



Technical Data Sheets 2023

THE WAY TO THE FUTURE_

A grayscale photograph of a mountain range with snow-capped peaks and clouds. The left side of the image is partially covered by a dark red vertical bar.

AIR CONDITIONERS

ECOLOGICAL CHOICE

EN

The Mitsubishi logo, consisting of a red stylized 'M' shape above the word "MITSUBUI" in a bold, black, sans-serif font.

MITSUBUI[®]



THE WAY TO THE FUTURE_

The company was founded in 1981 with the aim of marketing and distributing air conditioning and air treatment products.

It created an extensive sales and after-sales organisation for the end customer, expanding throughout the country.

In the 2000s, Mitsui decided to develop production and expand its areas of expertise. Renewable energy systems such as photovoltaic and solar thermal have also become part of the company's references.

In this wide-ranging production, Mitsui distinguished itself with exclusive models, building plants with integrated products and systems.

www.mitsuiairconditioner.com

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AIR CONDITIONER TECHNICAL DATA SHEETS

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DYNAMIC LINE

HIGH-EFFICIENCY WALL INVERTER
RESIDENTIAL LINE



- Wi-Fi included
- Remote control included
- Follow Me - Eco Sensor
- Plasma ion generator
- High-density antibacterial filter
- Self-cleaning filters
- Anti-corrosion treatment of batteries
- Vertical and horizontal 3D airflow
- Super silent mode
- Easy installation, maintenance and cleaning
- Energy saving 1W Standby
- Frost protection



PLASMA ION GENERATOR

The air ionizer uses powerful air purification technology that does not require a physical filter to produce clean, fresh air.



NetHome Plus

Wi-Fi function for easy management from smartphones via **NetHome Plus** app and vocally with **Amazon Alexa**



amazon alexa

9000 / 12000 / 18000 / 24000 BTU/h

9000 / 12000

A+++

18000 / 24000

A++



Refrigerant gas



Full inverter



Remote control included



Wi-Fi included

MODEL			CDX9HP24X	CDX12HP24X	CDX18HP24X	CDX24HP24X
COOLING	Nominal capacity (min-max)	Btu/h	9000 (3500 - 11000)	12000 (4700 - 14700)	18000 (6700 - 20180)	24000 (7200 - 28000)
	Nominal capacity (min-max)	kW	2,64 (1030 - 3230)	3,52 (1380 - 4300)	5,28 (1964 - 5918)	7,04 (2111 - 8211)
	Absorbed electrical power (min-max)	W	628 (90 - 1140)	1034 (130 - 1650)	1550 (560 - 2050)	2340 (420 - 3200)
	EER		4,20	3,40	3,40	3,01
	Pdesignc	kW	2,60	3,50	5,30	7,20
	SEER	W/W	8,80	8,50	7,50	6,50
	Energy efficiency class		A+++	A+++	A++	A++
HEATING	Nominal capacity (min-max)	Btu/h	10000 (2800 - 11500)	13000 (3640 - 14950)	19000 (4400 - 20030)	25000 (5300 - 28000)
	Nominal capacity (min-max)	kW	2,93 (820 - 3370)	3,81 (1070 - 4380)	5,57 (1290 - 5834)	7,33 (1554 - 8211)
	Absorbed electrical power (min-max)	W	666 (110 - 1080)	1027 (160 - 1560)	1500 (780 - 2000)	2130 (300 - 3100)
	COP		4,40	3,71	3,71	3,44
	Pdesignh (Average)	kW	2,40	2,50	4,20	4,90
	SCOP (Average)	W/W	4,60	4,60	4,00	4,00
	Energy efficiency class (Average)		A++	A++	A+	A+
	Pdesignh (Warmer)	kW	2,7	2,9	4,6	5,5
	SCOP (Warmer)	W/W	5,5	5,5	5,1	5,1
Energy efficiency class (Warmer)		A+++	A+++	A+++	A+++	
INDOOR UNIT			CDX19HP24X	CDX112HP24X	CDX118HP24X	CDX124HP24X
Power Supply	V-Ph-Hz		220-240, 1, 50	220-240, 1, 50	220-240, 1, 50	220-240, 1, 50
Air flow (Hi/Mi/Lo)	m3/h		480/365/305	531/414/327	800/710/540	980/860/640
Sound pressure level (Hi/Mi/Lo/Si)	dB(A)		36.5/29/24/20	39/33/25/21	43.5/39/32/22	46/42/33/27
Sound power level (Hi)	dB(A)		53,0	53,0	56,5	62,0
Dimensions (LxWxH)	mm		805x193x302	805x193x302	964x222x325	1106x232x342
Dimensions with packaging (LxWxH)	mm		875x375x290	875x375x290	1045x405x310	1195x420x320
Net/Gross Weight	kg		8,7/11,4	8,7/11,4	11,3/14,3	14,2/18,1
OUTDOOR UNIT			CDX09HP24X	CDX012HP24X	CDX018HP24X	CDX024HP24X
Power Supply	V-Ph-Hz		220-240, 1, 50	220-240, 1, 50	220-240, 1, 50	220-240, 1, 50
Max. power consumption	W		2200	2200	2500	3700
Sound pressure level	dB(A)		54,5	55,0	56,0	60,5
Sound power level	dB(A)		59,0	61,0	64,0	69,0
Dimensions (LxWxH)	mm		765x303x555	765x303x555	805x330x554	890x342x673
Dimensions with packaging (LxWxH)	mm		887x337x610	887x337x610	915x370x615	995x398x740
Net / Gross Weight	kg		26,7/29,1	26,7/29,1	33,5/36,1	43,9/46,9
REFRIGERANT DATA						
Refrigerant	Type		R32	R32	R32	R32
	GWP		675	675	675	675
	Refrigerant charge	kg	0,62	0,62	1,10	1,45
Refrigerant Pipe	Liquid Gas	mm (inch)	Φ6,35(1/4") Φ9,52(3/8")	Φ6,35(1/4") Φ9,52(3/8")	Φ6,35(1/4") Φ12,7(1/2")	Φ9,52(3/8") Φ15,9(5/8")
	Max refrigeration line length	m	25	25	30	50
	Max altitude difference	m	10	10	20	25
	Refrigerant pre-charge	m	5	5	5	5
	Additional FGAS	g/m	12	12	12	24
Operating temperature	Internal (cooling / heating)	°C	17-32/0-30	17-32/0-30	17-32/0-30	17-32/0-30
	External (cooling / heating)	°C	-15-50/-15-30	-15-50/-15-30	-15-50/-15-30	-15-50/-15-30

A++



Refrigerant gas



Full inverter



Remote control included



Wi-Fi included

MODEL			CDXD9HP24X	CDXD12HP24X	CDXT30HP24X	
COOLING	Nominal capacity (min-max)	Btu/h	14000 (5000-17000)	18000 (7800-19500)	27000 (10300-28000)	
	Nominal capacity (min-max)	kW	4,10 (1460-4980)	5,28 (2280-5720)	7,92 (3020-8210)	
	Absorbed electrical power (min-max)	W	1270 (100-1650)	1635 (690-2000)	2450 (230-3120)	
	EER		3,23	3,23	3,23	
	Pdesignc	kW	4,1	5,3	7,9	
	SEER	W/W	6,5	6,3	6,3	
	Energy efficiency class		A++	A++	A++	
HEATING	Nominal capacity (min-max)	Btu/h	15000 (5500-17200)	19000 (8200-19600)	28000 (8100-28000)	
	Nominal capacity (min-max)	kW	4,40 (1610-5040)	5,57 (2400-5740)	8,20 (2370-8210)	
	Absorbed electrical power (min-max)	W	1185 (220-1600)	1500 (600-1780)	2210 (330-2900)	
	COP		3,71	3,71	3,71	
	Pdesignh (Average)	kW	3,70	4,5	5,6	
	SCOP (Average)	W/W	4,00	4,0	4,0	
	Energy efficiency class (Average)		A+	A+	A+	
	Pdesignh (Warmer)	kW	4,1	5,0	6,0	
	SCOP (Warmer)	W/W	5,1	5,1	5,1	
Energy efficiency class (Warmer)		A+++	A+++	A+++		
INDOOR UNIT			{2x} CDXI9HP24X	{2x} CDXI12HP24X	{2x} CDXI9HP24X	CDXI12HP24X
Power Supply	V-Ph-Hz		220-240, 1, 50	220-240, 1, 50	220-240, 1, 50	
Air flow (Hi/Mi/Lo)	m3/h		480/365/305	531/414/327	480/365/305	531/414/327
Sound pressure level (Hi/Mi/Lo/Si)	dB(A)		36,5/29/24	39/33/25	36,5/29/24	39/33/25
Sound power level (Hi)	dB(A)		53,0	53,0	53,0	
Dimensions (LxWxH)	mm		805x193x302	805x193x302	805x193x302	
Dimensions with packaging (LxWxH)	mm		885x375x290	885x375x290	885x375x290	
Net/Gross Weight	kg		8,7/11,4	8,7/11,4	8,7/11,4	
OUTDOOR UNIT			MTXD018HP24X	MTXD024HP24X	MTXT030HP24X	
Power Supply	V-Ph-Hz		220-240, 1, 50	220-240, 1, 50	220-240, 1, 50	
Max. power consumption	W		2750	3050	4100	
Sound pressure level	dB(A)		56,0	54,0	58,0	
Sound power level	dB(A)		65,0	65,0	68,0	
Dimensions (LxWxH)	mm		805x330x554	805x330x554	890x342x673	
Dimensions with packaging (LxWxH)	mm		915x370x615	915x370x615	1030x438x750	
Net / Gross Weight	kg		34,7/31,6	35,0/38,0	48,0/51,8	
REFRIGERANT DATA						
Refrigerant	Type		R32	R32	R32	
	GWP		675	675	675	
	Refrigerant charge	kg	1,10	1,25	1,85	
Refrigerant Pipe	Liquid	mm	2xΦ6,35(2x1/4")	2xΦ6,35(2x1/4")	3xΦ6,35(3x1/4")	
	Gas	(inch)	2xΦ9,52(2x3/8")	2xΦ9,52(2x3/8")	3xΦ9,52(3x3/8")	
	Max refrigeration line length	m	40	40	30	
	Max altitude difference	m	15	15	20	
	Refrigerant pre-charge	m	15	15	5	
	Additional FGAS	g/m	12	12	12	
Operating temperature	Internal (cooling / heating)	°C	17-32/0-30	17-32/0-30	17-32/0-30	
	External (cooling / heating)	°C	-15-50/-15-24	-15-50/-15-24	-15-50/-15-24	

A++



MODEL			CDXQ39HP24		CDXP45HP24	
COOLING	Nominal capacity (min-max)	Btu/h	36000 (10650-38000)		42000 (10800-42000)	
	Nominal capacity (min-max)	kW	10,56 (3120-11140)		12,32 (3160-12320)	
	Absorbed electrical power (min-max)	W	3520 (200-4100)		3810 (180-4650)	
	EER		3,00		3,23	
	Pdesignc	kW	10,5		12,3	
	SEER	W/W	6,7		7	
	Energy efficiency class		A++		A++	
HEATING	Nominal capacity (min-max)	Btu/h	36000 (10600-42800)		42000 (11500-42000)	
	Nominal capacity (min-max)	kW	10,56 (3110-12550)		12,32 (3370-12320)	
	Absorbed electrical power (min-max)	W	2930 (640-3700)		3315 (550-4050)	
	COP		3,6		3,71	
	Pdesignh (Average)	kW	8,70		9,80	
	SCOP (Average)	W/W	4,0		3,6	
	Energy efficiency class (Average)		A+		A	
	Pdesignh (Warmer)	kW	9,8		10	
	SCOP (Warmer)	W/W	5,1		4,9	
Energy efficiency class (Warmer)		A+++		A++		
INDOOR UNIT			(3x) CDXI9HP24X		CDXI12HP24X	
Power Supply		V-Ph-Hz	220-240, 1, 50		220-240, 1, 50	
Air flow (Hi/Mi/Lo)		m3/h	480/365/305		531/414/327	
Sound pressure level (Hi/Mi/Lo/Si)		dB(A)	36,5/29/24		39/33/25	
Sound power level (Hi)		dB(A)	53,0		53,0	
Dimensions (LxWxH)		mm	805x193x302		805x193x302	
Dimensions with packaging (LxWxH)		mm	885x375x290		885x375x290	
Net/Gross Weight		kg	8,7/11,4		8,7/11,4	
OUTDOOR UNIT			MTXQ039HP24		MTXP045HP24	
Power Supply		V-Ph-Hz	220-240, 1, 50		220-240, 1, 50	
Max. power consumption		W	4600		4700	
Sound pressure level		dB(A)	62,0		64,0	
Sound power level		dB(A)	69,0		70,0	
Dimensions (LxWxH)		mm	946x410x810		946x410x810	
Dimensions with packaging (LxWxH)		mm	1090x500x875		1090x500x875	
Net / Gross Weight		kg	68,8/75,6		73,3/80,4	
REFRIGERANT DATA						
Refrigerant	Type		R32		R32	
	GWP		675		675	
	Refrigerant charge	kg	2,10		2,90	
Refrigerant Pipe	Liquid Gas	mm (inch)	4xΦ6,35(4x1/4") / 3xΦ9,52(3x3/8") + 1xΦ12,7(1x1/2")		5xΦ6,35(5x1/4") / 4xΦ9,52(4x3/8") + 1xΦ12,7(1x1/2")	
	Max refrigeration line length	m	50		50	
	Max altitude difference	m	25		25	
	Refrigerant pre-charge	m	5		5	
	Additional FGAS	g/m	12		12	
Operating temperature	Internal (cooling / heating)	°C	17-32/0-30		17-32/0-30	
	External (cooling / heating)	°C	-15-50/-15-24		-15-50/-15-24	

TREND LINE

WALL INVERTER
RESIDENTIAL LINE



- Wi-Fi optional
- Remote control included
- High-density antibacterial filter
- Triple silver ion filter
- Anti-corrosion treatment of batteries
- Super silent mode
- Easy installation, maintenance and cleaning
- Energy saving 1W Standby
- Frost protection



3-STAGE FILTER PACK

The filter system effectively removes pollutants and allergens, allowing pollutant-free air to escape.



NetHome Plus

Wi-Fi function for easy management from smartphones via **NetHome Plus** app and vocally with **Amazon Alexa**



amazon alexa



A++



Refrigerant
gas



Inverter



Remote control
included



Wi-Fi
optional

MODEL			MTX9HP24	MTX12HP24	MTX18HP24X	MTX24HP24X
COOLING	Nominal capacity (min-max)	Btu/h	9000 (3100 - 11600)	12000 (3800 - 14200)	18000 (6200-19900)	24000 (7100-27000)
	Nominal capacity (min-max)	kW	2,64 (909 - 3400)	3,52 (1114 - 4164)	5,28 (1818-6129)	7,04 (2082-7953)
	Absorbed electrical power (min-max)	W	732 (100 - 1240)	1088 (130 - 1580)	1550 (560-2050)	2600 (420-3150)
	EER		3,60	3,23	3,40	2,71
	Pdesignc	kW	2,80	3,60	5,30	7,00
	SEER	W/W	6,30	6,10	7,40	6,10
	Energy efficiency class		A++	A++	A++	A++
HEATING	Nominal capacity (min-max)	Btu/h	10000 (2800 - 11500)	13500 (3700 - 14400)	19000 (4700-19960)	25000 (5500-27000)
	Nominal capacity (min-max)	kW	2,93 (820 - 3370)	3,96 (1085 - 4222)	5,57 (1378-5853)	7,33 (1612-7918)
	Absorbed electrical power (min-max)	W	733 (120 - 1200)	1068 (100 - 1680)	1502 (780-2000)	2400 (300-2750)
	COP		4,00	3,71	3,71	3,05
	Pdesignh (Average)	kW	2,60	2,70	4,10	4,80
	SCOP (Average)	W/W	4,00	4,00	4,00	4,00
	Energy efficiency class (Average)		A+	A+	A+	A+
	Pdesignh (Warmer)	kW	2,60	2,50	4,50	6,10
	SCOP (Warmer)	W/W	5,10	5,10	5,20	5,00
Energy efficiency class (Warmer)		A+++	A+++	A+++	A++	
INDOOR UNIT			MTXI9HP24	MTXI12HP24	MTXI18HP24X	MTXI24HP24X
Power Supply	V-Ph-Hz		220-240, 1, 50	220-240, 1, 50	220-240, 1, 50	220-240, 1, 50
Air flow (Hi/Mi/Lo)	m3/h		466/360/325	540/430/314	840/680/540	980/817/662
Sound pressure level (Hi/Mi/Lo/Si)	dB(A)		38.5/32/25/21	40.5/34.5/25/21	42.5/36/26/20	45/40.5/36/31
Sound power level (Hi)	dB(A)		54,0	55,0	56,0	59,0
Dimensions (LxWxH)	mm		805x194x285	805x194x285	957x213x302	1040x220x327
Dimensions with packaging (LxWxH)	mm		870x270x365	870x270x365	1035x295x380	1120x405x310
Net/Gross Weight	kg		7,6/9,7	7,6/9,8	10/13	12,3/15,8
OUTDOOR UNIT			MTXO9HP24	MTXO12HP24	MTXO18HP24X	MTXO24HP24X
Power Supply	V-Ph-Hz		220-240, 1, 50	220-240, 1, 50	220-240, 1, 50	220-240, 1, 50
Max. power consumption	W		2150	2150	2500	3500
Sound pressure level	dB(A)		55,5	56,0	56,0	59,0
Sound power level	dB(A)		62,0	63,0	63,0	67,00
Dimensions (LxWxH)	mm		720x270x495	720x270x495	805x330x554	890x342x673
Dimensions with packaging (LxWxH)	mm		835x300x540	835x300x540	915x370x615	995x398x740
Net / Gross Weight	kg		23,2/25,0	23,2/25,0	32,7/35,4	42,9/45,9
REFRIGERANT DATA						
Refrigerant	Type		R32	R32	R32	R32
	GWP		675	675	675	675
	Refrigerant charge	kg	0,55	0,55	1,08	1,42
Refrigerant Pipe	Liquid	mm	Φ6,35(1/4")	Φ6,35(1/4")	Φ6,35(1/4")	Φ9,52(3/8")
	Gas	(inch)	Φ9,52(3/8")	Φ9,52(3/8")	Φ12,7(1/2")	Φ15,9(5/8")
	Max refrigeration line length	m	25,0	25,0	30,0	50,0
	Max altitude difference	m	10,0	10,0	20,0	25,0
	Refrigerant pre-charge	m	5,0	5,0	5,0	5,0
	Additional FGAS	g/m	12,0	12,0	12,0	24,0
Operating temperature	Internal (cooling / heating)	°C	17-32/0-30	17-32/0-30	17-32/0-30	17-32/0-30
	External (cooling / heating)	°C	-15-50/-15-30	-15-50/-15-30	-15-50/-15-30	-15-50/-15-30

DUAL 9000 / DUAL 12000 / TRIAL 2x9000 + 12000 BTU/h

A++



R32
Refrigerant gas



Inverter



Remote control included



Wi-Fi optional

MODEL			MTXD9HP24X	MTXD12HP24X	MTXT30HP24X	
COOLING	Nominal capacity (min-max)	Btu/h	14000 (5000-17000)	18000 (7800-19500)	27000 (10850-28000)	
	Nominal capacity (min-max)	kW	4,10 (1460-4980)	5,28 (2280-5720)	7,92 (3180-8210)	
	Absorbed electrical power (min-max)	W	1270 (115-1672)	1635 (690-2000)	2450 (290-3100)	
	EER		3,23	3,23	3,23	
	Pdesignc	kW	4,1	5,3	7,9	
	SEER	W/W	5,6	6,1	6,1	
	Energy efficiency class		A+	A++	A++	
HEATING	Nominal capacity (min-max)	Btu/h	15000 (5200-17000)	19000 (8200-19600)	28000 (7800-29000)	
	Nominal capacity (min-max)	kW	4,40 (1520-4990)	5,57 (2400-5740)	8,21 (2290-8500)	
	Absorbed electrical power (min-max)	W	1185 (250-1590)	1500 (600-1780)	2210 (370-2900)	
	COP		3,71	3,71	3,71	
	Pdesignh (Average)	kW	3,70	4,8	5,6	
	SCOP (Average)	W/W	3,8	3,8	4,0	
	Energy efficiency class (Average)		A	A	A+	
	Pdesignh (Warmer)	kW	4,1	5,0	6,1	
	SCOP (Warmer)	W/W	4,6	5,1	5,1	
Energy efficiency class (Warmer)		A++	A+++	A+++		
INDOOR UNIT			{2x} MTXI9HP24	{2x} MTXI12HP24	{2x} MTXI9HP24	MTXI12HP24
Power Supply	V-Ph-Hz		220-240, 1, 50	220-240, 1, 50	220-240, 1, 50	
Air flow (Hi/Mi/Lo)	m3/h		466/360/325	540/430/314	466/360/325	540/430/314
Sound pressure level (Hi/Mi/Lo/Si)	dB(A)		38,5/32/25	40,5/34,5/25	38,5/32/25	40,5/34,5/25
Sound power level (Hi)	dB(A)		54,0	55,0	55,0	
Dimensions (LxWxH)	mm		805x194x285	805x194x285	805x194x285	
Dimensions with packaging (LxWxH)	mm		870x285x360	870x285x360	870x285x360	
Net/Gross Weight	kg		7,6/9,7	7,6/9,7	7,6/9,7	
OUTDOOR UNIT			MTXD018HP24X	MTXD024HP24X	MTXT030HP24X	
Power Supply	V-Ph-Hz		220-240, 1, 50	220-240, 1, 50	220-240, 1, 50	
Max. power consumption	W		2750	3050	4100	
Sound pressure level	dB(A)		56,0	54,0	58,0	
Sound power level	dB(A)		65,0	65,0	68,0	
Dimensions (LxWxH)	mm		805x330x554	805x330x554	890x342x673	
Dimensions with packaging (LxWxH)	mm		915x370x615	915x370x615	1030x438x750	
Net / Gross Weight	kg		34,7/31,6	35,0/38,0	48,0/51,8	
REFRIGERANT DATA						
Refrigerant	Type		R32	R32	R32	
	GWP		675	675	675	
	Refrigerant charge	kg	1,10	1,25	1,85	
Refrigerant Pipe	Liquid	mm	2xΦ6,35(2x1/4")	2xΦ6,35(2x1/4")	3xΦ6,35(3x1/4")	
	Gas	(inch)	2xΦ9,52(2x3/8")	2xΦ9,52(2x3/8")	3xΦ9,52(3x3/8")	
	Max refrigeration line length	m	40	40	30	
	Max altitude difference	m	15	15	20	
	Refrigerant pre-charge	m	15	15	5	
	Additional FGAS	g/m	12	12	12	
Operating temperature	Internal (cooling / heating)	°C	17-32/0-30	17-32/0-30	17-32/0-30	
	External (cooling / heating)	°C	-15-50/-15-24	-15-50/-15-24	-15-50/-15-24	

QUADRI 3x9000 + 12000 / PENTA 4x9000 + 12000 BTU/h
A++

R32
Refrigerant gas


Inverter



Remote control included



Wi-Fi optional

MODEL			MTXQ39HP24		MTXP45HP24	
COOLING	Nominal capacity (min-max)	Btu/h	36000 (7000-43200)		42000 (10300-42000)	
	Nominal capacity (min-max)	kW	10,56 (2050-12670)		12,32 (3020-12320)	
	Absorbed electrical power (min-max)	W	3270 (1140-4090)		3810 (280-4650)	
	EER		3,23		3,23	
	Pdesignnc	kW	10,6		12,3	
	SEER	W/W	6,2		6,1	
	Energy efficiency class		A++		A++	
HEATING	Nominal capacity (min-max)	Btu/h	37000 (8000-44400)		42000 (11800-42000)	
	Nominal capacity (min-max)	kW	10,85 (2340-13020)		12,32 (3460-12320)	
	Absorbed electrical power (min-max)	W	2760 (970-3450)		3300 (650-3800)	
	COP		3,93		3,73	
	Pdesignh (Average)	kW	9,0		9,5	
	SCOP (Average)	W/W	3,8		3,5	
	Energy efficiency class (Average)		A		A	
	Pdesignh (Warmer)	kW	9,8		10	
	SCOP (Warmer)	W/W	5,2		4,9	
Energy efficiency class (Warmer)		A+++		A++		
INDOOR UNIT			(3x) MTXI9HP24	MTXI12HP24	(4x) MTXI9HP24	MTXI12HP24
Power Supply	V-Ph-Hz	220-240, 1, 50		220-240, 1, 50		
Air flow (Hi/Mi/Lo)	m3/h	466/360/325	540/430/314	466/360/325	540/430/314	
Sound pressure level (Hi/Mi/Lo/Si)	dB(A)	38,5/32/25	40,5/34,5/25	38,5/32/25	40,5/34,5/25	
Sound power level (Hi)	dB(A)	55,0		55,0		
Dimensions (LxWxH)	mm	805x194x285		805x194x285		
Dimensions with packaging (LxWxH)	mm	870x285x360		870x285x360		
Net/Gross Weight	kg	7,6/9,7		7,6/9,7		
OUTDOOR UNIT			MTXQ039HP24	MTXP045HP24		
Power Supply	V-Ph-Hz	220-240, 1, 50		220-240, 1, 50		
Max. power consumption	W	4600		4700		
Sound pressure level	dB(A)	62,0		64,0		
Sound power level	dB(A)	69,0		70,0		
Dimensions (LxWxH)	mm	946x410x810		946x410x810		
Dimensions with packaging (LxWxH)	mm	1090x500x875		1090x500x875		
Net / Gross Weight	kg	68,8/75,6		73,3/80,4		
REFRIGERANT DATA						
Refrigerant	Type		R32		R32	
	GWP		675		675	
	Refrigerant charge	kg	2,10		2,90	
Refrigerant Pipe	Liquid Gas	mm (inch)	4xΦ6,35(4x1/4") / 3xΦ9,52(3x3/8") + 1xΦ12,7(1x1/2")		5xΦ6,35(5x1/4") / 4xΦ9,52(4x3/8") + 1xΦ12,7(1x1/2")	
	Max refrigeration line length	m	50		50	
	Max altitude difference	m	25		25	
	Refrigerant pre-charge	m	5		5	
	Additional FGAS	g/m	12		12	
Operating temperature	Internal (cooling / heating)	°C	17-32/0-30		17-32/0-30	
	External (cooling / heating)	°C	-15-50/-15-24		-15-50/-15-24	

COMMERCIAL LINE

CONSOLE / FLOOR & CEILING

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FLOOR STANDING

NO OUTDOOR UNIT

PORTABLE

AIR CURTAIN



Outdoor unit



Outdoor unit
for three-phase
mod. 48000 / 60000



NetHome Plus



amazon alexa

Wi-Fi function for easy management
from smartphones via **NetHome Plus** app
and vocally with **Amazon Alexa**





R32
Refrigerant
gas



Inverter



Remote control
included



Wi-Fi
optional

MODEL			MFX12HP24X	MFX17HP24X
COOLING	Nominal capacity (min-max)	Btu/h	12000 (2600-14500)	17000 (9000-19000)
	Nominal capacity (min-max)	kW	3,52 (0,76-4,25)	4,98 (2,64-5,57)
	Absorbed electrical power (min-max)	W	1000 (170-1350)	1500 (650-1950)
	EER		3,52	3,32
	Pdesignc	kW	3,5	5,0
	SEER	W/W	7,3	6,7
	Energy efficiency class		A++	A++
HEATING	Nominal capacity (min-max)	Btu/h	13000 (1550-16000)	18000 (7500-21500)
	Nominal capacity (min-max)	kW	3,81 (0,45-4,69)	5,28 (2,20-6,30)
	Absorbed electrical power (min-max)	W	980 (150-1300)	1420 (600-1900)
	COP		3,89	3,72
	Pdesignh (Average)	kW	2,6	4,0
	SCOP (Average)	W/W	4,0	4,0
	Energy efficiency class (Average)		A+	A+
	Pdesignh (Warmer)	kW	3,4	5,0
	SCOP (Warmer)	W/W	5,5	5,0
Energy efficiency class (Warmer)		A+++	A++	
INDOOR UNIT			MFX112HP24X	MFX117HP24X
Power Supply	V-Ph-Hz		220-240, 1, 50	220-240, 1, 50
Air flow (Hi/Mi/Lo)	m3/h		650/580/490	780/690/600
Sound pressure level (Hi/Mi/Lo/Si)	dB(A)		37/34/27	41/38/32
Sound power level (Hi)	dB(A)		54	55
Dimensions (LxWxH)	mm		794x206x621	794x206x621
Dimensions with packaging (LxWxH)	mm		865x280x719	865x280x719
Net/Gross Weight	kg		14,9/18,8	14,9/18,8
Drainage pipe diameter	mm		ODΦ16	ODΦ16
OUTDOOR UNIT			M-X012HP24X	M-X018HP24X
Power Supply	V-Ph-Hz		220-240, 1, 50	220-240, 1, 50
Max. power consumption	W		1850	2950
Outdoor air flow rate	m3/h		2200	2100
Sound pressure level	dB(A)		53,6	56,0
Sound power level	dB(A)		65,0	69,0
Dimensions (LxWxH)	mm		765x303x555	805x330x554
Dimensions with packaging (LxWxH)	mm		887x337x610	915x370x615
Net / Gross Weight	kg		26,6/29,0	32,5/35,2
REFRIGERANT DATA				
Refrigerant	Type		R32	R32
	GWP		675	675
	Refrigerant charge	kg	0,72	1,15
Refrigerant Pipe	Liquid	mm	Φ6,35(1/4")	Φ6,35(1/4")
	Gas	(inch)	Φ9,52(3/8")	Φ12,7(1/2")
	Max refrigeration line length	m	25,0	30,0
	Max altitude difference	m	10,0	20,0
	Refrigerant pre-charge	m	5,0	5,0
	Additional FGAS	g/m	12,0	12,0
Operating temperature	Internal (cooling / heating)	°C	16-32/0-30	16-32/0-30
	External (cooling / heating)	°C	-15-50/-15-24	-15-50/-15-24

A++



Refrigerant
gas



Inverter



Remote control
included



Wi-Fi
optional

MODEL			MFX18HP24X	MFX24HP24X	MFX36HP24X
COOLING	Nominal capacity (min-max)	Btu/h	18000 (9250-20000)	24000 (10990-26500)	36000 (9300-39000)
	Nominal capacity (min-max)	kW	5,28 (2,71-5,86)	7,03 (3,22-7,77)	10,55 (2,73-11,43)
	Absorbed electrical power (min-max)	W	1450 (670-2027)	2300 (747-2930)	3900 (900-4250)
	EER		3,64	3,06	2,71
	Pdesignc	kW	5,4	7,2	10,5
	SEER	W/W	6,2	6,1	6,2
	Energy efficiency class		A++	A++	A++
HEATING	Nominal capacity (min-max)	Btu/h	19000 (8250-21500)	26000 (9280-28285)	40000 (9500-43600)
	Nominal capacity (min-max)	kW	5,57 (2,42-6,30)	7,62 (2,72-8,29)	11,72 (2,81-12,78)
	Absorbed electrical power (min-max)	W	1500 (540-1640)	2050 (650-2850)	3350 (780-3950)
	COP		3,71	3,72	3,50
	Pdesignh (Average)	kW	4,0	5,5	8,6
	SCOP (Average)	W/W	4,0	4,0	4,0
	Energy efficiency class (Average)		A+	A+	A+
	Pdesignh (Warmer)	kW	5,1	5,8	10,0
	SCOP (Warmer)	W/W	5,1	5,1	5,1
	Energy efficiency class (Warmer)		A+++	A+++	A+++
INDOOR UNIT			MFX118HP24X	MFX124HP24X	MFX136HP24X
Power Supply	V-Ph-Hz		220-240, 1, 50	220-240, 1, 50	220-240, 1, 50
Air flow (Hi/Mi/Lo)	m ³ /h		958/839/723	1192/1023/853	1955/1728/1504
Sound pressure level (Hi/Mi/Lo/Si)	dB(A)		43,5/41/36,5/24	49/46/43/32	50/48,5/44/37
Sound power level (Hi)	dB(A)		57	55	64
Dimensions (LxWxH)	mm		1068x675x235	1068x675x235	1650x675x235
Dimensions with packaging (LxWxH)	mm		1145x755x318	1145x755x318	1725x755x318
Net/Gross Weight	kg		28/33,3	28/33,1	41,5/48
Drainage pipe diameter	mm		ODΦ25	ODΦ25	ODΦ25
OUTDOOR UNIT			M-X018HP24X	M-X024HP24X	M-X036HP24X
Power Supply	V-Ph-Hz		220-240, 1, 50	220-240, 1, 50	220-240, 1, 50
Max. power consumption	W		2950	3700	5000
Outdoor air flow rate	m ³ /h		2100	3500	4000
Sound pressure level	dB(A)		56,0	60,0	63,0
Sound power level	dB(A)		69,0	69,0	70,0
Dimensions (LxWxH)	mm		805x330554	890x342x810	946x410x810
Dimensions with packaging (LxWxH)	mm		915x370x615	995x398x740	1090x500x885
Net / Gross Weight	kg		32,5/35,2	43,9/46,9	66,9/71,5
REFRIGERANT DATA					
Refrigerant	Type		R32	R32	R32
	GWP		675	675	675
	Refrigerant charge	kg	1,15	1,50	2,40
Refrigerant Pipe	Liquid	mm	Φ6,35(1/4")	Φ9,52(3/8")	Φ9,52(3/8")
	Gas	(inch)	Φ12,7(1/2")	Φ15,9(5/8")	Φ15,9(5/8")
	Max refrigeration line length	m	30,0	50,0	75,0
	Max altitude difference	m	20,0	25,0	30,0
	Refrigerant pre-charge	m	5,0	5,0	5,0
	Additional FGAS	g/m	12,0	24,0	24,0
Operating temperature	Internal (cooling / heating)	°C	16-32/0-30	16-32/0-30	16-32/0-30
	External (cooling / heating)	°C	-15-50/-15-24	-15-50/-15-24	-15-50/-15-24



Refrigerant
gas

Inverter

Remote control
included

Wi-Fi
optional

MODEL			MFX36HP24P3	MFX48HP24P3	MFX60HP24P3
COOLING	Nominal capacity (min-max)	Btu/h	36000 (9300-40200)	48000 (12000-52000)	54000 (14000-57000)
	Nominal capacity (min-max)	kW	10,55 (2,73-11,78)	14,07 (3,52-15,24)	15,83 (4,10-16,71)
	Absorbed electrical power (min-max)	W	4000 (890-4300)	5000 (900-5950)	5650 (1100-6650)
	EER		2,63	2,81	2,80
	Pdesignc	kW	10,5	14,0	15,5
	SEER	W/W	6,4	6,1	6,1
	Energy efficiency class		A++	A++	A++
HEATING	Nominal capacity (min-max)	Btu/h	40000 (9600-43600)	55000 (14000-58000)	62000 (15000-67000)
	Nominal capacity (min-max)	kW	11,72 (2,78-12,78)	16,12 (4,10-17,00)	18,17 (4,40-19,64)
	Absorbed electrical power (min-max)	W	3350 (800-3950)	5100 (1000-6050)	6050 (1050-7100)
	COP		3,50	3,16	3,00
	Pdesignh (Average)	kW	8,6	11,2	11,9
	SCOP (Average)	W/W	4,1	4,0	4,0
	Energy efficiency class (Average)		A+	A+	A+
	Pdesignh (Warmer)	kW	10,2	11,7	12,6
	SCOP (Warmer)	W/W	5,1	5,1	5,1
	Energy efficiency class (Warmer)		A+++	A+++	A+++
INDOOR UNIT			MFXI36HP24	MFXI48HP24X	MFXI60HP24X
Power Supply	V-Ph-Hz		220-240, 1, 50	220-240, 1, 50	220-240, 1, 50
Air flow (Hi/Mi/Lo)	m3/h		1955/1728/1504	2100/1850/1600	2200/1950/1650
Sound pressure level (Hi/Mi/Lo/Si)	dB(A)		51/47,5/44,5/39	53/50/45/36	54/50,5/46,5/38
Sound power level (Hi)	dB(A)		64	67	67
Dimensions (LxWxH)	mm		1650x675x235	1650x675x235	1650x675x235
Dimensions with packaging (LxWxH)	mm		1725x755x318	1725x755x318	1725x755x318
Net/Gross Weight	kg		41,5/48	41,7/48,5	42,3/49,2
Drainage pipe diameter	mm		ODΦ25	ODΦ25	ODΦ25
OUTDOOR UNIT			M-X036HP24P3X	M-X048HP24P3X	M-X060HP24P3X
Power Supply	V-Ph-Hz		380-415, 3, 50	380-415, 3, 50,	380-415, 3, 50,
Max. power consumption	W		5000	6900	7500
Outdoor air flow rate	m3/h		4000	7500	7500
Sound pressure level	dB(A)		63,0	63,5	64,0
Sound power level	dB(A)		70,0	74,0	75,0
Dimensions (LxWxH)	mm		946x410x810	952x415x1333	952x415x1333
Dimensions with packaging (LxWxH)	mm		1090x500x885	1095x495x1480	1095x495x1480
Net / Gross Weight	kg		80,5/85,0	130,7/118,3	107,0/121,2
REFRIGERANT DATA					
Refrigerant	Type		R32	R32	R32
	GWP		675	675	675
	Refrigerant charge	kg	2,40	2,90	3,00
Refrigerant Pipe	Liquid	mm	Φ9,52(3/8")	Φ9,52(3/8")	Φ9,52(3/8")
	Gas	(inch)	Φ15,9(5/8")	Φ15,9(5/8")	Φ15,9(5/8")
	Max refrigeration line length	m	75,0	75,0	75,0
	Max altitude difference	m	30,0	30,0	30,0
	Refrigerant pre-charge	m	5,0	5,0	5,0
	Additional FGAS	g/m	24,0	24,0	24,0
Operating temperature	Internal (cooling / heating)	°C	16-32/0-30	16-32/0-30	16-32/0-30
	External (cooling / heating)	°C	-15-50/-15-24	-15-50/-15-24	-15-50/-15-24

12000 / 18000 / 24000 / 36000 BTU/h



12000 / 18000



24000 / 36000

A++



Refrigerant gas



Inverter



Remote control included



Wi-Fi optional

MODEL			MXX12HP24X	MXX18HP24X	MXX24HP24X	MXX36HP24X
COOLING	Nominal capacity (min-max)	Btu/h	12000 (2897-14020)	18000 (9900-19064)	24000 (11263-27000)	36000 (9200-39000)
	Nominal capacity (min-max)	kW	3,52 (0,85-4,11)	5,28 (2,90-5,59)	7,03 (3,30-7,91)	10,55 (2,70-11,43)
	Absorbed electrical power (min-max)	W	1010 (168-1434)	1633 (720-2088)	2320 (780-2748)	3950 (900-4200)
	EER		3,49	3,23	3,03	2,67
	Pdesignc	kW	3,5	5,3	7,0	10,5
	SEER	W/W	6,6	6,3	6,2	6,7
	Energy efficiency class		A++	A++	A++	A++
HEATING	Nominal capacity (min-max)	Btu/h	13000 (1604-14705)	19000 (8100-20800)	26000 (9577-30500)	38000 (9500-42000)
	Nominal capacity (min-max)	kW	3,81 (0,47-4,31)	5,57 (2,37-6,10)	7,62 (2,81-8,94)	11,14 (2,78-12,30)
	Absorbed electrical power (min-max)	W	1019 (124-1376)	1540 (700-1930)	1900 (610-2700)	3000 (800-3950)
	COP		3,74	3,62	4,01	3,71
	Pdesignh (Average)	kW	2,7	4,2	6,0	8,5
	SCOP (Average)	W/W	4,1	4,0	4,0	4,0
	Energy efficiency class (Average)		A+	A+	A+	A+
	Pdesignh (Warmer)	kW	3,3	5,4	6,3	10,1
	SCOP (Warmer)	W/W	5,1	4,8	5,1	5,1
Energy efficiency class (Warmer)		A+++	A++	A+++	A+++	
INDOOR UNIT			MXXI12HP24X	MXXI18HP24X	MXXI24HP24X	MXXI36HP24X
Power Supply	V-Ph-Hz		220-240, 1, 50	220-240, 1, 50	220-240, 1, 50	220-240, 1, 50
Air flow (Hi/Mi/Lo)	m ³ /h		620/510/420	720/620/500	1300/1140/1000	1700/1550/1380
Sound pressure level (Hi/Mi/Lo/Si)	dB(A)		41/36/33/25,5	43/39,5/35,5/29	45,5/42,5/39,5/27	50/47,5/44,5/39
Sound power level (Hi)	dB(A)		56	57	57	63
Dimensions (LxWxH) (body)	mm		570x570x260	570x570x260	830x830x205	830x830x205
Dimensions with packaging (LxWxH) (body)	mm		662x662x317	662x662x317	910x910x250	910x910x290
Dimensions (LxWxH) (panel)	mm		647x647x50	647x647x50	950x950x55	950x950x55
Dimensions with packaging (LxWxH) (panel)	mm		715x715x123	715x715x123	1035x1035x90	1035x1035x90
Net/Gross Weight (body)	kg		16,3/20,4	16/20,6	21,6/25,4	27,2/31,2
Net/Gross Weight (panel)	kg		2,5/4,5	2,5/4,5	6/9	6/9
Drainage pipe diameter	mm		ODØ25	ODØ25	ODØ25	ODØ25
OUTDOOR UNIT			M-XO12HP24X	M-XO18HP24X	M-XO24HP24X	M-XO36HP24X
Power Supply	V-Ph-Hz		220-240, 1, 50	220-240, 1, 50	220-240, 1, 50	220-240, 1, 50
Max. power consumption	W		1850	2950	3700	5000
Outdoor air flow rate	m ³ /h		2200	2100	3500	4000
Sound pressure level	dB(A)		53,6	56,0	60,0	63,0
Sound power level	dB(A)		65,0	69,0	69,0	70,0
Dimensions (LxWxH)	mm		765x303x555	805x330x554	890x342x810	946x410x810
Dimensions with packaging (LxWxH)	mm		887x337x610	915x370x615	995x398x740	1090x500x885
Net / Gross Weight	kg		26,6/29,0	32,5/35,2	43,9/46,9	66,9/71,5
REFRIGERANT DATA						
Refrigerant	Type		R32	R32	R32	R32
	GWP		675	675	675	675
	Refrigerant charge	kg	0,72	1,15	1,50	2,40
Refrigerant Pipe	Liquid Gas	mm (inch)	Ø6,35(1/4") Ø9,52(3/8")	Ø6,35(1/4") Ø12,7(1/2")	Ø9,52(3/8") Ø15,9(5/8")	Ø9,52(3/8") Ø15,9(5/8")
	Max refrigeration line length	m	25,0	30,0	50,0	75,0
	Max altitude difference	m	10,0	20,0	25,0	30,0
	Refrigerant pre-charge	m	5,0	5,0	5,0	5,0
	Additional FGAS	g/m	12,0	12,0	24,0	24,0
Operating temperature	Internal (cooling / heating)	°C	16-32/0-30	16-32/0-30	16-32/0-30	16-32/0-30
	External (cooling / heating)	°C	-15-50/-15-24	-15-50/-15-24	-15-50/-15-24	-15-50/-15-24



A++



Refrigerant
gas



Inverter



Remote control
included



Wi-Fi
optional

MODEL			MXX36HP24P3X	MXX48HP24P3X	MXX60HP24P3X
COOLING	Nominal capacity (min-max)	Btu/h	36000 (9200-39000)	48000(12000-54000)	52000 (14000-57000)
	Nominal capacity (min-max)	kW	10,55 (2,70-11,43)	14,07 (3,52-15,83)	15,24 (4,10-16,71)
	Absorbed electrical power (min-max)	W	4000 (890-4150)	4650 (800-5900)	5000 (980-6200)
	EER		2,64	3,03	3,05
	Pdesignc	kW	10,5	14	15,3
	SEER	W/W	6,1	6,1	6,3
	Energy efficiency class		A++	A++	A++
HEATING	Nominal capacity (min-max)	Btu/h	38000 (9500-43200)	55000 (14000-59000)	62000 (15000-68000)
	Nominal capacity (min-max)	kW	11,14 (2,78-12,66)	16,12 (4,10-17,29)	18,17 (4,40-19,93)
	Absorbed electrical power (min-max)	W	3000 (780-4000)	4580 (900-5500)	5550 (1020-6700)
	COP		3,71	3,52	3,27
	Pdesignh (Average)	kW	8,2	11	11,9
	SCOP (Average)	W/W	4,0	4,0	4,0
	Energy efficiency class (Average)		A+	A+	A+
	Pdesignh (Warmer)	kW	10,1	12	12,5
	SCOP (Warmer)	W/W	5,1	5	5,1
	Energy efficiency class (Warmer)		A+++	A++	A+++
INDOOR UNIT			MXXI36HP24X	MXXI48HP24X	MXXI60HP24X
Power Supply	V-Ph-Hz		220-240, 1, 50	220-240, 1, 50	220-240, 1, 50
Air flow (Hi/Mi/Lo)	m3/h		1700/1550/1380	1970/1780/1580	2000/1850/1650
Sound pressure level (Hi/Mi/Lo/Si)	dB(A)		50/47,5/44,5/39	51/48,5/46,5/37,5	53/50,5/48/40
Sound power level (Hi)	dB(A)		63	65	65
Dimensions (LxWxH) (body)	mm		830x830x205	830x830x287	830x830x287
Dimensions with packaging (LxWxH) (body)	mm		910x910x290	910x910x330	910x910x330
Dimensions (LxWxH) (panel)	mm		950x950x55	950x950x55	950x950x55
Dimensions with packaging (LxWxH) (panel)	mm		1035x1035x90	1035x1035x90	1035x1035x90
Net/Gross Weight (body)	kg		27,2/31,2	29,3/33,5	29,3/33,5
Net/Gross Weight (panel)	kg		6/9	6/9	6/9
Drainage pipe diameter	mm		ODΦ25	ODΦ25	ODΦ25
OUTDOOR UNIT			M-X036HP24P3X	M-X048HP24P3X	M-X060HP24P3X
Power Supply	V-Ph-Hz		380-415, 3, 50,	380-415, 3, 50,	380-415, 3, 50,
Max. power consumption	W		5000	6900	7500
Outdoor air flow rate	m3/h		4000	7500	7500
Sound pressure level	dB(A)		63,0	63,5	64,0
Sound power level	dB(A)		70,0	74,0	75,0
Dimensions (LxWxH)	mm		946x410x810	952x415x1333	952x415x1333
Dimensions with packaging (LxWxH)	mm		1090x500x885	1095x495x1480	1095x495x1480
Net / Gross Weight	kg		80,5/85,0	130,7/118,3	107,0/121,2
REFRIGERANT DATA					
Refrigerant	Type		R32	R32	R32
	GWP		675	675	675
	Refrigerant charge	kg	2,40	2,90	3,00
Refrigerant Pipe	Liquid	mm	Φ9,52(3/8")	Φ9,52(3/8")	Φ9,52(3/8")
	Gas	(inch)	Φ15,9(5/8")	Φ15,9(5/8")	Φ15,9(5/8")
	Max refrigeration line length	m	75,0	75,0	75,0
	Max altitude difference	m	30,0	30,0	30,0
	Refrigerant pre-charge	m	5,0	5,0	5,0
Operating temperature	Additional FGAS	g/m	24,0	24,0	24,0
	Internal (cooling / heating)	°C	16-32/0-30	16-32/0-30	16-32/0-30
	External (cooling / heating)	°C	-15-50/-15-24	-15-50/-15-24	-15-50/-15-24



Refrigerant
gas



Inverter



Remote control
included



Wi-Fi
optional

MODEL			MNX12HP24X	MNX18HP24X	MNX24HP24X	MNX36HP24X
COOLING	Nominal capacity (min-max)	Btu/h	12000 (1800-13607)	18000 (8700-20000)	24000 (11180-27830)	36000 (9400-38000)
	Nominal capacity (min-max)	kW	3,52 (0,53-3,99)	5,28 (2,55-5,86)	7,03 (3,28-8,16)	10,55 (2,75-11,14)
	Absorbed electrical power (min-max)	W	1053 (155-1373)	1530 (710-2150)	2190 (750-2960)	3950 (900-4150)
	EER		3,34	3,45	3,21	2,67
	Pdesignc	kW	3,5	5,4	7,1	10,5
	SEER	W/W	6,1	6,5	6,2	6,2
	Energy efficiency class		A++	A++	A++	A++
HEATING	Nominal capacity (min-max)	Btu/h	13000 (3400-14975)	19000 (7500-21000)	26000 (9580-28954)	40000 (9500-43600)
	Nominal capacity (min-max)	kW	3,81 (1,00-4,39)	5,57 (2,20-6,15)	7,62 (2,81-8,49)	11,72 (2,78-12,78)
	Absorbed electrical power (min-max)	W	1028 (302-1390)	1500 (740-1760)	1900 (640-2580)	3250 (800-3950)
	COP		3,71	3,71	4,01	3,61
	Pdesignh (Average)	kW	2,7	4,3	5,4	8,4
	SCOP (Average)	W/W	4,0	4,0	4,0	4,0
	Energy efficiency class (Average)		A+	A+	A+	A+
	Pdesignh (Warmer)	kW	3,4	5,2	6,0	9,8
	SCOP (Warmer)	W/W	5,1	5,1	5,1	5,1
Energy efficiency class (Warmer)		A+++	A+++	A+++	A+++	
INDOOR UNIT			MNXI12HP24X	MNXI18HP24X	MNXI24HP24X	MNXI36HP24X
Power Supply	V-Ph-Hz		220-240, 1, 50	220-240, 1, 50	220-240, 1, 50	220-240, 1, 50
Air flow (Hi/Mi/Lo)	m3/h		600/480/300	911/706.3/515.2	1229/1035/825.1	2100/1800/1500
External static pressure	Nominal	Pa	25	25	25	37
	Range	Pa	0-60	0-100	0-160	0-160
Sound pressure level (Hi/Mi/Lo/Si)	dB(A)		34,5/30,5/29/23	41/38/34/26	42/40/37/27	49,5/48/46/42
Sound power level (Hi)	dB(A)		57	58	61	61
Dimensions (LxWxH)	mm		700x506x200	880x674x210	1100x774x249	1360x774x249
Dimensions with packaging (LxWxH)	mm		860x540x285	1070x725x280	1305x805x315	1570x805x330
Net/Gross Weight	kg		17,8/21,5	24,4/29,6	32,3/39,1	40,5/48,2
Drainage pipe diameter	mm		ODØ25	ODØ25	ODØ25	ODØ25
OUTDOOR UNIT			M-XO12HP24X	M-XO18HP24X	M-XO24HP24X	M-XO36HP24X
Power Supply	V-Ph-Hz		220-240, 1, 50	220-240, 1, 50	220-240, 1, 50	220-240, 1, 50
Max. power consumption	W		1850	2950	3700	5000
Outdoor air flow rate	m3/h		2200	2100	3500	4000
Sound pressure level	dB(A)		53,6	56,0	60,0	63,0
Sound power level	dB(A)		65,0	69,0	69,0	70,0
Dimensions (LxWxH)	mm		765x303x555	805x330x554	890x342x810	946x410x810
Dimensions with packaging (LxWxH)	mm		887x337x610	915x370x615	995x398x740	1090x500x885
Net / Gross Weight	kg		26,6/29,0	32,5/35,2	43,9/46,9	66,9/71,5
REFRIGERANT DATA						
Refrigerant	Type		R32	R32	R32	R32
	GWP		675	675	675	675
	Refrigerant charge	kg	0,72	1,15	1,50	2,40
Refrigerant Pipe	Liquid Gas	mm (inch)	Ø6,35(1/4") Ø9,52(3/8")	Ø6,35(1/4") Ø12,7(1/2")	Ø9,52(3/8") Ø15,9(5/8")	Ø9,52(3/8") Ø15,9(5/8")
	Max refrigeration line length	m	25,0	30,0	50,0	75,0
	Max altitude difference	m	10,0	20,0	25,0	30,0
	Refrigerant pre-charge	m	5,0	5,0	5,0	5,0
	Additional FGAS	g/m	12,0	12,0	24,0	24,0
Operating temperature	Internal (cooling / heating)	°C	16-32/0-30	16-32/0-30	16-32/0-30	16-32/0-30
	External (cooling / heating)	°C	-15-50/-15-24	-15-50/-15-24	-15-50/-15-24	-15-50/-15-24



Refrigerant
gas

Inverter

Remote control
included

Wi-Fi
optional

MODEL			MNX36HP24P3X	MNX48HP24P3X	MNX60HP24P3X
COOLING	Nominal capacity (min-max)	Btu/h	36000 (9300-40200)	48000 (12000-53000)	52000 (14000-59000)
	Nominal capacity (min-max)	kW	10,55 (2,73-11,78)	14,07 (3,52-15,53)	15,24 (4,10-17,29)
	Absorbed electrical power (min-max)	W	4000 (890-4200)	4800 (880-6000)	5250 (1030-6650)
	EER		2,64	2,93	2,90
	Pdesignc	kW	10,6	14,0	15,3
	SEER	W/W	6,1	6,1	6,1
	Energy efficiency class		A++	A++	A++
HEATING	Nominal capacity (min-max)	Btu/h	40000 (9500-43800)	55000 (14000-62000)	62000 (15000-70000)
	Nominal capacity (min-max)	kW	11,72 (2,78-12,84)	16,12 (4,10-18,17)	18,17 (4,40-20,52)
	Absorbed electrical power (min-max)	W	3250 (780-4000)	4500 (950-5700)	5150 (950-6600)
	COP		3,61	3,59	3,53
	Pdesignh (Average)	kW	8,8	11,5	12,5
	SCOP (Average)	W/W	4,0	4,0	4,0
	Energy efficiency class (Average)		A+	A+	A+
	Pdesignh (Warmer)	kW	10,0	11,5	12,8
	SCOP (Warmer)	W/W	5,1	5,0	5,1
	Energy efficiency class (Warmer)		A+++	A++	A+++
INDOOR UNIT			MNXI36HP24X	MNXI48HP24X	MNXI60HP24X
Power Supply		V-Ph-Hz	220-240, 1, 50	220-240, 1, 50	220-240, 1, 50
Air flow (Hi/Mi/Lo)		m3/h	2100/1800/1500	2400/2040/1680	2600/2210/1820
External static pressure	Nominal	Pa	37	50	50
	Range	Pa	0-160	0-160	0-160
Sound pressure level (Hi/Mi/Lo/Si)		dB(A)	49.5/48/46/42.5	50/49/47/42	52.5/49/47
Sound power level (Hi)		dB(A)	61	66	66
Dimensions (LxWxH)		mm	1360x774x249	1200x874x300	1200x874x300
Dimensions with packaging (LxWxH)		mm	1570x805x330	1405x915x365	1405x915x365
Net/Gross Weight		kg	40,5/48,2	47,6/55,8	47,4/56,1
Drainage pipe diameter		mm	ODØ25	ODØ25	ODØ25
OUTDOOR UNIT			M-X036HP24P3X	M-X048HP24P3X	M-X060HP24P3X
Power Supply		V-Ph-Hz	380-415, 3, 50,	380-415, 3, 50,	380-415, 3, 50,
Max. power consumption		W	5000	6900	7500
Outdoor air flow rate		m3/h	4000	7500	7500
Sound pressure level		dB(A)	63,0	63,5	64,0
Sound power level		dB(A)	70,0	74,0	75,0
Dimensions (LxWxH)		mm	946x410x810	952x415x1333	952x415x1333
Dimensions with packaging (LxWxH)		mm	1090x500x885	1095x495x1480	1095x495x1480
Net / Gross Weight		kg	80,5/85,0	130,7/118,3	107,0/121.2
REFRIGERANT DATA					
Refrigerant	Type		R32	R32	R32
	GWP		675	675	675
	Refrigerant charge	kg	2,40	2,90	3,00
Refrigerant Pipe	Liquid	mm	Ø9,52(3/8")	Ø9,52(3/8")	Ø9,52(3/8")
	Gas	(inch)	Ø15,9(5/8")	Ø15,9(5/8")	Ø15,9(5/8")
	Max refrigeration line length	m	75,0	75,0	75,0
	Max altitude difference	m	30,0	30,0	30,0
	Refrigerant pre-charge	m	5,0	5,0	5,0
Operating temperature	Additional FGAS	g/m	24,0	24,0	24,0
	Internal (cooling / heating)	°C	16-32/0-30	16-32/0-30	16-32/0-30
	External (cooling / heating)	°C	-15-50/-15-24	-15-50/-15-24	-15-50/-15-24

55000 BTU/h

A++



Refrigerant
gas



Inverter



Remote control
included



Wi-Fi
optional

MODEL		MUX55HP24X	
COOLING	Nominal capacity (min-max)	Btu/h	48000 (16917-52749)
	Nominal capacity (min-max)	kW	14,07 [4,96-15,47]
	Absorbed electrical power (min-max)	W	4950 [1158-5909]
	EER		2,84
	Pdesignc	kW	14,6
	SEER	W/W	6,1
	Energy efficiency class		A++
HEATING	Nominal capacity (min-max)	Btu/h	55000 (15000-63081)
	Nominal capacity (min-max)	kW	16,12 [4,40-18,50]
	Absorbed electrical power (min-max)	W	5200 [1022-6200]
	COP		3,10
	Pdesignh (Average)	kW	11,0
	SCOP (Average)	W/W	4,0
	Energy efficiency class (Average)		A+
	Pdesignh (Warmer)	kW	11,8
	SCOP (Warmer)	W/W	5,1
	Energy efficiency class (Warmer)		A+++
INDOOR UNIT		MUXI55HP24X	
Power Supply	V-Ph-Hz	220-240,1,50	
Air flow (Hi/Mi/Lo)	m3/h	2413/2222/2027	
Sound pressure level (Hi/Mi/Lo/Si)	dB(A)	53/49/47	
Sound power level (Hi)	dB(A)	67	
Dimensions (LxWxH)	mm	629x456x1935	
Dimensions with packaging (LxWxH)	mm	2055x750x575	
Net/Gross Weight	kg	59/77	
Drainage pipe diameter	mm	ØDØ25	
OUTDOOR UNIT		M-XØ48HP24P3X	
Power Supply	V-Ph-Hz	380-415, 3, 50	
Max. power consumption	W	6900	
Outdoor air flow rate	m3/h	7500	
Sound pressure level	dB(A)	63,5	
Sound power level	dB(A)	74,0	
Dimensions (LxWxH)	mm	952x415x1333	
Dimensions with packaging (LxWxH)	mm	1095x495x1480	
Net / Gross Weight	kg	130,7/118,3	
REFRIGERANT DATA			
Refrigerant	Type	R32	
	GWP	675	
	Refrigerant charge	kg	2,90
Refrigerant Pipe	Liquid Gas	mm (inch)	Ø9,52[3/8"] / Ø15,9[5/8"]
	Max refrigeration line length	m	75,0
	Max altitude difference	m	30,0
	Refrigerant pre-charge	m	5,0
	Additional FGAS	g/m	24,0
Operating temperature	Internal (cooling / heating)	°C	16~32/0~30
	External (cooling / heating)	°C	-15~50/-15~24



A

R32

Refrigerant
gas



Remote control
included

MODEL			NODS12HP
COOLING	Nominal capacity	Btu/h	11400
	Nominal capacity	kW	3350
	Absorbed electrical power	W	1287
	EER	W/W	2,61
	Energy efficiency class		A
HEATING	Nominal capacity	Btu/h	12800
	Nominal capacity	kW	3760
	Absorbed electrical power	W	1214
	COP	W/W	3,10
	Energy efficiency class		A
Moisture removal		L/h	1,16
Power Supply		Ph-V-Hz	220-240, 1, 50
Air flow		m ³ /h	480
Sound power level (Hi)		dB(A)	50,0
Electric heater		W	500
Heating capacity		kW	\
Dimensions (LxWxH)		mm	1000x245x580
Dimensions with packaging (LxWxH)		mm	1235x342x660
Net/Gross Weight		Kg	45/50
Wall hole diameter		mm	162,0
REFRIGERANT DATA			
Refrigerant	Type		R32
	GWP		675
	Refrigerant charge	kg	0,51
Operating temperature (cooling/heating)		°C	18-30
External operating temperature		°C	-15-50



Refrigerant gas



Remote control included

MODEL			SUE13HL	SUE24HL
COOLING	Capacity	Frig/h	3313	5590
	Capacity	W	3582	6500
	Capacity	BTU/h	13135	22165
	Electric power absorbed	W	1068	1800
	Energy efficiency class		A	A
	Max power absorbed	W	1207	2034
	Current calculated	A	5,2	8,7
	EER		3,61	3,61
HEATING	Capacity	kCal/h	3616	5977
	Capacity	W	4205	6950
	Capacity	BTU/h	14399	23700
	Electric power absorbed	W	1048	1875
	Energy efficiency class		A	B
	Max power absorbed	W	1184	2119
	Current calculated	A	5,1	9,1
	COP		4,01	3,71
Power Supply	V-Hz	230-50	230-50	
Dehumidification capacity	L/h	1,35	2,7	
Annual energy consumption	kWh	534	900	
Water consumption	l/h	175	350	
Number of phases		1	1	
Indoor unit max sound level	dB(A)	40	39 - 48	
Outdoor unit max sound level	dB(A)	52	55	
Air flow	m ³ /h	500	820	
Indoor Unit Dimensions (LxWxH)	mm	900x290x180	1020x310x228	
Outdoor Unit Dimensions (LxWxH)	mm	480x520x290	480x520x290	
Indoor unit weight	Kg	8,5	15	
Outdoor unit weight	Kg	31	41	
Type of refrigerant		R410A	R410A	
Refrigerant charge	Kg	0,7	1,85	

7000 / 9000 / 10000 / 12000 BTU/h

12000 BTU/h Reversible



7000 / 9000



10000 / 12000

7000 / 9000 / 12000 / 12000 Reversible



10000



Refrigerant gas



Remote control included

MODEL			MPH7CQ24	MPH9CQ24	MPD10CQ24	MPD12CQ24	MPD12HQ24
COOLING	Capacity	W	2000	2600	2900	3500	3500
	Capacity	Btu/h	7000	9000	10000	12000	12000
	Electric power absorbed	W	755	1000	945	1350	1350
	Energy efficiency class		A	A	A+	A	A
	Current calculated	A	3,3	4,35	4,5	5,9	5,9
	EER	W/W	2,7	2,6	3,1	2,6	2,6
HEATING	Capacity	W	-	-	-	-	2900
	Capacity	Btu/h	-	-	-	-	10000
	Electric power absorbed	W	-	-	-	-	1045
	Energy efficiency class		-	-	-	-	A+
	Current calculated	A	-	-	-	-	5,0
	COP	W/W					2,8
Power Supply	V-Ph-Hz	230 - 1 - 50	230 - 1 - 50	230 - 1 - 50	230 - 1 - 50	230 - 1 - 50	
Dehumidification capacity	L/h	1,79	2,12	3,01	3,52	3,25	
Max power input	W	960	1280	1150	1600	1600	
Max current	A	13	20	20	25	25	
Sound pressure level (Hi/Mi/Lo)	dB(A)	52,5/47	51,9/46,9	51,7/50,4/50	52/51/50,5	54,5/54,3/54,0	
Sound power level	dB(A)	63	63	62	63	64	
Air flow (Hi/Mi/Lo)	m³/h	319/213	295/195	420/370/355	420/370/355	420/370/355	
Dimensions (LxWxH)	mm	355x345x703	355x345x703	467x397x765	467x397x765	467x397x765	
Dimensions with packaging (LxWxH)	mm	400x390x880	400x390x880	515x440x890	515x440x890	515x440x890	
Net/Gross Weight	kg	22,5/25,5	25,3/28,1	31,8/35,7	33,0/36,5	34,4/37,8	
Type of refrigerant - GWP		R290 - 3	R290 - 3	R290 - 3	R290 - 3	R290 - 3	
Refrigerant charge	kg	0,13	0,17	0,20	0,22	0,23	
Operating temperature	°C	17 - 35	17 - 35	17 - 35	17 - 35	17 - 35	
Operating pressure	MPa	2,6/1,0	2,6/1,0	2,6/1,0	2,6/1,0	2,6/1,0	
Type of compressor		ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	



Remote control
included

MODEL		MC90CFT
Nominal air flow (H-L)	m3/h	950/750
Air speed (H-L)	m/s	14,5 / 11,5
Power	W	200/170
Fan		Centrifugal
Power Supply	V-Hz-Ph	230 - 50/1+N
Max noise level (H-L)	dB(A)	51 / 48
Dimensions (LxPxH)	mm	900x198x215
Weight	kg	12,0
MODEL		MC120CFT
Nominal air flow (H-L)	m3/h	1350/1050
Air speed (H-L)	m/s	14,5 / 11,5
Power	W	260/230
Fan		Centrifugal
Power Supply	V-Hz-Ph	230 - 50/1+N
Max noise level (H-L)	dB(A)	52 / 49
Dimensions (LxPxH)	mm	1200x198x215
Weight	kg	14,5
MODEL		MC150CFT
Nominal air flow (H-L)	m3/h	1700/1350
Air speed (H-L)	m/s	14,5 / 11,5
Power	W	330/300
Fan		Centrifugal
Power Supply	V-Hz-Ph	230 - 50/1+N
Max noise level (H-L)	dB(A)	54 / 52
Dimensions (LxPxH)	mm	1500x198x215
Weight	kg	18,0
MODEL		MC180CFT
Nominal air flow (H-L)	m3/h	2050/1600
Air speed (H-L)	m/s	14,5 / 11,5
Power	W	390/360
Fan		Centrifugal
Power Supply	V-Hz-Ph	230 - 50/1+N
Max noise level (H-L)	dB(A)	56 / 53
Dimensions (LxPxH)	mm	1800x198x215
Weight	kg	21,5
MODEL		MC200CFT
Nominal air flow (H-L)	m3/h	2250/1750
Air speed (H-L)	m/s	14,5 / 11,5
Power	W	400/370
Fan		Centrifugal
Power Supply	V-Hz-Ph	230 - 50/1+N
Max noise level (H-L)	dB(A)	57/55
Dimensions (LxPxH)	mm	2000x198x215
Weight	kg	24,0



MITSUMI[®]





Bintein groothandel Benelux
Vredenhofstraat 6
8650 merkem , België

AMG S.p.A.
Via Delle Arti e dei Mestieri, 1/3
36030 S. Vito di Leguzzano (VI) Italia
Tel. +39 0445 519933
Fax +39 0445 519037
P.I. e C.F. 02488430246
www.amg-spa.com
info@amg-spa.com

www.mitsuiairconditioner.com