLEAN | LOW AMBIENT COOLING | MULTI POWER LEVEL | FOLLOW ME | AUTO RESTART | 24H TIMER | ERROR DETECTION | 8°C HEATING
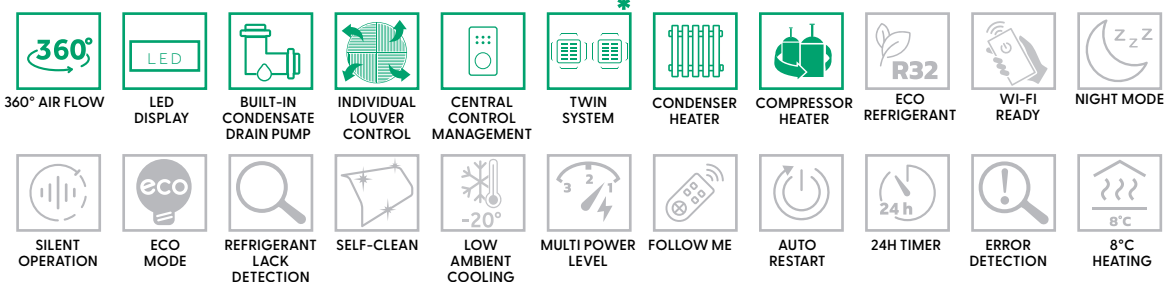
**Optional: wired remote controller MX-WRC120X2 (requires installation of the MX-module)   *Available for model MXI-24HCA013i

maxon FEATURE OVERVIEW

COMFORT

	WI-FI	Remote control of an air conditioner via a smart device whenever and from wherever you want.
	SUPER SILENT OPERATION 20 dB	Optimized fan and motor operations provide whisper-quiet performance of indoor units, so users could enjoy the comfort of their home.
	TURBO MODE	This special program allows engine operations at higher frequencies. Users can experience the ideal room temperature in a short period of time.
	8°C HEATING	In heating mode, the air conditioner can be set to a temperature of 8 °C. Maintaining that temperature in the room prevents the freezing of installations in the home.
	FOLLOW ME	The integrated sensor in the remote control precisely regulates the operation of the air conditioner, reaching the set mode in the room where the remote control is.
	LOUVER POSITION MEMORY	The flaps will automatically return to their memory position from the last time the air conditioner was turned off.
	SUPER HEATING	The condensate heater quickly melts and removes snow and ice from the air conditioner's outside unit, ensuring a more stable heating capacity at low outside temperatures.
	360° AIR FLOW	The design of the flaps ensures distribution of the air in all directions, providing even cooling throughout the room.
	CENTRAL CONTROL	Control and monitor up to 64 indoor units.
	INDIVIDUAL LOUVER CONTROL	The remote controller feature allows you to customize the airflow direction, which enhances comfort in the room.
	INTELLIGENT AIR FLOW	Directs the airflow upwards at cooling mode, and downwards at heating mode to provide better air conditioning performance. Two-way air flow ensures more efficient cooling and heating and enhances wind-free air distribution.
	WI-FI READY	By purchasing a Wi-Fi module, the air conditioner's functionality can be upgraded. Using a computer, tablet, or smartphone, the module enables remote control and monitoring of the air conditioner over a wireless network.
	AUTO VERTICAL AIRFLOW	Automatic feature that adjusts the vertical movement of air louvers. It ensures even air distribution and consistent temperature throughout the room.
	-15° C HEATING	It ensures strong heating performance during cold winters due to the rotary compressor.

ENERGY SAVING

|		
	ECO MODE	The economy mode of air conditioners reduces energy consumption by up to 60% during 8 operation when compared to the standard mode.
	MULTI POWER LEVEL	Maxon inverter air conditioners provide three operating power options: 50%, 75%, and 100%. You can select a lower power level using the Gear button on the remote control to save energy when you find the cooling sufficient.
	NIGHT MODE	Provides maximum comfort and energy saving during your good night's sleep.
	1W STANDBY	It minimizes power consumption in standby mode from 8 W to just 1 W while maintaining optimal program performance.
	TWIN SYSTEM	It enables the control of two indoor units of the same type and capacity from a single outdoor unit. High efficiency in distributing air in irregularly shaped rooms.

RELIABILITY

	MULTI OPTION	Multi-split systems enable the connection of several indoor units to a single outdoor unit.
	REFRIGERANT LACK DETECTION	The air conditioner alerts its user about a refrigerant deficiency in the system.
	FAN SPEED REGULATION	Possibility to select the fan speed of the indoor unit for more comfortable air circulation.
	BLUE FIN	The hydrophilic and anti-corrosive coating provides quick and easy condensate drainage while efficiently eliminating microparticles such as dust, bacteria, and viruses, thus ensuring a healthier environment.
	GOLDEN FIN	The gold-plated evaporator effectively prevents the growth of bacteria. It improves heating efficiency by accelerating defrosting of the outdoor unit, and it can withstand salty air, rain, and other corrosive elements.
	AUTO RESTART	During an electrical power outage, the air conditioner will automatically restore your previous settings for a quick return to comfort.
	24 h TIMER	It allows you to program the time of automatic switching on and off of the air conditioner within 24 hours.
	ERROR DETECTION	In case of an error during operation, the air conditioner automatically shuts down and displays an error code on the display. This speeds up the diagnosis and repair process of the air conditioner.
	BUILT-IN CONDENSATE DRAIN PUMP	The drain pump can lift the condensing water up to 750 mm.
	COMPRESSOR HEATER	Ensures reliable operation of the air conditioner in cooling mode at low outdoor temperatures.
	LOW AMBIENT COOLING	It provides cooling at outdoor temperatures up to -20 ° C.

HEALTH

	IONISER	Ionises the air and emits negative and positive ions with an efficiency of 97.5%.
	UV-C LAMP	UV rays sterilise the air that circulates through the air conditioner with 99.9% efficiency.
	56°C STERILISATION	It eliminates bacteria and viruses by heating the evaporator to 56 ° C for 30 minutes.
	DEHUMIDIFICATION	Controls the humidity level in the air to keep the air clean and comfortable.
	HD FILTER	Eliminates unpleasant odors and nicotine smoke, catches smaller dust particles, and prevents allergies.
	SELF-CLEAN	The air conditioner is maintained by drying the heat exchanger in the indoor unit, followed by another sterilisation of the unit.
	FROST CLEAN (I-Clean)	It ensures clean air at the exhaust by freezing the evaporator with the humidity from the air, binding dirt particles and removing them by dissolving through the condensate drain.
	HEPA FILTER	High air purification efficiency. The filter removes up to 99.97% of dust, pollen, mold, bacteria, and airborne particles up to 0.3 microns (μm) in size.

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