MAXA®
HEATING & COOLING

2024
Ver 24.04

Residential & Commercial
Catalogue

DEP02660120001		Residential, Commercial Range Catalogue
Rev.	Date	Changes
0	01/03/2024	First issue
1	08/04/2024	Updated TotalOne combinations Phase out CRB Updated LYS R3 data
3	29/05/2024	Phase out Grimper accessories: RAD18, RAD34
4	24/07/2024	Added combinations data EXT3M53R

Indice

Residential Range

Monosplit

Monoblock

Multisplit

Mono Commercial

Technology and Innovation for over 30 years

We design, manufacture and market heat pumps and air conditioning systems that will change the world. Maxa was born with this declaration of intent, a clear mission that still guides the spirit of the entire company today, more than 30 years after its foundation.

In 1992, Luciano Tredicesimo Ferroli, who had already led several successful entrepreneurial projects, founded what is now the largest heat pump production company on the Italian market.

Today led by his three sons: Paolo, David, Simone and his wife Elide, Maxa continues along the path indicated by its Founder. Environmental comfort, climate and the reduction of CO2 levels in the atmosphere are the result of the commitment that Maxa's 280 people spend every day to design and produce increasingly innovative and high-performance systems.

The Research and Development Team, from which our products are born, is made up of engineers, designers and laboratory researchers; a cohesive team of over 30 people whose mission is to develop and test new technological solutions, anticipating the increasing demands of the market.

Our range has solutions designed for residential, commercial, industrial and tertiary air conditioning. Thanks to continuous research and development of integrated products and solutions, we have one of the most comprehensive and competitive ranges in Europe. Our heat pumps currently range in sizes from 6 to 350 kW.

In 2023, we launch the new Maxa i-290 Range, which exploits the potential of the hydrocarbon R290, with very low global warming potential (GWP) and absolute top performance. One of the most complete ranges on the entire market, capable of achieving very high performance in heating, even at temperatures as low as -20°C.

The birth of our Made in Italy

Our story begins in 1957, the year in which our President, Luciano Tredicesimo Ferroli, founded his first company in the world of heating, designing and building boilers that were already innovative at the time. He was responsible for the development of the first high-efficiency condensing boiler and several patents worldwide.

In 1973 he took his first steps towards the construction of air-conditioning machines for server rooms for mechanics and telephone centres, moving into the residential air-conditioning sector in 1996, in its early days at the time.

From that date to the present day, Maxa has grown to become a leading Italian and international company, not only for its product ranges dedicated to residential and commercial air-conditioning, but also for its Made in Italy production of highly efficient inverter heat pumps.

The company headquarters is located in Arcole, in the province of Verona, and houses, in addition to the offices, the warehouse for storing finished products and spare parts, as well as 7,800 m^2 for production.

With 15 production lines, Maxa can satisfy every production demand for inverter heat pumps for both residential and industrial applications, as well as the wide range of water chillers up to 1,000 kW.

The latest generation climatic chamber with a maximum test power of up to 100 kW enables functional testing at full and partial loads according to EN14511 and EN14825, even at night and without an operator. A second chamber divided into 2 separately operable units, with a maximum test power of up to 800 kW, extends the testing capabilities of our products.

The company has also adopted the LEAN methodology in the production process with a consequent improvement in the component transport system through Milk-run and Kanban management for optimised component consumption management.

We can proudly claim to be a company capable of designing, developing and manufacturing heating and air-conditioning products Made in Italy.

Made in **Italy**

Global Sustainability

Environmental protection, full sustainability and a focus on climate well-being and, more generally, on improving the quality of life are the values on which our way of acting and working is based. We want to take an active part in protecting the environment and the Earth, and we do this by translating our ideals into concrete actions.

This is why we continuously develop products that aim at energy saving, maximum efficiency, using environmentally friendly gases that reduce global warming as much as possible, and promote a careful recycling policy for components.

Use of sustainable energy for production
We introduced our ecological philosophy into the company as early as 2011 with the construction of an initial photovoltaic system, which was later expanded by utilising the space available at the car park shelters and on the roofs of our buildings. In this way, our energy needs are met with almost 350 kW of photovoltaic power.

Product Innovation
From 2019, we anticipated the use of the refrigerant gas R32 in our heat pumps and air conditioners, a gas that later became a MUST for all other operators in the sector.

Subsequently, we introduced the natural refrigerant gas R290, which guarantees high energy performance (hot water up to 75°C) combined with maximum respect for the environment (ODP=0; GWP=3). And we will not stop there.

The continuous search for new technological solutions, combined with investments in the development of heat pump heating systems for homes and large areas, are part of the company's mission, which is completely oriented to maximise energy efficiency.

Component recycling
Complying with the RoHS 2002/95/EC directive, which requires the prohibition and restriction of components using lead, mercury, cadmium and chromium.

Membership of the RIDOMUS air conditioning recycling consortium guarantees a careful recycling policy for household air conditioning components.

Maxa in Italy and the World

In 2005 Maxa expanded its activities outside its national borders, gaining immediate success thanks to the performance of its machines, capable of serving extremely hot and cold climates.

Today our product range is appreciated in over 40 countries, wherever there is a need for quality air conditioning, from residential to hotels, from hospitals to sports centres, from industries to shopping centres.

With Subsidiaries and Partnerships of excellence in the rest of the world, Maxa punctually serves its Customers providing full technical and commercial support.

We are present in Italy with over 50 Agents and 300 Service Centres. To always and in any case put the customer at the centre.

Residential Range

Turns to water the air-to-air systems and saves space of external unit

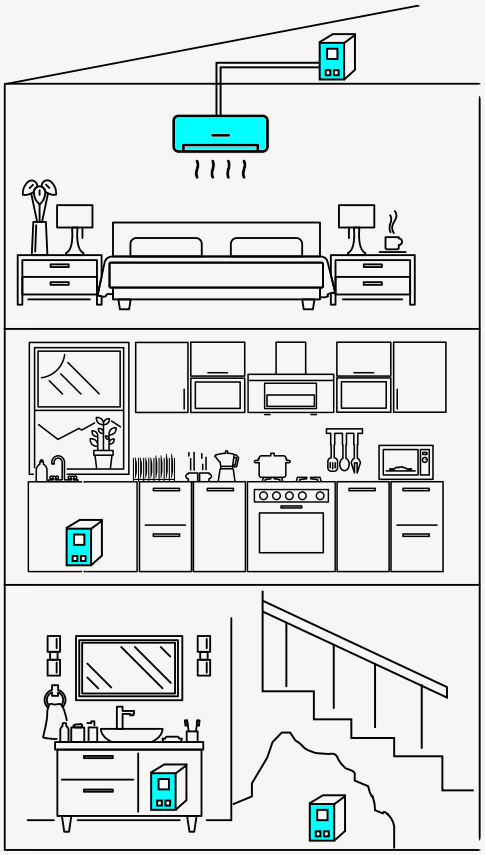
A water-cooled unit can be installed in small spaces in the building as long as you have all of the hydraulic connections.

Advantages
The water-cooled unit is useful to solve some difficulties different installation and especially in cases where it is not possible to place the outdoor unit to excessive distance or aesthetic issues or regulatory constraints.

Water cooled units
The water-cooled unit is expected that the external original system drive, single or multi split, is amended as follows:

- Elimination of exchange coils in the air
- Elimination of the fan and the motor
- Inclusion of relevant material suitable to transfer heat or cold water
- Original casing replacement with a more compact and suitable for installations also tight places

Installation
The unit is provided with water connections (inlet and outlet water) refrigerant connections (original) and electrical connections (original).



New wire controller **Airset R&C**

New optional remote control, standard on DUCT models. Depending on the version, it can be connected to Tredis indoor units and to commercial series indoor units.

Versions
AIRSET-R connection to the indoor unit through the SPC accessory
AIRSET-C connection directly to the machine

Main Features

- Two-way communication
- Full control of all features,
- 4.3" LCD
- Backlight
- Weekly programming
- Autorestart
- Integrated Wi-Fi *(C version only)*
- ***NetHome Plus*** app *(C version only)*

Net Home
ANDROID APP ON Google play
Available on the App Store

MONOSPLIT

Tredis

Wi-Fi as standard

SEER 7.0

Automatic restart

Filters Silver Ion

Function Super Ioniser

3 speeds DC motor

Timer Function

Sleep Mode

Variable Speed

Dehumidification mode

Cooling mode

Heating mode

Energy Performance

With a SEER value of 7.0, the Tredis range qualifies at the top of its category for energy savings and operating efficiency.

Design Aesthetics

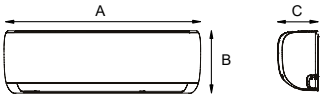
The essential and minimalist design, characterised by a perfect total-white colour scheme, combined with soft lines and the absence of continuity solutions, allow the integration of Tredis into any environment.

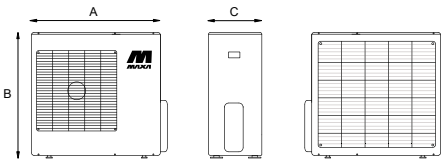
Super Ioniser Function

Tredis systems are equipped with the Super Ioniser function. This technology emits a high concentration of positive and negative ions, purifying the indoor air of odours, dust and pollen, giving freshness to the room.

Silver Ion Filters

Tredis systems are equipped with Silver Ion and Catechin filters to neutralise viruses and bacteria, fungus and spores. Silver Ion and Catechin help prevent the spread of viral diseases.





GENERAL DATA		TFL26R1 + UNIS26R	TFL35R1 + UNIS35R	TFL53R1 + UNIS53R	TFL70R1 + UNIS70R
Cooling capacity	kW	2,64	3,52	5,28	6,27
	BTU/h	9.000	12.000	18.000	24.000
Power input	kW	0,74	1,08	1,55	1,94
Absorbed current	A	4,95	5,10	6,7	10,9
S.E.E.R.		6,9 - A++	7,0 - A++	7,0 - A++	6,5 - A++
Heating capacity	kW	2,93	3,81	5,42	6,71
	BTU/h	10.000	13.000	18.500	22.900
Power input	kW	0,78	1,02	1,46	1,80
Absorbed current	A	3,5	3,66	6,5	9,3
S.C.O.P. (2)		4,0 - A+ / A+++	4,1 - A+ / A+++	4,0 - A+ / A+++	4,0 - A+ / A+++
INDOOR UNIT TREDIS		**TFL26R1**	**TFL35R1**	**TFL53R1**	**TFL70R1**
Power supply	V~,Ph,Hz	230, 1, 50			
Air flow	m³/h	416/309/230	584/477/395	730/500/420	1020/830/640
Sound power	dB(A)	56	55	57	63
Dimensions AxBxC	mm	722x290x187	802x297x189	965x319x215	1.080x335x226
Kg	kg	7,3	8,6	10,9	13,7
OUTDOOR UNIT TREDIS		**UNIS26R**	**UNIS35R**	**UNIS53R**	**UNIS70R**
Compressor		Rotary Inverter			
Power supply	V~, Ph, Hz	230, 1, 50			
Air flow	m³/h	1750	1800	2100	3500
Sound power	dB(A)	64	65	65	67
Outdoor temp. *	°C (coo)	-15 / +50	-15 / +50	-15 / +50	-15 / +50
	°C (hea)	-15 / +24	-15 / +24	-15 / +24	-15 / +24
Piping lenght	m	≤ 25	≤ 25	≤ 30	≤ 30
Diff. in level	m	≤ 10	≤ 10	≤ 20	≤ 20
Refrigerant q.ty	R32/g	550	550	1100	1450
Gas pipe (1)	mm / inch	Φ9.53(3/8")	Φ9.53(3/8")	Φ12.7(1/2")	Φ15,9(5/8")
Liquid pipe	mm / inch	Φ6.35(1/4")	Φ6.35(1/4")	Φ6.35(1/4")	Φ9.53(3/8")
Dimensions AxBxC **	mm	720x495x270	720x495x270	805x554x330	890x673x324
Kg	kg	23,2	23,2	33,5	43,9

* Operating limits
(1) Please refer to the table of indoor units for the piping section
(2) Average climatic conditions / warm climatic conditions
Cooling test conditions: in 27°C d.b. / 19,5°C w.b. - out 35°C d.b. / 24°C w.b. - Heating test conditions: in 20°C d.b. - out 7°C d.b. / 6°C w.b.
For the consumption of the system refer to the label of the outdoor
** The width measurement does not include attachments.

MONOSPLIT

Lys R3

Wi-Fi
as standard

Sleep Mode
21,5 db(A)

Automatic
restart

Size 26
Compact dimensions

Variable
Speed

Timer
Function

3 speeds
DC motor

Dehumidification
mode

Cooling
mode

Heating
mode

Limitless Cooling

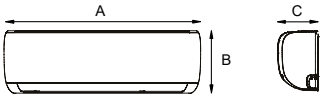
Lys R3 systems guarantee full cooling performance even at very high outside temperatures. In fact, the cooling mode is optimal even at 50°C outside temperature.

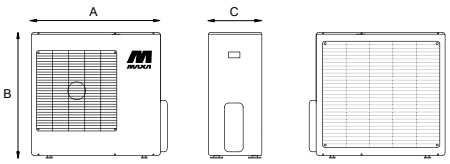
Unlimited Heating

Lys R3 systems guarantee full heating power even at very low outside temperatures. In fact, the heating mode is optimal even at -20°C outside temperature.

Maximum Silence

Thanks to the fan equipped with a DC type electric motor, Lys R3 systems guarantee the best energy efficiency together with excellent quietness.
Finally, Sleep mode allows Lys R3 systems to further improve quietness by reaching a minimum of 21.5 db(A).





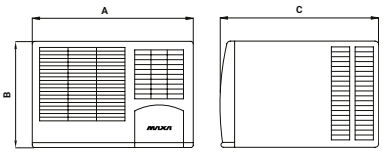
GENERAL DATA		LDL26R3 + LDL26R3	LDL35R3 + LDL35R3	LDL53R3 + LDL53R3	LDL70R3 + LDL70R3
Cooling capacity	kW	2,64	3,22	5,27	5,86
	BTU/h	9.000	12.000	18.000	24.000
Power input	kW	0,80	0,99	1,55	1,80
Absorbed current	A	3,48	4,3	6,7	7,86
S.E.E.R.		7,0 - A++	7,1 - A++	7,4 - A++	6,1 - A++
Heating capacity	kW	2,49	3,30	4,97	6,00
	BTU/h	8.500	13.000	19.000	25.000
Power input	kW	0,67	0,88	1,29	1,60
Absorbed current	A	2,9	3,8	5,64	6,99
S.C.O.P. (2)		4,1 - A+ / A+++	4,1 - A+ / A+++	4,0 - A+ / A+++	4,0 - A+ / A+++
INDOOR UNIT LYS		**LDL26R3**	**LDL35R3**	**LDL53R3**	**LDL70R3**
Power supply	V~,Ph,Hz	230, 1, 50			
Air flow	m³/h	435/333/259	530/430/310	840/680/540	980/817/662
Sound power	dB(A)	50	55	56	59
Dimensions AxBxC	mm	715x285x194	805x285x194	957x302x213	1.040x327x220
Kg	kg	6,7	7,3	10	12,3
OUTDOOR UNIT LYS		**LDL26R3**	**LDL35R3**	**LDL53R3**	**LDL70R3**
Compressor		Rotary Inverter			
Power supply	V~, Ph, Hz	230, 1, 50			
Air flow	m³/h	1.750	1.750	2.100	3.500
Sound power	dB(A)	59	63	63	67
Outdoor temp. *	°C (coo)	-15 / +50	-15 / +50	-15 / +50	-15 / +50
	°C (hea)	-20 / +30	-20 / +30	-20 / +30	-20 / +30
Piping lenght	m	≤ 25	≤ 25	≤ 30	≤ 50
Diff. in level	m	≤ 10	≤ 10	≤ 20	≤ 25
Refrigerant q.ty	R32/g	470	520	1080	1420
Gas pipe (1)	mm / inch	Φ9.53(3/8")	Φ9.53(3/8")	Φ12.7(1/2")	Φ15,9(5/8")
Liquid pipe	mm / inch	Φ6.35(1/4")	Φ6.35(1/4")	Φ6.35(1/4")	Φ9.53(3/8")
Dimensions AxBxC **	mm	720x495x270	720x495x270	805x554x330	890x673x324
Kg	kg	21	21	32,7	42,9

* Operating limits
(1) Please refer to the table of indoor units for the piping section
(2) Average climatic conditions / warm climatic conditions
Cooling test conditions: in 27°C d.b. / 19,5°C w.b. - out 35°C d.b. / 24°C w.b. - Heating test conditions: in 20°C d.b. - out 7°C d.b. / 6°C w.b.
For the consumption of the system refer to the label of the outdoor
** The width measurement does not include attachments.

MONOBLOCK

Window Air Conditioner

- Plug and Play
- Automatic restart
- Remote control supplied
- Cooling mode
- 3 speeds DC motor
- Dust-proof function
- Quick installation
- Dehumidification mode
- Silent operation only 46 dB
- 3 ventilation speed
- Swing fins
- SEER 5,2

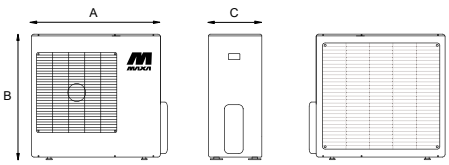


INDOOR UNIT WINDOW AIR CONDITIONER		F26A06
Cooling capacity	kW	2,70
	BTU/h	9.000
Absorbed current	A	3,5
Power input	kW	0,78
E.E.R.		3,45
Compressor		Rotary Inverter
Power supply	V~, Ph, Hz	230, 1, 50
Air flow **	m³/h	400/360/320
Sound power **	dB(A)	59/57/55
Outdoor temp. *	°C	+16 / +43
Refrigerant q.ty	R32 / g	510
Dimensions AxBxC	mm	560x375x708
Kg	kg	43

* Operating limits
** Indoor ventilation side
Cooling test conditions: in 27°C d.b. / 19,5°C w.b. - out 35°C d.b. / 24°C w.b.

MULTISPLIT

Outdoor Unit



UNITÀ ESTERNE		EXT2M42R	EXT2M53R	EXT3M53R	EXT3M62R	EXT3M80R	EXT4M82R	EXT4M105R	EXT5M120R
Cooling capacity	kW	4,10	5,27	5,27	6,29	7,91	8,18	10,54	12,30
	BTU/h	14.000	18.000	18.000	21.000	27.000	28.000	36.000	42.000
Power input	kW	1,27	1,63	1,40	1,95	2,45	2,55	3,81	3,81
Absorbed current	A	5,52	7,10	6,20	9,00	13,70	11,00	15,00	16,00
S.E.E.R.		5,6 - A+	6.1 - A++	6.1 - A++	6.1 - A++	6,1 - A++	6,1 - A++	6,2 - A++	6,1 - A++
Heating capacity	kW	4,39	5,56	5,27	6,44	8,20	8,79	10,84	12,30
	BTU/h	15.000	19.000	18.000	22.000	28.000	30.000	37.000	42.000
Power input	kW	1,18	1,39	1,30	1,78	2,10	2,05	2,76	3,30
Absorbed current	A	5,15	6,1	5,9	8,5	12,5	9,0	12,1	14,6
S.C.O.P. Average		3,8 - A	3,8 - A+	4,0 - A+	4,0 - A+	4,0 - A+	3,8 - A	3,8 - A	3,5 - A
S.C.O.P. Warmer		4,6 - A++	5,1 - A+++	5,1 - A+++	4,8 - A++	5,1 - A+++	4,6 - A++	5,2 - A+++	5,1 - A+++
Max indoor units		2	2	3	3	3	4	4	5
Compressor		Rotary Inverter							
Power supply	V~, Ph, Hz	230, 1, 50							
Air flow	m³/h	2200	2100	2100	3000	3000	3800	4000	3850
Sound power	dB(A)	64	65	65	65	67	67	67	69
Outdoor temp. *	°C (coo)	-15 / +50	-15 / +50	-15 / +50	-15 / +50	-15 / +50	-15 / +50	-15 / +50	-15 / +50
	°C (hea)	-15 / +24	-15 / +24	-15 / +24	-15 / +24	-15 / +24	-15 / +24	-15 / +24	-15 / +24
Refrigerant q.ty	R32/g	1100	1250	1570	1400	1720	2100	2100	2900
Additional charge	g/m	12	12	12	12	12	12	12	12
Max. length with standard load	m	15	15	15	22,5	22,5	30	30	37,5
Max length for all indoor units	m	40	40	60	60	60	80	80	80
Max length for each unit	m	25	25	30	30	30	35	35	35
Max difference between inside and outside	m	15	15	15	15	15	15	15	15
Diff. in level between indoor units	m	10	10	10	10	10	10	10	10
Gas pipe (1)	mm / inch	Φ9,53(3/8")	Φ9,53(3/8")	Φ9,53(3/8")	Φ9,53(3/8")	Φ9,53(3/8")	Φ3x9,53+1x12,7 3x3/8"+1 x1/2"	Φ3x9,53+1x12,7 3x3/8"+1 x1/2"	Φ4x9,53+1x12,7 3x3/8"+1 x1/2"
Liquid pipe	mm / inch	Φ6,53(1/4")	Φ6,35(1/4")	Φ6,35(1/4")	Φ6,35(1/4")	Φ6,35(1/4")	4x Φ6,35 4x1/4"	4x Φ6,35 4x1/4"	4x Φ6,35 5x1/4"
Dimensions AxBxC	mm	800x554x333	800x554x333	805x554x333	845x702x363	845x702x363	946x810x410	946x810x410	946x810x410
Kg	kg	31,8	35,5	36,2	46,8	51,1	62,1	68,8	74,1

* Operating limits
(1) Please refer to the table of indoor units for the piping section
For the consumption of the system refer to the label of the outdoor
Cooling test conditions: in 27°C d.b. / 19,5°C w.b. - out 35°C d.b. / 24°C w.b. - Heating test conditions: in 20°C d.b. - out 7°C d.b. / 6°C w.b.

MULTISPLIT

Tredis

Wi-Fi as standard

SEER 7.0

Automatic restart

Filters Silver Ion

Super Ioniser function

3 speeds DC motor

Timer Function

Sleep Mode

Variable speed

Dehumidification mode

Cooling mode

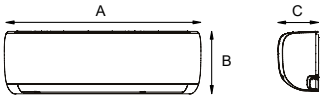
Heating mode

Energy Performance

With a SEER value of 7.0, the Tredis range qualifies at the top of its category for energy savings and operating efficiency.

Design Aesthetics

The essential and minimalist aesthetics characterised chromatically by a perfect total-white, combined with soft lines, allow Tredis to be integrated into any environment.



INDOOR UNIT TREDIS		TFL26R1	TFL35R1	TFL53R1	TFL70R1
Cooling capacity	kW	2,64	3,52	5,28	6,27
	BTU/h	9.000	12.000	18.000	24.000
Power input	kW	0,74	1,08	1,55	1,94
Absorbed current	A	4,95	5,10	6,7	10,9
Heating capacity	kW	2,93	3,81	5,42	6,71
	BTU/h	10.000	13.000	18.500	22.900
Power input	kW	0,78	1,02	1,46	1,80
Absorbed current	A	3,5	3,66	6,5	9,3
Power supply	V~,Ph,Hz	230, 1, 50			
Air flow	m³/h	416/309/230	584/477/395	730/500/420	1020/830/640
Sound power	dB(A)	56	55	57	63
Gas pipe (1)	mm / inch	Φ9.53(3/8")	Φ9.53(3/8")	Φ12.7(1/2")	Φ15,9(5/8")
Liquid pipe	mm / inch	Φ6.35(1/4")	Φ6.35(1/4")	Φ6.35(1/4")	Φ9.53(3/8")
Dimensions AxBxC	mm	722x290x187	802x297x189	965x319x215	1.080x335x226
Kg	kg	7,3	8,6	10,9	13,7

* Operating limits
Cooling test conditions: in 27°C d.b. / 19,5°C w.b. - out 35°C d.b. / 24°C w.b. - Heating test conditions: in 20°C d.b. - out 7°C d.b. / 6°C w.b.

MULTISPLIT

Cassette

Predisposition WiFi

Fan Motor DC

Auto Mode - Automatic season change

Condensate drain pump h max. 75 cm

Alarm signalling contact

Predisposition fresh air intake

Side air predisposition

Activation contact for renewal air

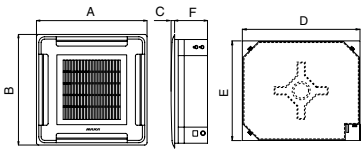
Remote on/off input

Renewed Aesthetics

The R1 series cassettes are equipped with the new grid panel, which provides increased levels of comfort and aesthetics in line with the other cassette units in the Maxa line.

360° Ventilation

The R1 series cassettes are characterised by the round 360° air supply, which increases temperature uniformity in the room.



INDOOR UNIT CASSETTE		CCST26R1	CCST35R1	CCST53R1
Cooling capacity	kW	2,64	3,51	5,27
	BTU/h	9.000	12.000	18.000
Absorbed current *	A	0,50	4,45	7,2
Heating capacity	kW	2,93	3,80	5,57
	BTU/h	10.000	13.000	17.870
Absorbed current *	A	0,50	4,73	6,8
Power supply	V~, Ph, Hz		230, 1, 50	
Air flow	m³/h	580/500/300	620x510x420	720x620x500
Sound power	dB(A)	59	60	63
Gas pipe	mm / inch	Φ9,53(3/8")	Φ9,53(3/8")	Φ12,7(1/2")
Liquid pipe	mm / inch	Φ6,35(1/4")	Φ6,35(1/4")	Φ6,35(1/4")
Frame dimensions DxExF	mm	570x570x245	647x647x50	647x647x50
Panel dimensions AxBxC	mm	647x647x50	570x570x260	570x570x260
Kg	kg	14,5	16,3	16,3

* Specific only for the indoor unit
For the consumption of the system refer to the label of the outdoor
Cooling test conditions: in 27°C d.b. / 19,5°C w.b. - out 35°C d.b. / 24°C w.b. - Heating test conditions: in 20°C d.b. - out 7°C d.b. / 6°C w.b.

MULTISPLIT

Duct

Airset-C wired remote control with WiFi as standard

ESP Settings

Auto Mode - Automatic season change

Condensate drain pump h max. 75 cm

Alarm signalling contact

Predisposition renewal air intake

Activation contact for renewal air

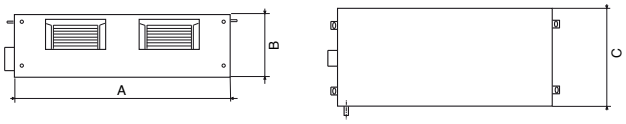
Remote on/off input

Perfect Adaptability

Thanks to the DC technology applied to the fan motors, it is possible to adapt the useful static pressure required for each system using different control curves.

Global Control

The ductable series units are equipped as standard with the AIRSET-C wired remote control, which allows global control over every function of the ductable unit and enables it to be connected via a WiFi network.



INDOOR UNIT DUCT		DUCT26R1	DUCT35R1	DUCT53R1
Cooling capacity	kW	2,63	3,51	5,27
	BTU/h	9.000	12.000	18.000
Absorbed current *	A	1,10	4,75	7,1
Heating capacity	kW	2,93	3,81	5,57
	BTU/h	10.000	13.000	19.000
Absorbed current *	A	1,10	4,52	6,8
Power supply	V~, Ph, Hz	230, 1, 50	230, 1, 50	230, 1, 50
Air flow	m³/h	500/340/230	600/480/300	911/706.3/515.2
Ext. Static pressure	Pa	0 - 40	0 - 60	0 - 100
Sound power	dB(A)	59	61	65
Gas pipe	mm / inch	Φ9.53(3/8")	Φ9.53(3/8")	Φ12,7(1/2")
Liquid pipe	mm / inch	Φ6.35(1/4")	Φ6.35(1/4")	Φ6.35(1/4")
Dimensions AxBxC	mm	700x200x450	700x200x506	880x210x674
Kg	kg	18	17,8	24,4

(*) Value referred to the sum of the absorptions external unit + internal unit (separate supplies)
For the consumption of the system refer to the label of the outdoor
Cooling test conditions: in 27°C d.b. / 19,5°C w.b. - out 35°C d.b. / 24°C w.b. - Heating test conditions: in 20°C d.b. - out 7°C d.b. / 6°C w.b.

MULTISPLIT

Console

Predisposition
WiFi

Display
on board machine

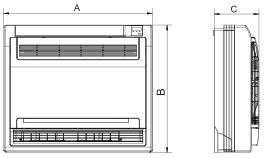
Double outlet Air

Guaranteed Efficiency

The console series units are equipped with automatic double opening so that heated or cooled air can be introduced from both the top and bottom, improving comfort.

Aesthetics and Design

The renewed intake grid and soft lines that characterise the console series units ensure perfect integration in any environment.



INDOOR UNIT CONSOLE		CONS35R
Cooling capacity	kW	3,52
	BTU/h	12.000
Absorbed current	A	4,52
Heating capacity	kW	3,81
	BTU/h	13.000
Absorbed current	A	4,43
Power supply	V~, Ph, Hz	230, 1, 50
Air flow	m³/h	650/580/490
Sound power	dB(A)	54
Gas pipe	mm / inch	Φ9,53(3/8")
Liquid pipe	mm / inch	Φ6,35(1/4")
Dimensions AxBxC	mm	794x621x206
Kg	kg	14,9

For the consumption of the system refer to the label of the outdoor
Cooling test conditions: in 27°C d.b. / 19,5°C w.b. - out 35°C d.b. / 24°C w.b. - Heating test conditions: in 20°C d.b. - out 7°C d.b. / 6°C w.b.

MULTISPLIT

Floor Ceiling

Predisposition WiFi

Flexibility of Installation

Auto Mode
Automatic season change

Alarm signalling contact

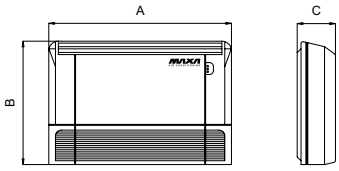
Remote on/off input

Ideal for Large Spaces

The ceiling-floor series units are characterised by generous air flow rates and a large throw distance, these features make them ideal for large spaces.

Flexibility of Installation

The main feature of these units is the possibility of installing them both vertically and horizontally, always ensuring maximum output.



INDOOR UNIT FLOOR CEILING		SPV53R
Cooling capacity	kW	5,27
	BTU/h	18.000
Absorbed current	A	6,0
Heating capacity	kW	5,57
	BTU/h	19.000
Absorbed current	A	6,6
Power supply	V~, Ph, Hz	230, 1, 50
Air flow	m³/h	958/839/723
Sound power	dB(A)	57
Gas pipe	mm / inch	Φ12,7(1/2")
Liquid pipe	mm / inch	Φ6,35(1/4")
Dimensions AxBxC	mm	1.068x675x235
Kg	kg	28

For the consumption of the system refer to the label of the outdoor
Cooling test conditions: in 27°C d.b. / 19,5°C w.b. - out 35°C d.b. / 24°C w.b. - Heating test conditions: in 20°C d.b. - out 7°C d.b. / 6°C w.b.

MULTISPLIT

Total-One

Total-One is Maxa's new **integrated air-conditioning system**: a state-of-the-art product designed to cool, heat and produce domestic hot water ecologically and efficiently. The key of our Total-One system is the **perfect integration** between the air-conditioning system and the system for domestic hot water production.

The **heat recovered from the dispersion**, during the cooling or heating process, is efficiently sent to the domestic hot water tank.

This synergy significantly increases the overall energy efficiency of the system.

Total Comfort

Enjoy a perfect room temperature and a constant flow of domestic hot water, all in one integrated system.

Effective in all Conditions

Operation from -15° C to +42° C,
hot water up to 55° C.

Compatible with all Indoor Units

Compatible with indoor units of the TREDIS family. Up to 3 indoor units can be connected.

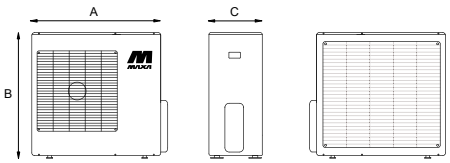
Ecological

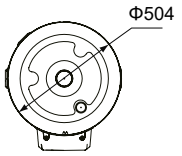
Contribute to the reduction of carbon emissions with a system designed to maximise energy efficiency and minimise environmental impact.

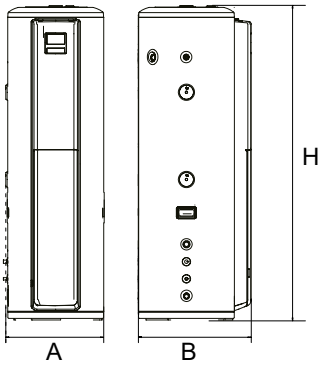
Outdoor unit

Up to
3 SPLIT

1 DHW cylinder
190 liter







HEAT RECOVERY OUTDOOR UNIT EXT4M80HR			
Dimensions (LxPxH)		mm	805x330x554
Power supply		Ph-V-Hz	1Ph-230V-50Hz
Cooling (standard conditions)	Capacity	Btu/h	27000
		W	7912
	Input	W	2450
	Current	A	11
	EER	W/W	3,23
Heating (Standard conditions)	Capacity	Btu/h	28000
		W	8.206
	Input	W	2210
	Current	A	10,5
	COP	W/W	3,71
Seasonal cooling	Pdesign	kW	7,9
	SEER	W/W	6,3
	Energy efficiency class		A++
Seasonal heating (on average)	Pdesign	kW	6.0
	SCOP	W/W	4,1
	Energy efficiency class		A+
	Tbiv	°C	-7
Nominal power input		W	5300
Nominal currrent		A	24
External air flow		m3/h	4000
External sound pressure level		dB(A)	61
External sound power level		dB(A)	69
Outdoor unit	Dimensions (W*D*H)	mm	946x410x810
	Net	kg	64.3
Refrigerant	Type		R32
	GWP		675
	Quantity charged	kg	1.8
Operative Temperaure Cooling/heating		°C	-15~50 / -15~24
Refrigerant piping			
Liquid side/gas side (AC)		mm	3x6.35mm / 2x9.52mm +1x12.7mm
Max. length for all rooms (AC)		m	80(20m for DHW)
Max. length for one indoor unit (AC)		m	35(20m for DHW)
Max. height difference between indoor and outdoor unit (AC)		m	15
Max. height difference between indoor units (AC)		m	10

DHW CYLINDER INDOR UNITTNK190HR	
Dimensions AxBxH (mm)	504x574x1660
Operating range	Da -15°C a + 43°C
Refrigerant connections (mm/")	6,35 + 9,52 1/4" + 3/8"
DHW set point temperature (with heating element enabled) (°C)	38 ~ 55 (70)
Tank corrosion protection	Magnesium anode
Material of construction	Enamelled steel
Net internal volume Litres	190
Power supply (Ph-V-Hz)	1ph/220~240V/50Hz
DHW performance according to EN 16147:2017	
Load profile	L
Nominal power ^{dhwt} (kW)	3,9
COP dhw	3,4
DHW test set point (°C)	52
Maximum drawdown with DHW = 40 °C	240 litri
Energy class	A+
Standby consumption (W)	50
Maximum tank pressure (bar)	10
Protection system	Sacrificial magnesium anode
Type of material	Vitrified steel
Integration mode	2kW electric heater
COP in DHW production only	
Air 15°C and DHW from 15°C to 45°C	3,9
Dimensions	
Dimensions (mm)	1660*504*574
Net weight (kg)	70
Electrical data	
Electrical wiring	2+Ground
Recommended minimum power supply cross-section (mm^2)	1,5
Electrical resistance power (kW)	2
Electrical resistance current (A)	9,1
Wiring section to outdoor unit (mm^2)	1.0 x 3 + Ground

Multisplit combinations

COOLING OUTPUTS AND COMBINATIONS

Indoor Units	A (kW)	B (kW)	C (kW)	D (kW)	E (kW)	Capacity (kW)			Power (kW)			SEER
						Min	Nom	Max	Min	Nom	Max	
EXT2M42R												
26	2,50	–				1,23	2,50	3,20	0,30	0,77	0,96	
35	3,50	–				1,23	3,50	3,90	0,30	1,08	1,35	
53	4,10	–				1,35	4,10	4,90	0,40	1,27	1,59	
26+26	2,05	2,05				1,76	4,10	4,92	0,44	1,27	1,59	6,80
26+35	1,76	2,34				1,76	4,10	4,92	0,44	1,27	1,59	6,80
EXT2M53R												
26	2,50	–				1,43	2,50	3,20	0,35	0,75	0,93	–
35	3,50	–				1,43	3,50	3,90	0,35	1,08	1,29	–
53	5,00	–				1,64	5,00	5,51	0,45	1,55	1,89	–
26+26	2,65	2,65				2,12	5,3	6,41	0,54	1,64	2,05	6,1
26+35	2,27	3,03				2,12	5,3	6,41	0,54	1,64	2,05	6,1
26+53	1,77	3,53				2,12	5,3	6,47	0,54	1,64	2,05	6,1
35+35	2,65	2,65				2,12	5,3	6,41	0,54	1,64	2,05	6,1
EXT3M53R												
26	2,50											
35	3,50											
53	5,00											
26+26	2,65	2,64				1,58	5,27	6,32	0,24	1,63	2,12	6,09
26+35	2,27	3,03				1,58	5,27	6,32	0,23	1,55	2,02	6,05
26+53	1,77	3,53				1,59	5,30	6,36	0,22	1,49	1,93	6,14
35+35	2,65	2,65				1,59	5,29	6,34	0,22	1,50	1,95	6,00
35+53	2,65	3,53				1,59	5,28	6,34	0,21	1,42	1,85	6,12
26+26+26	1,76	1,76	1,76			1,58	5,28	6,33	0,23	1,50	1,95	6,30
EXT3M62R												
26	2,50	–	–			1,43	2,50	3,20	0,38	0,77	0,97	–
35	3,50	–	–			1,43	3,50	3,90	0,38	1,08	1,30	–
53	5,00	–	–			1,65	5,00	6,50	0,48	1,55	1,78	–
26+26	2,65	2,65	–			2,01	5,30	6,41	0,57	1,64	2,08	6,1
26+35	2,57	3,43	–			2,01	6,00	6,59	0,57	1,86	2,12	6,1
26+53	2,03	4,07	–			2,01	6,10	6,83	0,57	1,89	2,17	6,1
35+35	3,05	3,05	–			2,01	6,10	6,83	0,57	1,89	2,17	6,1
26+26+26	2,03	2,03	2,03			2,44	6,10	7,32	0,68	1,89	2,35	6,5
26+26+35	1,83	1,83	2,44			2,44	6,10	7,32	0,68	1,89	2,35	6,5
EXT3M80R												
26	3,00	–	–			1,64	3,00	3,20	0,40	0,80	1,01	–
35	3,80	–	–			1,64	3,80	3,90	0,40	1,02	1,22	–
53	5,20	–	–			1,89	5,20	7,22	0,50	1,39	1,59	–
26+26	3,00	3,00	–			2,30	6,00	7,39	0,58	1,62	2,21	3,8
26+35	2,70	3,60	–			2,30	6,30	7,80	0,58	1,70	2,32	3,8
26+53	2,33	4,67	–			2,30	7,00	8,21	0,58	1,89	2,43	3,8
35+35	3,25	3,25	–			2,30	6,50	7,96	0,58	1,75	2,39	3,8
35+53	2,80	4,20	–			2,30	7,00	8,21	0,58	1,89	2,43	3,8
26+26+26	2,74	2,74	2,74			2,87	8,21	9,85	0,69	2,21	2,76	4,0
26+26+35	2,46	2,46	3,28			2,87	8,21	9,85	0,69	2,21	2,76	4,0
26+35+35	2,24	2,99	2,99			2,87	8,21	9,85	0,69	2,21	2,76	4,0
35+35+35	2,74	2,74	2,74			2,87	8,21	9,85	0,69	2,21	2,76	4,0
EXT4M82R												
26	2,50	–	–	–		1,52	2,50	3,20	0,40	0,77	0,97	–
35	3,50	–	–	–		1,52	3,50	3,90	0,40	1,08	1,30	–
53	5,00	–	–	–		1,72	5,00	6,50	0,50	1,55	1,78	–
26+26	2,65	2,65	–	–		2,05	5,30	6,81	0,63	1,64	2,28	5,1
26+35	2,57	3,43	–	–		2,05	6,00	6,97	0,63	1,86	2,41	5,1
26+53	2,43	4,87	–	–		2,05	7,30	7,54	0,63	2,26	2,79	5,1
35+35	3,25	3,25	–	–		2,05	6,50	7,38	0,63	2,01	2,49	5,1
35+53	2,92	4,38	–	–		2,05	7,30	7,54	0,63	2,26	2,79	5,1
53+53	3,75	3,75	–	–		2,05	7,50	7,54	0,63	2,32	2,79	5,1
26+26+26	2,37	2,37	2,37	–		2,62	7,10	8,45	0,76	2,20	2,94	6,5
26+26+35	2,34	2,34	3,12	–		2,62	7,80	8,45	0,76	2,41	2,94	6,5
26+26+53	1,95	1,95	3,90	–		2,62	7,80	8,45	0,76	2,41	2,94	6,5

Indoor Units	A (kW)	B (kW)	C (kW)	D (kW)	E (kW)	Capacity (kW)			Power (kW)			SEER
						Min	Nom	Max	Min	Nom	Max	
26+35+35	2,13	2,84	2,84	–		2,62	7,80	8,45	0,76	2,41	2,94	6,5
26+35+53	1,80	2,40	3,60	–		2,62	7,80	8,45	0,76	2,41	2,94	6,5
35+35+35	2,60	2,60	2,60	–		2,62	7,80	8,45	0,76	2,41	2,94	6,5
26+26+26+26	2,05	2,05	2,05	2,05		2,87	8,20	9,92	0,86	2,54	3,17	7,0
26+26+26+35	1,89	1,89	1,89	2,52		2,87	8,20	9,92	0,86	2,54	3,17	7,0
❄ EXT4M105R												
26	2,50	–	–	–		1,58	2,50	3,20	0,45	0,76	0,95	–
35	3,50	–	–	–		1,58	3,50	3,90	0,45	1,07	1,28	–
53	5,00	–	–	–		1,79	5,00	6,50	0,58	1,52	1,75	–
70	7,00	–	–	–		2,21	7,00	8,00	0,62	2,13	2,45	
26+26	2,65	2,65	–	–		2,21	5,30	6,83	0,62	1,62	2,44	5,2
26+35	2,57	3,43	–	–		2,21	6,00	7,35	0,62	1,83	2,60	5,2
26+53	2,50	5,00	–	–		2,21	7,50	9,45	0,62	2,29	2,93	5,2
26+70	2,59	6,91	–	–		2,21	9,50	9,98	0,62	2,90	3,12	5,2
35+35	3,50	3,50	–	–		2,21	7,00	7,88	0,62	2,13	2,76	5,2
35+53	3,40	5,10	–	–		2,21	8,50	9,98	0,62	2,59	2,93	5,2
35+70	3,33	6,67	–	–		2,21	10,00	10,50	0,62	3,09	3,19	5,2
53+53	5,00	5,00	–	–		2,21	10,00	10,50	0,62	3,09	3,25	5,2
26+26+26	2,50	2,50	2,50	–		2,84	7,50	9,98	0,78	2,31	3,41	5,8
26+26+35	2,55	2,55	3,40	–		2,84	8,50	10,50	0,78	2,62	3,41	5,8
26+26+53	2,50	2,50	5,00	–		2,84	10,00	11,55	0,78	3,09	3,58	5,8
26+26+70	2,14	2,14	5,71	–		2,84	10,00	11,55	0,78	3,09	3,58	5,8
26+35+35	2,59	3,45	3,45	–		2,84	9,50	11,55	0,78	2,93	3,58	5,8
26+35+53	2,31	3,08	4,62	–		2,84	10,00	11,55	0,78	3,09	3,58	5,8
26+35+70	2,00	2,67	5,33	–		2,84	10,00	11,55	0,78	3,09	3,58	5,8
26+53+53	2,00	4,00	4,00	–		2,84	10,00	11,55	0,78	3,09	3,58	5,8
35+35+35	3,33	3,33	3,33	–		2,84	10,00	11,55	0,78	3,09	3,58	5,8
35+35+53	2,86	2,86	4,29	–		2,84	10,00	11,55	0,78	3,09	3,58	5,8
35+35+70	2,50	2,50	5,00	–		2,84	10,00	11,55	0,78	3,09	3,58	5,8
35+53+53	2,50	3,75	3,75	–		2,84	10,00	11,55	0,78	3,09	3,58	5,8
26+26+26+26	2,63	2,63	2,63	2,63		3,68	10,50	13,65	0,88	3,25	3,97	6,5
26+26+26+35	2,42	2,42	2,42	3,23		3,68	10,50	13,65	0,88	3,25	3,97	6,5
26+26+26+53	2,10	2,10	2,10	4,20		3,68	10,50	13,65	0,88	3,25	3,97	6,5
26+26+35+35	2,25	2,25	3,00	3,00		3,68	10,50	13,65	0,88	3,25	3,97	6,5
26+26+35+53	1,97	1,97	2,63	3,94		3,68	10,50	13,65	0,88	3,25	3,97	6,5
26+35+35+35	2,10	2,80	2,80	2,80		3,68	10,50	13,65	0,88	3,25	3,97	6,5
26+35+35+53	1,85	2,47	2,47	3,71		3,68	10,50	13,65	0,88	3,25	3,97	6,5
35+35+35+35	2,63	2,63	2,63	2,63		3,68	10,50	13,65	0,88	3,25	3,97	6,5
❄ EXT5M120R												
26	2,50	–	–	–	–	1,66	2,50	3,20	0,45	1,28	1,60	–
35	3,50	–	–	–	–	1,66	3,50	3,90	0,45	1,79	2,15	–
53	5,00	–	–	–	–	1,85	5,00	6,50	0,58	1,98	2,28	–
70	7,00	–	–	–	–	2,09	7,00	8,20	0,70	2,30	2,42	–
26+26	2,68	2,68	–	–	–	2,34	5,35	8,00	0,65	1,90	2,55	5,1
26+35	2,67	3,56	–	–	–	2,34	6,23	8,61	0,65	2,21	2,59	5,1
26+53	2,65	5,31	–	–	–	2,34	7,96	11,07	0,65	2,83	2,86	5,1
26+70	2,62	6,98	–	–	–	2,34	9,60	12,30	0,65	3,41	3,24	5,1
35+35	3,55	3,55	–	–	–	2,34	7,09	9,23	0,65	2,52	2,70	5,1
35+53	3,53	5,30	–	–	–	2,34	8,83	11,69	0,65	3,14	3,12	5,1
35+70	3,49	6,98	–	–	–	2,34	10,47	12,30	0,65	3,72	3,43	5,1
53+53	5,28	5,28	–	–	–	2,34	10,56	12,30	0,65	3,75	3,43	5,1
53+70	4,93	6,57	–	–	–	2,34	11,50	12,50	0,65	3,88	3,43	5,1
26+26+26	2,62	2,62	2,62	–	–	2,89	7,86	10,46	0,80	2,26	3,81	5,3
26+26+35	2,62	2,62	3,49	–	–	2,89	8,73	12,92	0,80	2,51	3,62	5,3
26+26+53	2,62	2,62	5,23	–	–	2,89	10,47	12,30	0,80	3,01	3,81	5,3
26+26+70	2,59	2,59	6,92	–	–	2,89	12,11	12,92	0,80	3,48	3,96	5,3
26+35+35	2,62	3,49	3,49	–	–	2,89	9,60	11,07	0,80	2,76	3,62	5,3
26+35+53	2,62	3,49	5,23	–	–	2,89	11,34	11,69	0,80	3,26	3,81	5,3
26+35+70	2,60	3,46	6,92	–	–	2,89	12,98	12,92	0,80	3,73	3,96	5,3
26+53+53	2,61	5,23	5,23	–	–	2,89	13,07	12,92	0,80	3,76	3,96	5,3
35+35+35	3,49	3,49	3,49	–	–	2,89	10,47	11,07	0,80	3,01	3,73	5,3
35+35+53	3,49	3,49	5,23	–	–	2,89	12,20	12,92	0,80	3,51	3,96	5,3
35+35+70	3,46	3,46	6,92	–	–	2,89	13,84	12,92	0,80	3,98	3,96	5,3
35+53+53	3,48	5,23	5,23	–	–	2,89	13,94	12,92	0,80	4,01	3,96	5,3
35+53+70	2,67	4,00	5,33			2,89	12,00	12,92	0,80	4,15	3,96	5,3

Indoor Units	A (kW)	B (kW)	C (kW)	D (kW)	E (kW)	Capacity (kW)			Power (kW)			SEER
						Min	Nom	Max	Min	Nom	Max	
53+53+53	4,00	4,00	4,00	–	–	2,89	12,00	12,92	0,80	4,15	3,96	5,3
26+26+26+26	2,63	2,63	2,63	2,63	–	3,69	10,50	12,92	0,91	3,54	4,19	5,6
26+26+26+35	2,65	2,65	2,65	3,54	–	3,69	11,50	13,53	0,91	3,91	4,19	5,6
26+26+26+53	2,40	2,40	2,40	4,80	–	3,69	12,00	13,53	0,91	4,15	4,38	5,6
26+26+26+70	2,17	2,17	2,17	5,79	–	3,69	12,30	13,53	0,91	4,26	4,38	5,6
26+26+35+35	2,46	2,46	3,29	3,29	–	3,69	11,50	13,53	0,91	3,95	4,19	5,6
26+26+35+53	2,25	2,25	3,00	4,50	–	3,69	12,00	13,53	0,91	4,15	4,38	5,6
26+26+35+70	2,05	2,05	2,73	5,47	–	3,69	12,30	13,53	0,91	4,26	4,38	5,6
26+26+53+53	2,05	2,05	4,10	4,10	–	3,69	12,30	13,53	0,91	4,26	4,38	5,6
26+35+35+35	2,30	3,07	3,07	3,07	–	3,69	11,50	13,53	0,91	3,98	4,19	5,6
26+35+35+53	2,17	2,89	2,89	4,34	–	3,69	12,30	13,53	0,91	4,26	4,38	5,6
26+35+35+70	1,94	2,59	2,59	5,18	–	3,69	12,30	13,53	0,91	4,26	4,38	5,6
26+35+53+53	1,94	2,59	3,88	3,88	–	3,69	12,30	13,53	0,91	4,26	4,38	5,6
35+35+35+35	2,88	2,88	2,88	2,88	–	3,69	11,50	13,53	0,91	3,98	4,19	5,6
35+35+35+53	2,73	2,73	2,73	4,10	–	3,69	12,30	13,53	0,91	4,26	4,38	5,6
26+26+26+26+26	2,46	2,46	2,46	2,46	2,46	4,18	12,30	14,00	1,03	3,81	4,57	6,6
26+26+26+26+35	2,31	2,31	2,31	2,31	3,08	4,18	12,30	14,00	1,03	3,81	4,57	6,6
26+26+26+26+53	2,05	2,05	2,05	2,05	4,10	4,18	12,30	14,00	1,03	3,81	4,57	6,6
26+26+26+35+35	2,17	2,17	2,17	2,89	2,89	4,18	12,30	14,00	1,03	3,81	4,57	6,6
26+26+26+35+53	1,94	1,94	1,94	2,59	3,88	4,18	12,30	14,00	1,03	3,81	4,57	6,6
26+26+35+35+35	2,05	2,05	2,73	2,73	2,73	4,18	12,30	14,00	1,03	3,81	4,57	6,6
26+35+35+35+35	1,94	2,59	2,59	2,59	2,59	4,18	12,30	14,00	1,03	3,81	4,57	6,6

Multisplit combinations

HEATING OUTPUTS AND COMBINATIONS

Indoor Units	A (kW)	B (kW)	C (kW)	D (kW)	E (kW)	Capacity (kW)			Power (kW)			SCOP
						Min	Nom	Max	Min	Nom	Max	
☼ EXT2M42R												
26	2,92	–				1,32	2,90	3,35	0,28	0,78	0,97	
35	3,75	–				1,32	3,80	4,31	0,28	1,02	1,28	
53	4,40	–				1,45	4,40	5,24	0,38	1,19	1,48	
26+26	2,20	2,20				1,89	4,40	5,28	0,42	1,19	1,48	4,00
26+35	1,89	2,51				1,89	4,40	5,28	0,42	1,19	1,48	4,00
☼ EXT2M53R												
26	3,00	–				1,56	3,00	3,63	0,32	0,80	1,00	–
35	3,80	–				1,56	3,80	4,60	0,32	1,00	1,20	–
53	5,20	–				1,73	5,20	5,79	0,42	1,35	1,88	–
26+26	2,78	2,78				2,23	5,57	6,68	0,51	1,50	1,88	4,0
26+35	2,39	3,18				2,23	5,57	6,68	0,51	1,50	1,88	4,0
26+53	1,86	3,71				2,23	5,57	6,68	0,51	1,50	1,88	4,0
35+35	2,79	2,79				2,23	5,57	6,68	0,51	1,50	1,88	4,0
❄ EXT3M53R												
26	2,50											
35	3,50											
53	5,00											
26+26	2,64	2,64				1,58	5,27	6,32	0,21	1,42	1,85	3,80
26+35	2,26	3,01				1,58	5,27	6,32	0,20	1,31	1,70	3,92
26+53	1,76	3,52				1,59	5,28	6,34	0,19	1,23	1,60	3,85
35+35	2,62	2,62				1,57	5,25	6,30	0,18	1,23	1,60	3,99
35+53	2,10	3,15				1,57	5,25	6,30	0,18	1,17	1,52	3,89
26+26+26	1,76	1,76	1,76			1,58	5,28	6,34	0,21	1,42	1,85	3,90
☼ EXT3M62R												
26	3,00	–	–			1,43	3,00	3,63	0,35	0,81	1,01	–
35	3,80	–	–			1,43	3,80	4,60	0,35	1,02	1,23	–
53	5,20	–	–			1,74	5,20	6,64	0,45	1,40	2,00	–
26+26	2,95	2,95	–			2,13	5,90	6,77	0,52	1,59	1,91	3,8
26+35	2,70	3,60	–			2,13	6,30	6,96	0,52	1,70	1,95	3,8
26+53	2,20	4,40	–			2,13	6,60	7,22	0,52	1,78	2,00	3,8
35+35	3,15	3,15	–			2,13	6,30	7,22	0,52	1,70	2,00	3,8
26+26+26	2,15	2,15	2,15			2,26	6,44	7,74	0,63	1,74	2,17	4,0
26+26+35	1,93	1,93	2,58			2,26	6,44	7,74	0,63	1,74	2,17	4,0

Indoor Units	A (kW)	B (kW)	C (kW)	D (kW)	E (kW)	Capacity (kW)			Power (kW)			SCOP
						Min	Nom	Max	Min	Nom	Max	
EXT3M80R												
26	3,00	–	–			1,64	3,00	3,20	0,40	0,80	1,01	–
35	3,80	–	–			1,64	3,80	3,90	0,40	1,02	1,22	–
53	5,20	–	–			1,89	5,20	7,22	0,50	1,39	1,59	–
26+26	3,00	3,00	–			2,30	6,00	7,39	0,58	1,62	2,21	3,8
26+35	2,70	3,60	–			2,30	6,30	7,80	0,58	1,70	2,32	3,8
26+53	2,33	4,67	–			2,30	7,00	8,21	0,58	1,89	2,43	3,8
35+35	3,25	3,25	–			2,30	6,50	7,96	0,58	1,75	2,39	3,8
35+53	2,80	4,20	–			2,30	7,00	8,21	0,58	1,89	2,43	3,8
26+26+26	2,74	2,74	2,74			2,87	8,21	9,85	0,69	2,21	2,76	4,0
26+26+35	2,46	2,46	3,28			2,87	8,21	9,85	0,69	2,21	2,76	4,0
26+35+35	2,24	2,99	2,99			2,87	8,21	9,85	0,69	2,21	2,76	4,0
35+35+35	2,74	2,74	2,74			2,87	8,21	9,85	0,69	2,21	2,76	4,0
EXT4M82R												
26	3,00	–	–	–		1,63	3,00	3,20	0,40	0,80	1,00	–
35	3,80	–	–	–		1,63	3,80	3,90	0,40	1,01	1,22	–
53	5,60	–	–	–		1,85	5,60	6,77	0,50	1,48	1,70	–
26+26	3,00	3,00	–	–		2,20	6,00	7,30	0,59	1,57	2,13	3,4
26+35	3,00	4,00	–	–		2,20	7,00	7,47	0,59	1,84	2,25	3,4
26+53	2,63	5,27	–	–		2,20	7,90	8,09	0,59	2,05	2,61	3,4
35+35	3,75	3,75	–	–		2,20	7,50	7,91	0,59	1,97	2,32	3,4
35+53	3,20	4,80	–	–		2,20	8,00	8,09	0,59	2,08	2,61	3,4
53+53	4,00	4,00	–	–		2,20	8,00	8,09	0,59	2,08	2,61	3,4
26+26+26	2,87	2,87	2,87	–		2,81	8,60	9,06	0,71	2,32	2,75	4,0
26+26+35	2,58	2,58	3,44	–		2,81	8,60	9,06	0,71	2,32	2,75	4,0
26+26+53	2,15	2,15	4,30	–		2,81	8,60	9,06	0,71	2,32	2,75	4,0
26+35+35	2,35	3,13	3,13	–		2,81	8,60	9,06	0,71	2,32	2,75	4,0
26+35+53	1,98	2,65	3,97	–		2,81	8,60	9,06	0,71	2,32	2,75	4,0
35+35+35	2,87	2,87	2,87	–		2,81	8,60	9,06	0,71	2,32	2,75	4,0
26+26+26+26	2,20	2,20	2,20	2,20		3,08	8,79	10,64	0,81	2,37	2,96	4,00
26+26+26+35	2,03	2,03	2,03	2,70		3,08	8,79	10,64	0,81	2,37	2,96	4,00
EXT4M105R												
26	3,00	–	–	–		1,58	3,00	3,20	0,45	0,81	1,01	–
35	3,80	–	–	–		1,58	3,80	3,90	0,45	1,02	1,23	–
53	5,20	–	–	–		1,79	5,20	7,00	0,55	1,40	1,61	–
70	7,20	–	–	–		1,79	7,20	8,00	0,58	1,94	2,23	–
26+26	3,00	3,00	–	–		2,22	6,00	6,86	0,54	1,62	2,13	3,4
26+35	3,00	4,00	–	–		2,22	7,00	7,39	0,54	1,89	2,27	3,4
26+53	2,93	5,87	–	–		2,22	8,80	9,50	0,54	2,37	2,56	3,4
26+70	2,67	7,13	–	–		2,22	9,80	10,13	0,54	2,64	2,70	3,4
35+35	3,75	3,75	–	–		2,22	7,50	7,91	0,54	2,02	2,42	3,4
35+53	3,76	5,64	–	–		2,22	9,40	10,02	0,54	2,53	2,56	3,4
35+70	3,33	6,67	–	–		2,22	10,00	10,34	0,54	2,70	2,79	3,4
53+53	5,05	5,05	–	–		2,22	10,10	10,55	0,54	2,72	2,84	3,5
26+26+26	3,33	3,33	3,33	–		2,85	10,00	10,02	0,68	2,70	2,99	3,6
26+26+35	3,03	3,03	4,04	–		2,85	10,10	10,55	0,68	2,72	2,99	3,6
26+26+53	2,68	2,68	5,35	–		2,85	10,70	11,61	0,68	2,88	3,13	3,6
26+26+70	2,29	2,29	6,11	–		2,73	10,70	11,11	0,65	2,88	2,99	3,6
26+35+35	2,92	3,89	3,89	–		2,85	10,70	11,61	0,68	2,88	3,13	3,6
26+35+53	2,47	3,29	4,94	–		2,85	10,70	11,61	0,68	2,88	3,13	3,6
26+35+70	2,14	2,85	5,71	–		2,85	10,70	11,61	0,68	2,88	3,13	3,6
26+53+53	2,14	4,28	4,28	–		2,85	10,70	11,61	0,68	2,88	3,13	3,6
35+35+35	3,57	3,57	3,57	–		2,85	10,70	11,61	0,68	2,88	3,13	3,6
35+35+53	3,06	3,06	4,59	–		2,85	10,70	11,61	0,68	2,88	3,13	3,6
35+35+70	2,68	2,68	5,35	–		2,85	10,70	11,61	0,68	2,88	3,13	3,6
35+53+53	2,68	4,01	4,01	–		2,85	10,70	11,61	0,68	2,88	3,13	3,6
26+26+26+26	2,64	2,64	2,64	2,64		3,69	10,55	12,66	0,77	2,84	3,70	4,0
26+26+26+35	2,56	2,56	2,56	3,42		3,69	11,10	12,66	0,77	2,99	3,70	4,0
26+26+26+53	2,22	2,22	2,22	4,44		3,69	11,10	12,66	0,77	2,99	3,70	4,0
26+26+35+35	2,38	2,38	3,17	3,17		3,69	11,10	12,66	0,77	2,99	3,70	4,0
26+26+35+53	2,08	2,08	2,78	4,16		3,69	11,10	12,66	0,77	2,99	3,70	4,0
26+35+35+35	2,22	2,96	2,96	2,96		3,69	11,10	12,66	0,77	2,99	3,70	4,0
26+35+35+53	1,96	2,61	2,61	3,92		3,69	11,10	12,66	0,77	2,99	3,70	4,0
35+35+35+35	2,78	2,78	2,78	2,78		3,69	11,10	12,66	0,77	2,99	3,70	4,0

Indoor Units	A (kW)	B (kW)	C (kW)	D (kW)	E (kW)	Capacity (kW)			Power (kW)			SCOP
						Min	Nom	Max	Min	Nom	Max	
☼ EXT5M120R												
26	3,00	–	–	–	–	1,66	3,00	3,20	0,45	0,80	1,00	–
35	3,80	–	–	–	–	1,66	3,80	3,90	0,45	1,01	1,22	–
53	5,20	–	–	–	–	1,85	5,20	7,00	0,58	1,38	1,59	–
70	7,20	–	–	–	–	2,09	7,20	8,50	0,70	1,90	2,00	–
26+26	3,00	3,00	–	–	–	2,34	6,00	8,00	0,56	1,58	2,22	3,0
26+35	2,91	3,89	–	–	–	2,34	6,80	8,62	0,56	1,79	2,26	3,0
26+53	2,93	5,87	–	–	–	2,34	8,80	11,08	0,56	2,32	2,49	3,0
26+70	2,78	7,42	–	–	–	2,34	10,20	12,31	0,56	2,68	2,82	3,0
35+35	3,75	3,75	–	–	–	2,34	7,50	9,23	0,56	1,97	2,35	3,0
35+53	3,76	5,64	–	–	–	2,34	9,40	11,69	0,56	2,47	2,72	3,0
35+70	3,50	7,00	–	–	–	2,34	10,50	12,31	0,56	2,76	2,99	3,0
53+53	5,50	5,50	–	–	–	2,34	11,00	12,31	0,56	2,89	2,99	3,0
53+70	4,93	6,57	–	–	–	2,34	11,50	12,51	0,56	3,01	2,99	3,0
26+26+26	3,33	3,33	3,33	–	–	2,89	10,00	12,31	0,70	2,60	3,32	3,2
26+26+35	3,30	3,30	4,40	–	–	2,89	11,00	12,31	0,70	2,86	3,15	3,2
26+26+53	2,88	2,88	5,75	–	–	2,89	11,50	12,31	0,70	2,99	3,32	3,2
26+26+70	2,57	2,57	6,86	–	–	2,89	12,00	12,92	0,70	3,12	3,45	3,2
26+35+35	3,14	4,18	4,18	–	–	2,89	11,50	12,31	0,70	2,99	3,15	3,2
26+35+53	2,77	3,69	5,54	–	–	2,89	12,00	12,92	0,70	3,12	3,32	3,2
26+35+70	2,40	3,20	6,40	–	–	2,89	12,00	12,92	0,70	3,12	3,45	3,2
26+53+53	2,40	4,80	4,80	–	–	2,89	12,00	12,92	0,70	3,12	3,45	3,2
35+35+35	3,83	3,83	3,83	–	–	2,89	11,50	12,31	0,70	2,99	3,25	3,2
35+35+53	3,43	3,43	5,14	–	–	2,89	12,00	12,92	0,70	3,12	3,45	3,2
35+35+70	3,00	3,00	6,00	–	–	2,89	12,00	12,92	0,70	3,12	3,45	3,2
35+53+53	3,00	4,50	4,50	–	–	2,89	12,00	12,92	0,70	3,12	3,45	3,2
35+53+70	2,67	4,00	5,33			2,89	12,00	12,92	0,70	3,12	3,45	3,2
53+53+53	4,00	4,00	4,00	–	–	2,89	12,00	12,92	0,70	3,09	3,45	3,2
26+26+26+26	3,00	3,00	3,00	3,00	–	3,69	12,00	13,54	0,80	3,07	3,65	3,4
26+26+26+35	2,77	2,77	2,77	3,69	–	3,69	12,00	13,54	0,80	3,07	3,65	3,4
26+26+26+53	2,40	2,40	2,40	4,80	–	3,69	12,00	13,54	0,80	3,07	3,82	3,4
26+26+26+70	2,17	2,17	2,17	5,79	–	3,69	12,30	13,54	0,80	3,15	3,82	3,4
26+26+35+35	2,57	2,57	3,43	3,43	–	3,69	12,00	13,54	0,80	3,07	3,65	3,4
26+26+35+53	2,25	2,25	3,00	4,50	–	3,69	12,00	13,54	0,80	3,07	3,82	3,4
26+26+35+70	2,05	2,05	2,73	5,47	–	3,69	12,30	13,54	0,80	3,15	3,82	3,4
26+26+53+53	2,00	2,00	4,00	4,00	–	3,69	12,00	13,54	0,80	3,07	3,82	3,4
26+35+35+35	2,40	3,20	3,20	3,20	–	3,69	12,00	13,54	0,80	3,07	3,65	3,4
26+35+35+53	2,12	2,82	2,82	4,24	–	3,69	12,00	13,54	0,80	3,07	3,82	3,4
26+35+35+70	1,94	2,59	2,59	5,18	–	3,69	12,30	13,54	0,80	3,15	3,82	3,4
26+35+53+53	1,89	2,53	3,79	3,79	–	3,69	12,00	13,54	0,80	3,07	3,82	3,4
35+35+35+35	3,00	3,00	3,00	3,00	–	3,69	12,00	13,54	0,80	3,07	3,65	3,4
35+35+35+53	2,67	2,67	2,67	4,00	–	3,69	12,00	13,54	0,80	3,07	3,82	3,4
26+26+26+26+26	2,46	2,46	2,46	2,46	2,46	4,19	12,31	14,96	0,90	3,32	4,15	3,8
26+26+26+26+35	2,31	2,31	2,31	2,31	3,08	4,19	12,31	14,96	0,90	3,32	4,15	3,8
26+26+26+26+53	2,05	2,05	2,05	2,05	4,10	4,19	12,31	14,96	0,90	3,32	4,15	3,8
26+26+26+35+35	2,17	2,17	2,17	2,90	2,90	4,19	12,31	14,96	0,90	3,32	4,15	3,8
26+26+26+35+53	1,94	1,94	1,94	2,59	3,89	4,19	12,31	14,96	0,90	3,32	4,15	3,8
26+26+35+35+35	2,05	2,05	2,74	2,74	2,74	4,19	12,31	14,96	0,90	3,32	4,15	3,8
26+35+35+35+35	1,94	2,59	2,59	2,59	2,59	4,19	12,31	14,96	0,90	3,32	4,15	3,8

Multisplit combinations – TotalOne

HEATING AND COOLING COMBINATIONS

Dual Configuration	Trial Configuration	Quadri Configuration
	❄ EXT4M80HR	
26 + TNK190HR	26+26 + TNK190HR	26+26+26 + TNK190HR
35 + TNK190HR	26+35 + TNK190HR	26+26+35 + TNK190HR
53 + TNK190HR	26+53 + TNK190HR	26+26+53 + TNK190HR
70 + TNK190HR	35+35 + TNK190HR	26+35+35 + TNK190HR
	35+53 + TNK190HR	26+35+53 + TNK190HR
		35+35+35 + TNK190HR

WiFi Smart port

for multi & commercial indoor units

Simplify climate control!

Smart Port WiFi, specially designed to control via smartphone or tablet the indoor units of the range R32, cassettes, ducted and ceiling floor.
(Note: not available for Console and Column models.)

Thanks to integration with the **NetHome Plus** App, Smart Port offers intuitive and easy remote control via smartphone or tablet.

The compact size makes it discreet and easy to integrate. Each Smart Port must be connected to a single internal unit via serial cable.
Through the app you can manage multiple units.

Net Home

ANDROID APP ON Google play

Available on the App Store

Connection to the main board via cable

Remote on or off

Control via the web and via the App

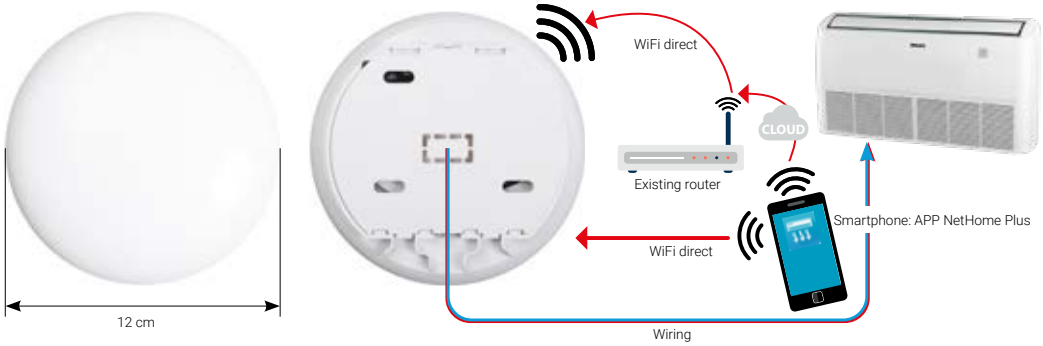
Weekly programs

Temperature Regulation

Compact size 12 cm x 3 cm

Need for a pre-existing support WiFi network

Sleep Function



Twin System

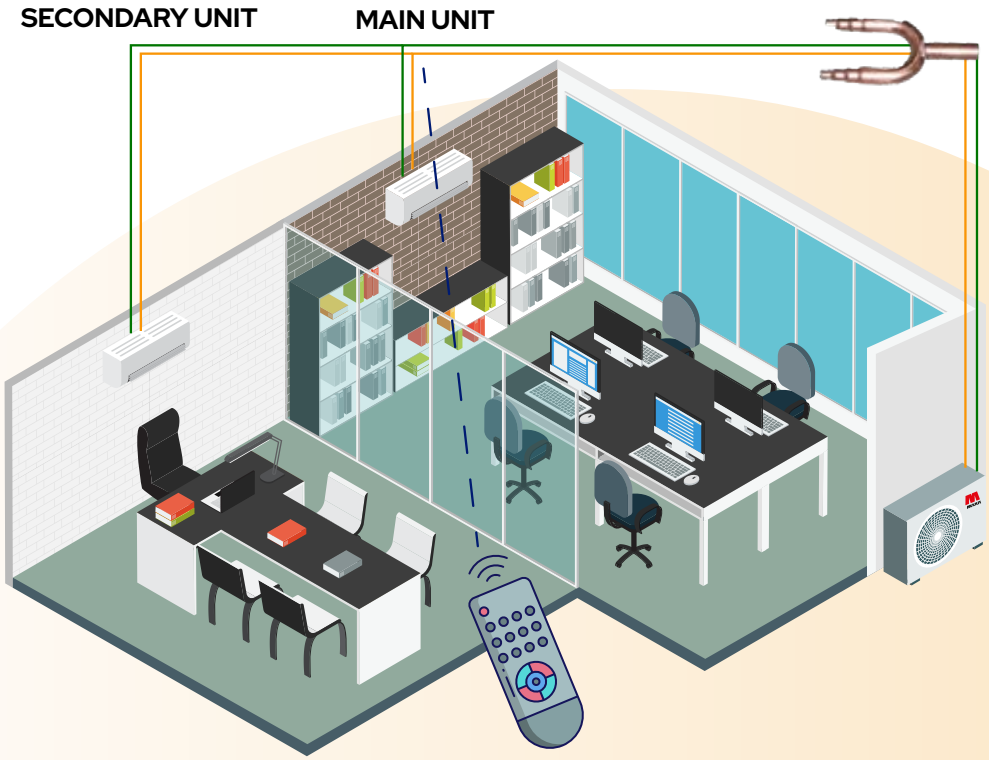
Transforms the commercial range into a Dual conditioner

Twins systems: one outdoor unit is connected with two same rating indoor units. Available for cassette, ducted and floor ceiling type.

The indoor units must be in the same ratings. The Twins System feature is optional for some models. Control rules: When a twin system is working, the controller can control only the main unit.

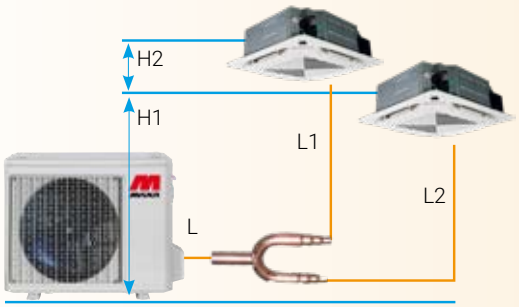
The secondary unit works in the same state as the main unit. 2 indoor units work in same state such as working mode, set temperature, fan-speed and etc.

The outdoor unit output capacity is based on the sum of both indoor unit capacity request. When the main unit stops, the secondary unit will stop as well.



Allowed combinations

Indoor unit	Outdoor unit
35 + 35	UECS71R
53 + 53	UECS105R
71 + 71	UECS130R
105 + 105	UECS176R



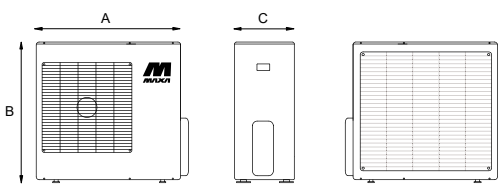
Piping lenght	Total piping lenght	35+35	25	L+MAX (L1, L2)
		53+53	30	
		71+71	50	
		105+105	50	
	Farthest distance from line pipe branch		15	L1, L2
	Farthest distance from the line pipe branch		10	L1-L2
Drop height	Drop height between indoor and outdoor unit		20	H1
	Drop height between two indoor units		0,5	H2

COMMERCIAL

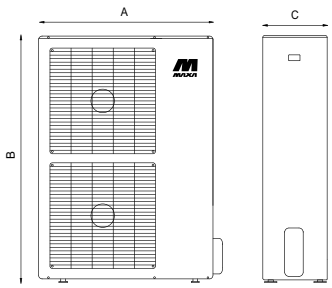
Outdoor Unit

OUTDOOR UNIT		UECS35R	UECS53R	UECS71R	UECS105R-1	UECS105R	UECS130R	UECS176R
Cooling capacity	kW	3,51	5,27	7,03	10,55	10,54	14,07	16,11
	BTU/h	12.000	18.000	24.000	36.000	36.000	48.000	55.000
Heating capacity	kW	3,80	5,56	7,62	11,72	11,72	16,12	18,17
	BTU/h	13.000	19.000	26.000	40.000	40.000	55.000	62.000
Compressor					Rotary Inverter			
Power supply	V~, Ph, Hz	230, 1, 50	230, 1, 50	230, 1, 50	230, 1, 50	380, 3, 50	380, 3, 50	380, 3, 50
Air flow	m³/h	2.200	2.100	3.500	4.000	4000	7.500	7.500
Sound power	dB(A)	53,6	59	60	63	63	63,5	64
(1) Outdoor temp.	°C (coo)	-15 / +50	-15 / +50	-15 / +50	-15 / +50	-15 / +50	-15 / +50	-15 / +50
	°C (hea)	-15 / +24	-15 / +24	-15 / +24	-15 / +24	-15 / +24	-15 / +24	-15 / +24
Piping lenght	m	25	30	50	75	75	75	75
Diff. in level	m	10	20	25	30	30	30	30
Refrigerant q.ty	R32/g	720	1150	1500	2400	2400	2900	3000
Gas pipe *	mm / inch	Φ9.53(3/8")	Φ12.7(1/2")	Φ15.9(5/8")	Φ15.9(5/8")	Φ15.9(5/8")	Φ15.9(5/8")	Φ15.9(5/8")
Liquid pipe	mm / inch	Φ6.35(1/4")	Φ6.35(1/4")	Φ9.53(3/8")	Φ9.53(3/8")	Φ9.53(3/8")	Φ9.53(3/8")	Φ9.53(3/8")
Dimensions AxBxC	mm	765x555x303	805x554x330	890x673x342	946x810x410	946x810x410	952x1.333x415	952x1.333x415
Kg	kg	26,6	32,5	43,9	80,5	66,9	103,7	107

* Please refer to the table of indoor units for the piping section
(1) Operating limits
Cooling test conditions: in 27°C d.b. / 19,5°C w.b. - out 35°C d.b. / 24°C w.b. - Heating test conditions: in 20°C d.b. - out 7°C d.b. / 6°C w.b.



UECS35R, UECS53R, UECS71R, UECS105R-1, UECS105R



UECS130R, UECS176R

COMMERCIAL

Cassette

Predisposition WiFi

Fan Motor DC

Auto Mode - Automatic season change

Condensate drain pump h max. 75 cm

Alarm signalling contact

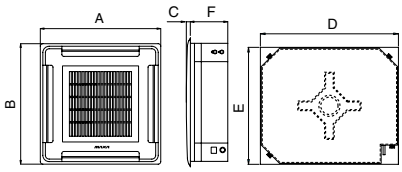
Predisposition renewal air intake

Side Air predisposition

Activation contact for renewal air

Remote on/off input

Compatible TWIN configuration



INDOOR UNIT CASSETTE		CCST35R	CCST53R	CCST71R	CCST105R (1)	CCST105R	CCST130R	CCST176R
Nominal cooling capacity	kW	3,51	5,27	7,03	10,55	10,01	14,07	15,24
	BTU/h	12.000	18.000	21.000	33.950	34.160	44.110	53.000
Power input *	kW	1,01	1,63	2,32	3,95	3,04	4,65	5,00
Absorbed current *	A	4,45	7,2	10,2	17,5	6,5	8,1	8,6
S.E.E.R.		6,6 - A++	6,3 - A++	6,2 - A++	6,7 - A++	6,7 - A++	6,1 - A++	6,3 - A++
Heating capacity	kW	3,80	5,57	7,62	11,14	11,14	16,12	18,17
	BTU/h	13.000	17.870	26.000	38.000	38.000	52.670	62.000
Power input *	kW	1,01	1,54	1,90	3,00	3,00	4,58	5,55
Absorbed current *	A	4,73	6,8	8,50	13,50	5,0	8,00	9,60
S.C.O.P. Average		4,1 - A+	4,0 - A+	4,0 - A+	4,0 - A+	4,0 - A+	4,0 - A+	4,0 - A+
S.C.O.P. Warmer		5,1 - A+++	4,8 - A++	5,1 - A+++	5,1 - A+++	5,1 - A+++	5,0 - A++	5,1 - A+++
Indoor unit power supply	V~, Ph, Hz	230, 1, 50	230, 1, 50	230, 1, 50	230, 1, 50	230, 1, 50	230, 1, 50	230, 1, 50
Air flow	m³/h	620x510x420	720x620x500	1300/1140/1000	1700/1550/1380	1700/1550/1380	1970/1780/1580	2000/1850/1650
Sound power	dB(A)	60	63	67	70	70	73	73
Piping lenght	m	≤ 25	≤ 30	≤ 50	≤ 75	≤ 75	≤ 75	≤ 75
Diff. in level	m	≤ 10	≤ 20	≤ 25	≤ 30	≤ 30	≤ 30	≤ 30
Gas pipe	mm / inch	Φ9,53(3/8")	Φ12,7(1/2")	Φ15,9(5/8")	Φ15,9(5/8")	Φ15,9(5/8")	Φ15,9(5/8")	Φ15,9(5/8")
Liquid pipe	mm / inch	Φ6,35(1/4")	Φ6,35(1/4")	Φ9.53(3/8")	Φ9.53(3/8")	Φ9.53(3/8")	Φ9.53(3/8")	Φ9.53(3/8")
Dimensions AxBxCxDxExF	mm	647x647x50x 570x570x260	647x647x50x 570x570x260	950x950x55x 830x830x205	950x950x55x 830x830x245	950x950x55x 830x830x245	950x950x55x 830x830x287	950x950x55x 830x830x287
Kg	kg	16,3	16,3	21,6	27,2	27,2	29,3	29,3

(*) Value referred to the sum of the absorptions external unit + internal unit (separate supplies)
(1) Combined with single-phase outdoor unit
Cooling test conditions: in 27°C d.b. / 19,5°C w.b. - out 35°C d.b. / 24°C w.b. - Heating test conditions: in 20°C d.b. - out 7°C d.b. / 6°C w.b.

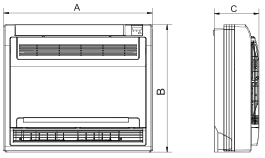
COMMERCIAL

Console

Predisposition
WiFi

Display
on board machine

Double air outlet



INDOOR UNIT CONSOLE		CONS35R
Cooling capacity	kW	3,52
	BTU/h	12.000
Power input *	kW	1,0
Absorbed current	A	4,52
S.E.E.R.		7.3 - A+
Heating capacity	kW	3,78
	BTU/h	13.000
Power input *	kW	0,98
Absorbed current	A	4,43
Indoor unit power supply	V~, Ph, Hz	230, 1, 50
S.C.O.P. Average		4.0 - A+
S.C.O.P. Warmer		5.5 - A+++
Air flow	m³/h	650/580/490
Sound power	dB(A)	54
Gas pipe	mm / inch	Φ9,53(3/8")
Liquid pipe	mm / inch	Φ6,35(1/4")
Dimensions AxBxC	mm	794x621x206
Kg	kg	14,9

(*) Value referred to the sum of the absorptions external unit + internal unit (separate supplies)
For the consumption of the system refer to the label of the outdoor
Cooling test conditions: in 27°C d.b. / 19,5°C w.b. - out 35°C d.b. / 24°C w.b. - Heating test conditions: in 20°C d.b. - out 7°C d.b. / 6°C w.b.

COMMERCIAL

Floor Ceiling

Predisposition WiFi

Flexibility of Installation

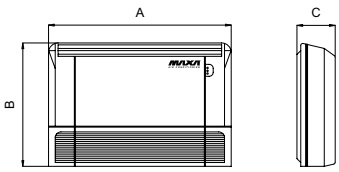
Auto Mode - Automatic season change

Alarm signalling contact

Remote on/off input

TWIN

Compatible TWIN configuration



INDOOR UNIT FLOOR CEILING		SPV53R	SPV71R	SPV105R (1)	SPV105R	SPV130R	SPV176R
Nominal cooling capacity	kW	5,27	7,03	10,55	10,55	14,07	15,83
	BTU/h	18.000	24.000	36.000	36.000	48.000	54.000
Power input *	kW	1, 45	2,30	3,90	4,00	5,00	5,65
Absorbed current *	A	6,0	10,54	17,0	6,30	8,8	9,7
S.E.E.R.		6,2 - A++	6,1 - A++	6,2 - A++	6,4 - A++	6,1 - A++	6,1 - A++
Heating capacity	kW	5,57	7,62	11,72	11,72	16,12	18,17
	BTU/h	19.000	26.000	40.000	40.000	55.000	62.000
Power input *	kW	1,50	2,05	3,35	4,0	5,5	6,2
Absorbed current *	A	6,6	9,50	15,00	5,40	8,90	10,50
S.C.O.P. Average		4,0 - A+	4,0 - A+	4,0 - A+	4,1 - A+	4,0 - A+	4,0 - A+
S.C.O.P. Warmer		5,1 - A+++	5,1 - A+++	5,1 - A+++	5,1 - A+++	5,1 - A+++	5,1 - A+++
Indoor unit power supply	V~, Ph, Hz	230, 1, 50	230, 1, 50	230, 1, 50	230, 1, 50	230, 1, 50	230, 1, 50
Air flow	m³/h	958/839/723	1192/1023/853	1955/1728/1504	1955/1728/1504	2100/1850/1600	2200/1950/1650
Sound power	dB(A)	57	55	64	64	67	67
Piping lenght	m	≤ 30	≤ 50	≤ 75	≤ 75	≤ 75	≤ 75
Diff. in level	m	≤ 20	≤ 25	≤ 30	≤ 30	≤ 30	≤ 30
Gas pipe	mm / inch	Φ12,7(1/2")	Φ15,9(5/8")	Φ15,9(5/8")	Φ15,9(5/8")	Φ15,9(5/8")	Φ15,9(5/8")
Liquid pipe	mm / inch	Φ6,35(1/4")	Φ9.53(3/8")	Φ9.53(3/8")	Φ9.53(3/8")	Φ9.53(3/8")	Φ9.53(3/8")
Dimensions AxBxC	mm	1.068x675x235	1.068x675x235	1.650x675x235	1.650x675x235	1.650x675x235	1.650x675x235
Kg	kg	28	28	41,5	41,5	41,7	42,3

(*) Value referred to the sum of the absorptions external unit + internal unit (separate supplies)
(1) Combined with single-phase outdoor unit
Cooling test conditions: in 27°C d.b. / 19,5°C w.b. - out 35°C d.b. / 24°C w.b. - Heating test conditions: in 20°C d.b. - out 7°C d.b. / 6°C w.b.

COMMERCIAL

Duct

Airset-C wired remote control with WiFi as standard

ESP Settings

Auto Mode - Automatic season change

Condensate drain pump h max. 75 cm

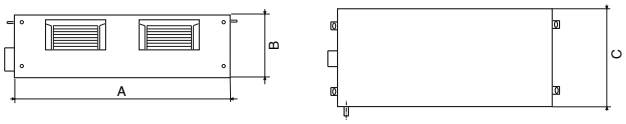
Alarm signalling contact

Predisposition renewal air intake

Activation contact for renewal air

Remote on/off input

Compatible TWIN configuration



INDOOR UNIT DUCT		DUCT35R1	DUCT53R1	DUCT71R1	DUCT105R1 (1)	DUCT105R1	DUCT130R1	DUCT176R1
Nominal cooling capacity	kW	3,51	5,27	7,03	10,55	10,55	14,07	15,24
	BTU/h	12,000	18.000	24.000	36.000	36.000	48.000	52.000
Power input *	kW	1,05	1,53	2,19	3,95	4,0	4,8	5,2
Absorbed current *	A	4,75	7,1	10,20	17,50	6,50	8,40	9,60
S.E.E.R.		6,3 - A++	6,5 - A++	6,2 - A++	6,2 - A++	6,1 - A++	6,1 - A++	6,1 - A++
Heating capacity	kW	3,81	5,57	7,62	11,72	11,72	16,12	18,17
	BTU/h	13,000	19.000	26.000	40.000	38.360	51.280	57.430
Power input *	kW	1,03	1,51	1,90	3,25	3,25	4,50	5,15
Absorbed current *	A	4,52	6,8	9,2	14,5	5,3	8,0	9,5
S.C.O.P. Average		4,0 - A+	4,0 - A+	4,0 - A+	4,0 - A+	4,0 - A+	4,0 - A+	4,0 - A+
S.C.O.P. Warmer		5,1 - A+++	5,1 - A+++	5,1 - A+++	5,1 - A+++	5,1 - A+++	5,0 - A++	5,1 - A+++
Indoor unit power supply	V~, Ph, Hz	230, 1, 50	230, 1, 50	230, 1, 50	230, 1, 50	230, 1, 50	230, 1, 50	230, 1, 50
Air flow	m³/h	600/480/300	911/706.3/515.2	1229/1035/825.1	2100/1800/1500	2100/1800/1500	2400/2040/1680	2600/2210/1820
(1) Ext. Static pressure	Pa	0 - 60	0 - 100	0-160	0-160	0-160	0-160	0-160
Sound power	dB(A)	61	65	67	70	70	73	74
Piping lenght	m	≤ 25	≤ 30	≤ 50	≤ 75	≤ 75	≤ 75	≤ 75
Diff. in level	m	≤ 10	≤ 20	≤ 25	≤ 30	≤ 30	≤ 30	≤ 30
Gas pipe	mm / inch	Φ9.53(3/8")	Φ12,7(1/2")	Φ15,9(5/8")	Φ15,9(5/8")	Φ15,9(5/8")	Φ15,9(5/8")	Φ15,9(5/8")
Liquid pipe	mm / inch	Φ6.35(1/4")	Φ6.35(1/4")	Φ9.53(3/8")	Φ9.53(3/8")	Φ9.53(3/8")	Φ9.53(3/8")	Φ9.53(3/8")
Dimensions AxBxC	mm	700x200x506	880x210x674	1.100x249x774	1.360x249x774	1.360x249x774	1.200x300x874	1.200x300x874
Kg	kg	17,8	24,4	32,3	40,5	40,5	47,6	47,4

(*) Value referred to the sum of the absorptions external unit + internal unit (separate supplies)
(1) Combined with single-phase outdoor unit
(1) Value at nominal air capacity, considering only the pressure drop caused by the coil
Cooling test conditions: in 27°C d.b. / 19,5°C w.b. - out 35°C d.b. / 24°C w.b. - Heating test conditions: in 20°C d.b. - out 7°C d.b. / 6°C w.b.

COMMERCIAL

Floor Standing

Display
on board machine

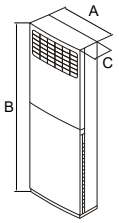
Automatic opening panel

All functions are controllable on board machine

Dehumidification mode

Cooling mode

Heating mode



INDOOR UNIT FLOOR STANDING		CLN130R
Nominal cooling capacity	kW	14,06
	KBTU/h	48.000
Power input *	W	4,95
Absorbed current	A	8,00
S.E.E.R.		6,1 - A++
Heating capacity *	kW	16,11
	KBTU/h	55.000
Power input *	kW	5,10
Absorbed current *	A	8,5
S.C.O.P. Average		4,0 - A+
Indoor unit power supply	V~,Ph,Hz	230, 1, 50
Air flow	m³/h	2413/2222/2027
Sound power level	dB(A)	67
Gas pipe	mm / inch	Φ15,9(5/8")
Liquid pipe	mm / inch	Φ9.53(3/8")
Dimensions AxBxC	mm	629x1935x456
Kg	kg	59

* Value referred to the sum of the absorptions external unit + internal unit (separate supplies)
Cooling test conditions: in 27°C d.b. / 19,5°C w.b. - out 35°C d.b. / 24°C w.b. - Heating test conditions: in 20°C d.b. - out 7°C d.b. / 6°C w.b.

Commercial range controllers and accessories

CODE		
AIRSET-C		Wi-Fi touch remote control for wall installation for commercial series units (No Floor standing)
Smart port		Wi-Fi control with smartphone or pad for R32 commercial series. App suitable for both Android and iOS system. All basic functions. Senior functions such as weekly timer, customized sleep curve and self-check.
RFTD-01D		Branch pipe to trasform a cassette, floor ceiling or ducted type air conditioneer into a Twin system (n°2 indoor units master&slave + n°1 outdoor unit)

Accessori canalizzabili

Air outlet plenum

Complete with oval connections made of PVC, with external insulation and elastic sheath for the junction to the ventilating unit. The use of PVC ensures the best quality of air combined with the extreme lightness and long lasting.

Model with duct connection	N° of collars and diameter	Dimensions (mm)
PMC35 Plenum per CADS35R/DUCT35R1	2x160 mm	537 x 152
PMC53 Plenum per CADS53R/DUCT53R1	2x200 mm	706 x 136
PMC71 Plenum per CADS71R/DUCT71R1	3x160 mm	926 x 175
PMC105 Plenum per CADS105R/DUCT105R1	3x200 mm	1186 x 175
PMC140 Plenum per CAD140R/DUCT130R1	4x200 mm	1044 x 227
PMC176 Plenum per CAD176R/DUCT176R1	4x200 mm	1044 x 227

Air intake grid

Recovery grid in PVC profile complete with frame and magnets filter.

Model	Dimensions (mm)
GR-1	600 x 300
GR-2	800 x 300
GR-3	800 x 400

Air intake plenum with zone control

Complete of oval connections made of PVC, with insulation external and elastic sheath for the joint to the ventilating unit. The use of PVC ensures the best quality of air combined with the extreme lightness and long lasting. Equipped with practical kit of thermoregulation complete with motorized dampers already installed, the power module evolved from 2 to 6 zones, 12V power supply, already wired.
The control system of each zone can be controlled by an existing room thermostat, or chosen among the many available on the market and compatible with any model. The thermostat, by means of the connection to the regulation card, controls the regulation damper. An automatic by-pass compensates for the counter-pressures generated by closing the control dampers. When no need for heating / cooling, the system switches off the air conditioning unit. On the contrary, as soon as any zone is activated by its thermostat, the system immediately activates the air condition-ing unit.

Model with duct connection	N° of collars and diameter	Dimensions (mm)
PMZ35 Plenum per CADS35R/DUCT35R1	2x160 mm	537 x 152 mm
PMZ53 Plenum per CADS53R/DUCT53R1	2x200 mm	706 x 136 mm
PMZ71 Plenum per CADS71R/DUCT71R1	3x160 mm	926 x 175 mm
PMZ105 Plenum per CADS105R/DUCT105R1	3x200 mm	1186 x 175 mm
PMZ140 Plenum per CAD140R/DUCT130R1	4x200 mm	1044 x 227 mm
PMZ176 Plenum per CAD176R/DUCT176R1	4x200 mm	1044 x 227 mm

Legend


Multi speeds


Super Slim

Super DC Inverter


Filter cleaning monitor


Auto swing

Flusso a 360°

Digital Scroll


Catechin filter


Lock Function


Optical detector


Inverter pump


Formaldehyde filter

Timer


Hot gas valve


Class A Pump


Filter changed monitor

Dc Inverter


Electric heater

HP Scroll

Plasma Filter


Low temperature work


Self-diagnosis


Shell and tube


Self-cleaning function


Low noise fan

Hight EER


Plate

Refrigerant


Installations view

WiFi


Rotary

Refrigerant

Three BLDC motors


Follow-me function


DC Compressor

Refrigerant

Hight COP

Turbo mode

Working logic

Refrigerant


Sleep mode


Hydrophilic aluminium fin

EVI Scroll

Energy class


Odor & dust sensor


Anti-rust cabinet


Screw

While stock lasts


On-Off


3-Way valve


Scroll Compressor

Hot water up to 40°C

Led display


Hot Sanitary Water


Radial


Build-in Drain water pump

Digital signal processing

Built In Hydronic Group


Variable rotation pump

Water condensed available

Autorestart


Reciprocating compressor


Silver Ions & Bio Filter

Solar Ready

New V415 control


Recyclable material


Steam injection technology

Photovoltaic predisposition

Predisposition for Twin system

Super Ionizer function

Silver Ion filter

5 years compressor warranty

Note

Price list
Scan the QR with
your smartphone

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