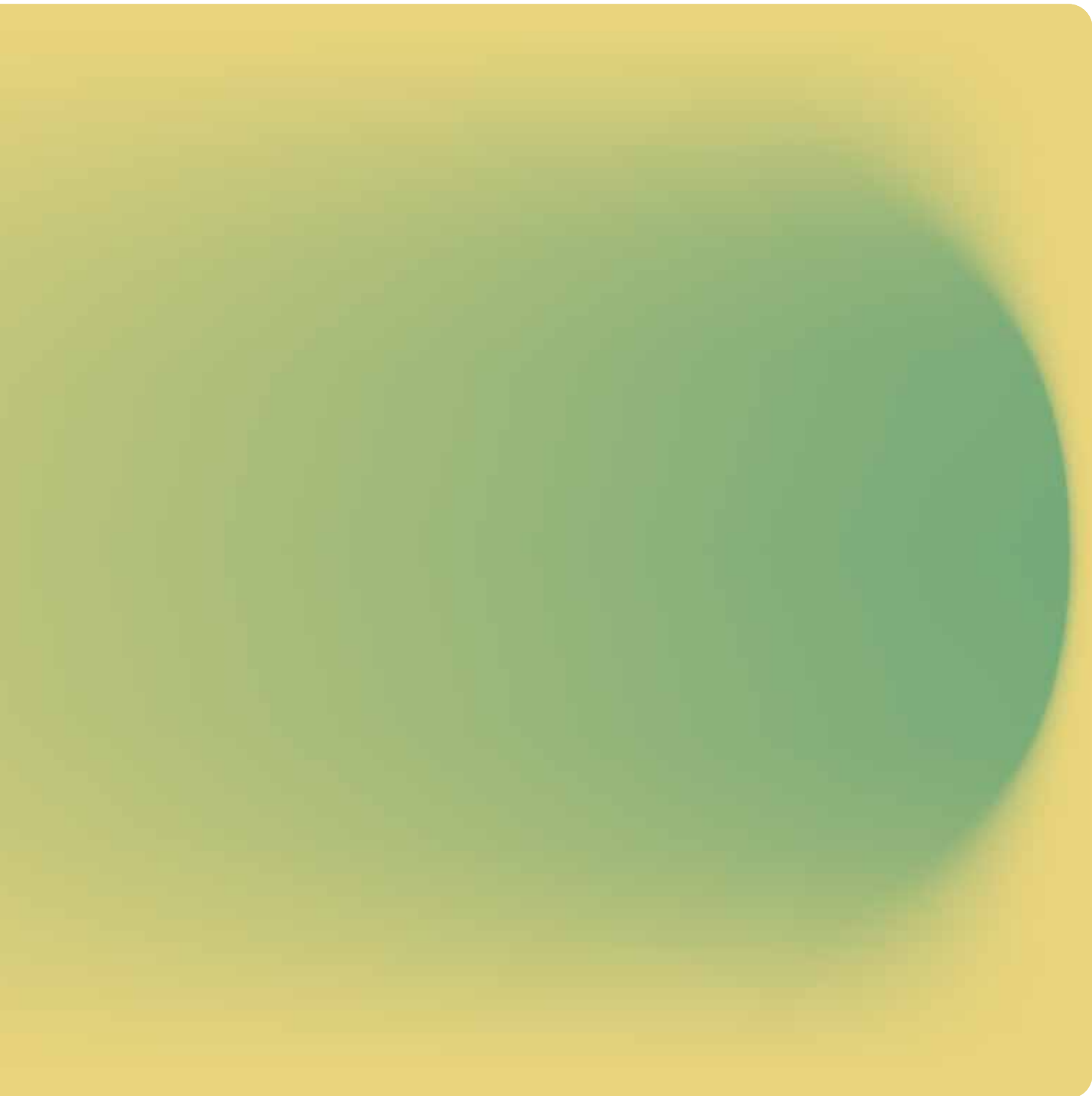




SPLIT

Guide 2026
Products and Systems

Contents

CLIVET

SINGLE Split

MULTISplit

LIGHT COMMERCIAL

ACCESSORIES/CONTROL SYSTEMS COMBINATIONS

DIMENSIONAL DRAWINGS

This document is printed every year and presents all Clivet's products with the aim of providing a basis for decisions and evaluations.

More detailed information, updated regularly, is available in the "PRODUCTS" area at www.clivet.com and on Clivet Apps, where they can be downloaded free of charge.

Clivet

53.500 m²

Of plants between Feltre (Belluno) and Verona (AHU production)

8

Branches: Great Britain, Germany, India, Russia, UAE, China, Balkans and France

1000+

employees in Italy and abroad

2023

The first sustainability report

Sales

100+

countries we export to

700+

Professionals worldwide

- Sales network
- Distributors and wholesalers
- Installers
- Service Centres

Midea

2016

STRATEGIC ALLIANCE WITH MIDEA GROUP

2024

Midea Group
53,12 BN € of Midea Turnover
277 Fortune Global 500

MBT Climate

2025

MBT Climate, the European umbrella organisation of Midea Building Technologies (MBT), is born



Everything we do, we do
because we believe that a
comfortable world
is a free world.

We create spaces where people can truly
feel free
at home, at work, everywhere.

Our HVAC solutions deliver seamless
comfort, so natural it disappears. You're left
free to focus, create, and simply be.

Because when you're comfortable you're
free.
And that's everything.



Our vision

Comfort for the planet
and people.



Our mission

Blending natural comfort
into life through innovation.

How do our solutions create natural comfort?

They respect the environment, being designed for purity and minimal impact.

They fit everywhere, integrating easily into any context.

They are simple by nature, combining intuitive comfort and maximum ease of use.

They are designed for maximum efficiency, optimising performance and reducing consumption.

The values that guide us

We're life-friendly above all else.

We listen, collaborate, and design thoughtful solutions that generate value and meet people's needs across our entire ecosystem.

We honour our roots and lead by example.

We view our origins and local values as unique strengths that we will always uphold.

Led by ambition, anchored in integrity.

A strong ambition for innovation and growth drives us without compromising our values.

Strive for efficiency to provide simplicity.

We believe that efficiency is key to making life easier and more viable.

Technologies for a complete proposal

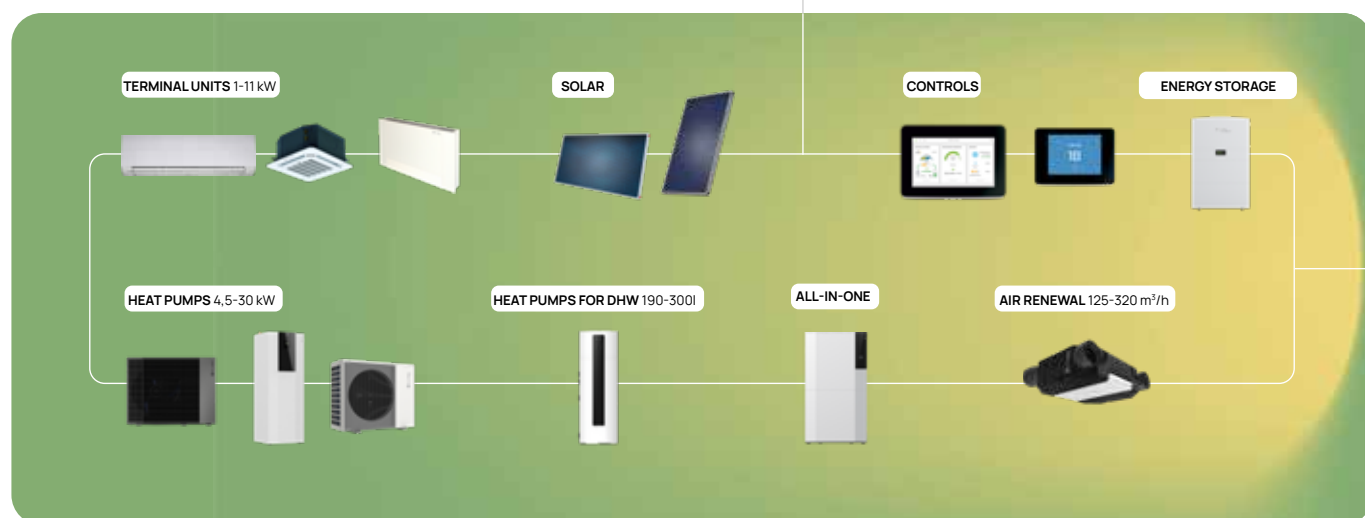
Heating, cooling, air renewal and domestic hot water production

APPLIED

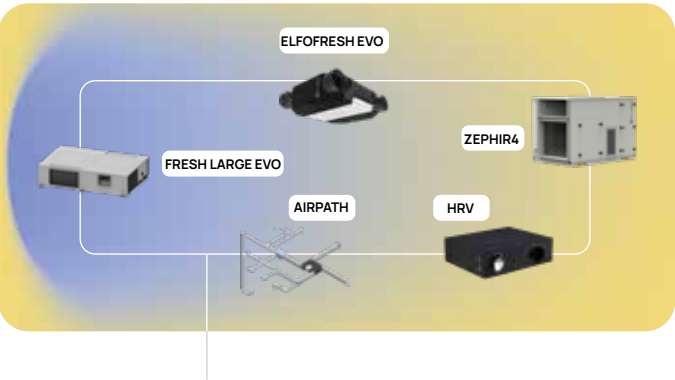


Hydronic

HOME



AIR RENEWAL



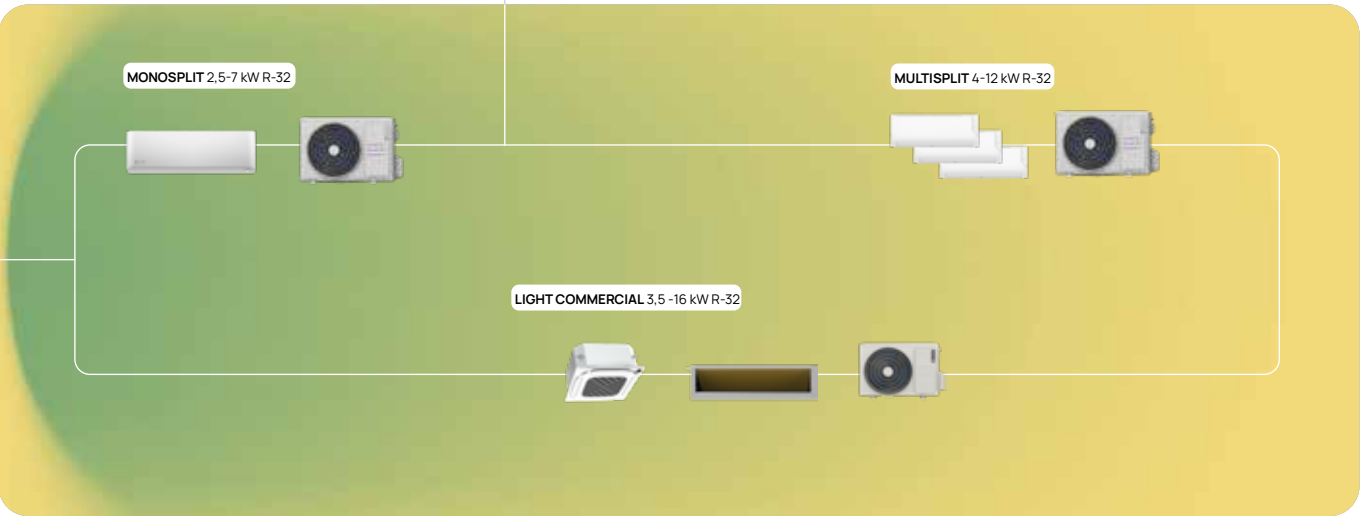
DIGITAL SOLUTION



VRF



SPLIT



Direct expansion

Available only in some countries: please check with our sales team if Clivet direct expansion VRF and SPLIT systems are available in your country.



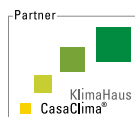
They optimise the solution based on the needs of the various applications and integrate it in specialised products and in complete dedicated systems:



With the aim of providing Customer satisfaction, Clivet S.p.A. has supplemented and certified its Quality, Environment and Safety Management Systems, in accordance with the ISO 9001, ISO 14001 and ISO 45001 International Standards.



Clivet is committed in promoting the green building principles and has become a member of GBC Italia. This organization collaborates with GBC Italia,, the U.S. nonprofit organization that promotes worldwide the LEED® system of independent certification.



In 2015, Clivet became a partner of CasaClima, as a result, Clivet is now part of a network of companies renowned for their technical expertise and constant focus on sustainable home management.
Where applicable.

1.4 Certifications



KEYMARK is a mark recognized in many European countries for the provision of incentives for the installation of heat pumps for room heating and the production of domestic hot water. The countries that recognize the mark and the Certified Products are available on <https://keymark.eu/en/products/heatpumps/heat-pumps> Where applicable.



Clivet participates in the EUROVENT "Liquid Chilling Packages and Hydronic Heat Pumps", "Rooftops", "Air Handling Units", "Fan Coil Units" and "VRF" Certification programmes. The products concerned feature in the EUROVENT guide to certified products and on the website www.eurovent-certification.com. The programmes cover up to the limits set by the purpose of each programme. Where applicable.



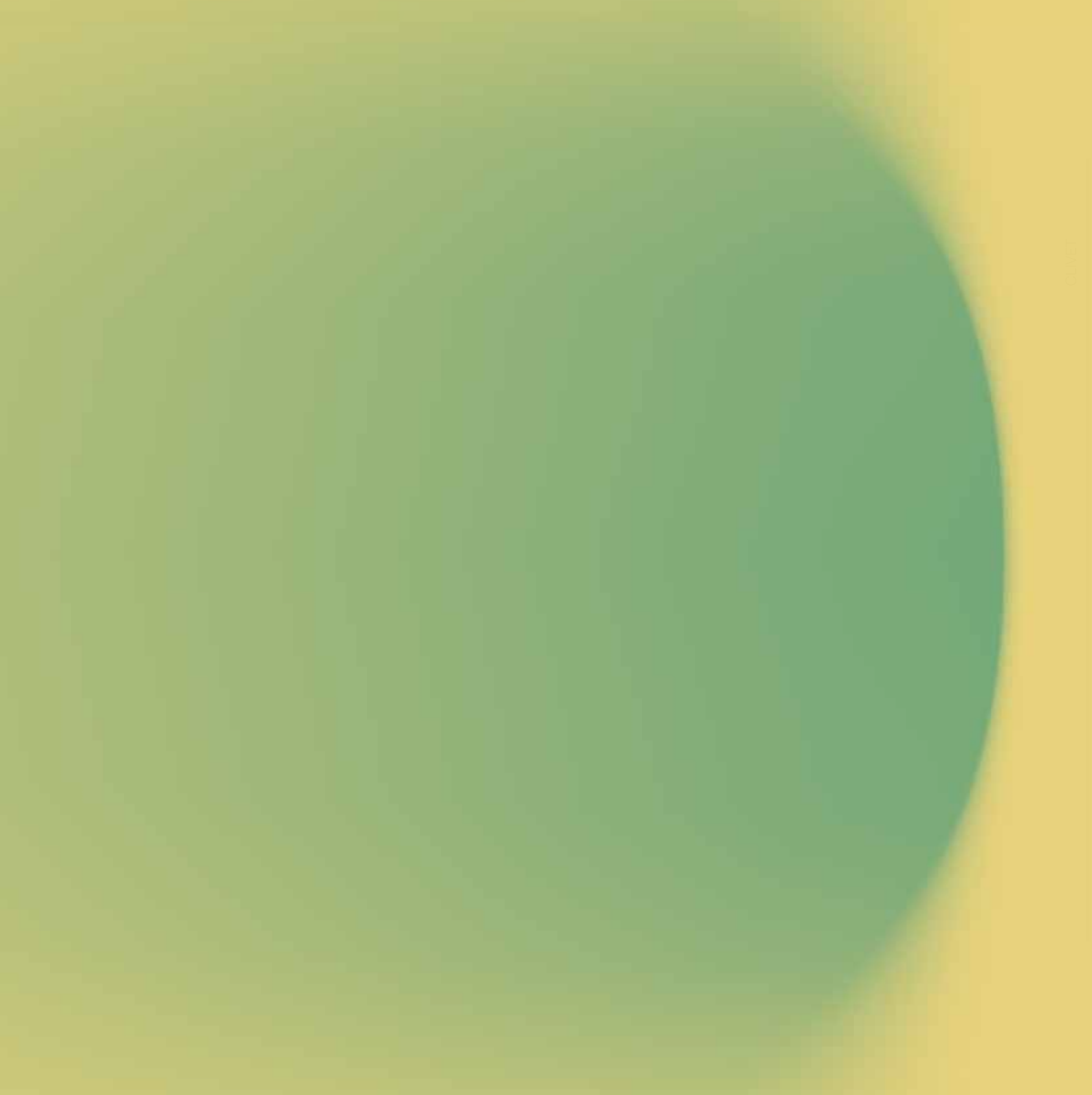
The wide range of Clivet products and complete systems comply with the requirements of the implementing measures for ErP (Energy related Products) Directives 2009/125/EC (Eco-design) and 2010/30/EU (Energy labelling), whose purpose is to reduce the energy consumption of products for heating, cooling, ventilation and hot water production, encouraging the user towards energy-efficient choices.

Directives 2009/125/EC and 2010/30/EU include the following Regulations: (EU) 206/2012, (EU) 626/2011; (EU) 811/2013, (EU) 812/2013, (EU) 813/2013, (EU) 814/2013; (EU) 1253/2014, (EU) 1254/2014; (EU) 2016/2281.



Clivet is involved in the BEYOND GREEN project to promote sustainability and the circular economy together with the other members of SAFE, the consortium system for the circular economy which works to raise public awareness regarding environmental issues, management and valorisation waste, education and training on environmental protection, research on environmental protection.





Split

3.1 Choose the right system

SPLIT systems are synonymous of comfort, performance and elegance. In order to make the best use of them, it is important to select the capacity of the air conditioner according to the room in which it will be installed.

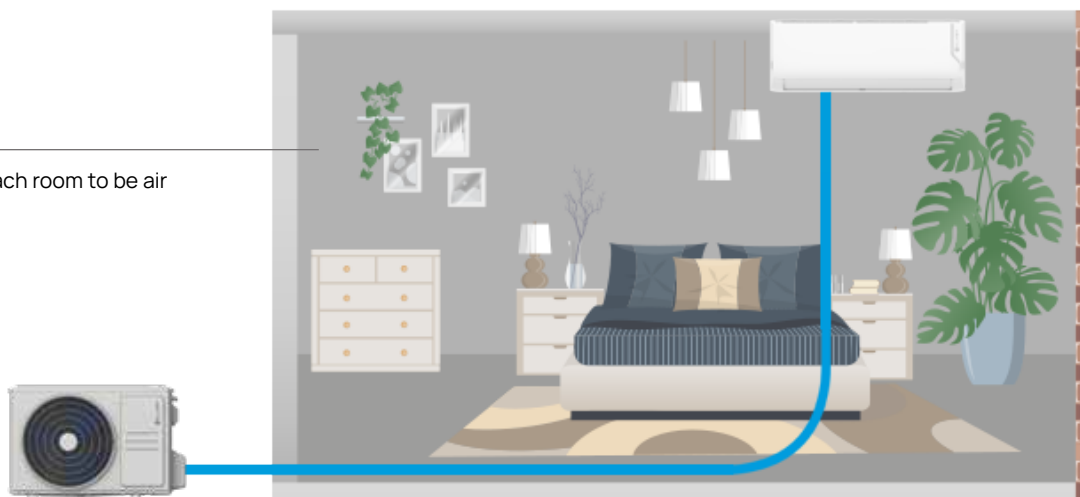
An oversized system does not guarantee a uniform temperature or a good dehumidification and operates inefficiently by alternating continuous start/stop, wearing out quickly.

An undersized system cannot meet the comfort requirements, has a bad performance and always works at 100%.

An indicative sizing of the system can be done in this way:

Single Split / Light Commercial

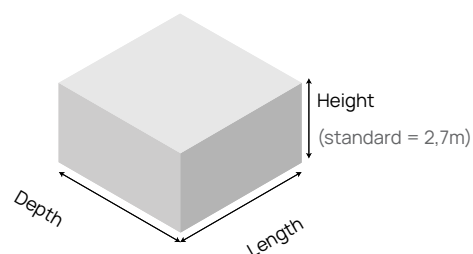
One outdoor unit for each room to be air conditioned.



Required capacity [W] = Room volume [m³] x 40/1.000

NOTE:

choose the size of the system with the maximum capacity greater than the required capacity.



Room volume = length x depth x height

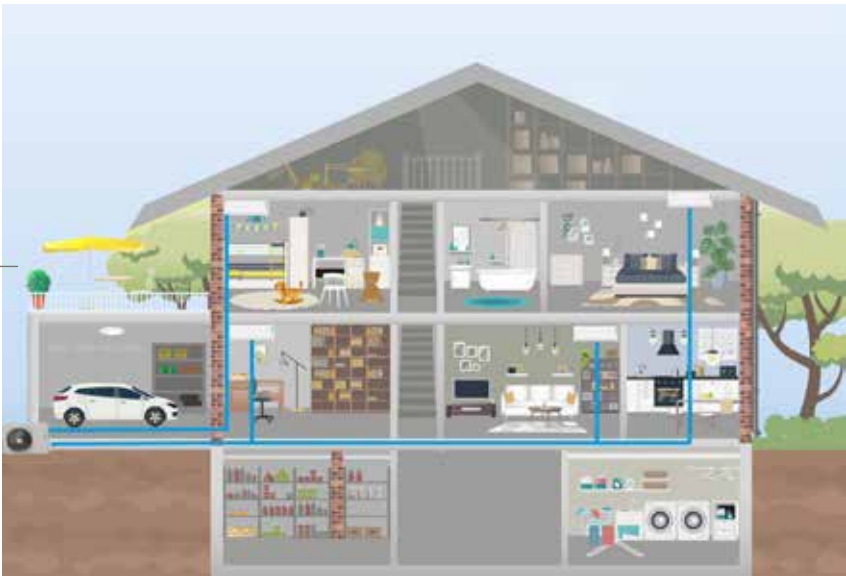
Typical rooms (example with CRISTALLO2):

Room	Surface [m²]	Volume [m³]	Required C [kW]	Size
Dining room	35	94,5	3,78	35M
Living room	50	135	5,40	53M
Room	25	67,5	2,70	27M

Version				Capacity and Efficiency						Energy class	
Set	Unit	Code	Power supply	Cooling		SEER	Heating		SCOP	Cooling	Heating
				kW	Btu/h		kW	Btu/h			
27M	IDU	IMA1-Y 27M	89682314	230/1/50	2,64 (1,03+3,22)	9.000 (3.500+11.000)	8,80	2,64 (1,03+3,22)	9.000 (3.500+11.000)	4,50	A+++ A++ A+ A D
	ODU	MMA1-Y 27M	89682319	230/1/50							A+++ A++ A+ A D

MULTISplit

Space-saving solution ideal for air conditioning multiple rooms.



- Choose how many rooms need air conditioning: number of outdoor unit connections
- For each room: Required power [W] = Room volume [m³] x 40/1.000
- Choose the size of the outdoor unit (ODU): sum of the required capacities of each air-conditioned room at the same time

Application examples:

- Rooms to be air-conditioned: 4 = outdoor unit with at least 4 connections
- Calculation of the required capacity for each room

Area	Room	Surface [m²]	Volume [m³]	Required C [kW]	Size (IDU)
Sleeping area	Room	25	67,5	2,70	27M
	Studio	20	54	2,16	20M
Day area	Dining room	35	94,5	3,78	35M
	Living room	50	135	5,40	53M
				tot 11,34 kW	

Version			Capacity				Energy class
Set	Code	Connectable Indoor Units	Cooling		Heating		Cooling/Heating
			kW	Btu/h	kW	Btu/h	
MU2-Y 105M	89112261	QUADRI (1+4)	10,5 (21+10,5)	36.000 (7.000+36.000)	10,8 (2,3+11,1)	37.000 (8.000+38.000)	

Selection of outdoor unit:
Required capacity = 2,160 + 3,780 + 5,400 (rooms of the day area to be air-conditioned at the same time) = 11,340 W.
The best choice is the MU1-Y 105M unit.

ENERGY SAVING

1W Stand-by (Single Split IDU)



The consumption in stand-by mode of electrical equipment can total up to 10% of the energy bill and causes an increase in CO₂ emissions. The wall-mounted indoor units boast the 1 W Stand-by technology, which reduces wastages down to ~80%, well below the average for products on the market.

Sleep



The Sleep function allows to save energy during the night:

COOLING: the set temperature increases by 1°C/h for 2 hours and the fan of the indoor unit is set at low speed.

HEATING: the set temperature decreases by 1°C/h for 2 hours and the fan of the indoor unit is set at low speed.

Note: the Sleep function terminates 7 hours after its activation and the unit switches off.

The Sleep function allows to save energy during the night:

ECO/Gear



ECO/Gear is an energy saving function that allows the user to set standard operation profiles, reducing the unit's capacity to standard profiles of 100% / 75% / 50% / ECO.

The ECO profile in particular sets an operating cycle of 8 hours with extremely low consumption, particularly suitable when out of the house or at night.

Comfort

Follow Me



The remote control and the wired control have an integrated temperature sensor that measures the surrounding temperature. The Follow Me function manages the operation of the air conditioning unit by adjusting it with this set-point, monitoring the indoor temperature more accurately and guaranteeing improved comfort.

Follow Me function can be activated from a standard control.

Turbo



Turbo function can boost cooling or heating speed in a short period, and makes the room cool down or heat up rapidly.

The Turbo function can be activated from a standard control.

Mute Operation



The Mute Operation function enables you to optimally enjoy your moments of relax without having to interrupt your beauty sleep, by deactivating the buzzers and dimming the luminous display.

The Mute Operation function can be activated from the standard control by pressing the LED button.

Anti cold air



When the unit is set to Heating, the logic does a temperature check of the indoor exchanger before activation. The indoor unit's fan is activated only when it detects that the exchanger is hot enough not to cause cold air to spread.



Stepless Indoor Fan Speed / 12 Grades Speed

The stepless indoor fan speed allows the user to set a speed from one to 6 standard speeds (1% / 20% / 40% / 60% / 80% / 100%) or, by holding down the button on the remote control, change the speed in steps of 1%.

The 12-speed fan allows the user to set one speed among the 3 standard ones (High / Medium / Low). Each of these, depending on how far you are from the set temperature, has 3 sub-speed settings that the unit adjusts itself.

In addition to the standard speeds described and AUTO mode, the unit also independently manages profiles dedicated to Turbo, Silent and Anti-Cold Air modes.



Multidirectional airflow

The air conditioning unit can distribute the flow of air in multiple directions: to better direct the flow within the room, it electronically adjusts the direction of the slats both horizontally and vertically.

The standard control can be used to easily set the desired louver position.

RELIABILITY



Refrigerant Leakage Alarm

The units are equipped with an automatic system to protect the compressor that detects possible refrigerant leakages, and automatically switches off the system in case of anomalies.

Note: The indoor unit's display presents the corresponding error code, so as to facilitate and speed-up the maintenance intervention.



Emergency Function

The Emergency using allows the system to continue operating even when an internal sensor has failed: the unit shows the error code on the display, but continues in an emergency operating mode before stopping.



Technical room conditioning

The air conditioning units are also able to satisfy the needs of technical rooms, thanks to the possibility of operating in cooling mode even with low outdoor temperatures, in other words, up to -15°C and 50°C.

N.B.: the set-point temperatures that can be selected through the remote control range between 17°C to 30°C. If the applications require other values, the remote ON/OFF function can be used.

HEALTH

High Density filter

The high-density filter allows for removing up to 80% of dust and pollen: this makes it far more effective compared to traditional dust filters.



i-clean

Dries and cleans the exchanger of the indoor unit, preventing the formation of mould or the emission of unpleasant odours into the environment.

The cycle includes:

Cooling until ice forms on the exchanger (17 minutes)

Heating to defrost the exchanger (6 minutes)

Ventilation to dry the exchanger (7 minutes)



CONVENIENCE

Control systems

Besides the standard remote control the units can be managed with devices designed to satisfy any need:

- Wired control per single unit
- Wired centraliser, capable of managing up to 64 indoor units with a weekly scheduler
- Data converter, capable of managing up to 64 indoor units via Cloud
- Gateways, which allow for inserting the systems in BMS management software



Auto-restart

When the power fails, the unit keeps the last settings in memory and resumes operation in the same way when restored.



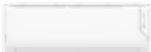
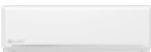
3.3 The Clivet range

MONOSplit

	Name	Type	Serie	Class	Size	27M	35M	53M	70M
					Btu/h kW	9.000 2,70	12.000 3,50	18.000 5,30	24.000 7,00
	CERVINO	Wall	IEA1-P MEA1-P			✓	✓		
	STELVIO	Wall	IH2-Y MH2-Y			✓	✓		
	CRISTALLO 2	Wall	IMA1-Y MMA1-Y			✓	✓	✓	✓
	EZCOOL	Wall	ILA1-Y MLA1-Y			✓	✓	✓	✓

All units are supplied with standard remote control

Indoor unit MULTISplit

	Name	Type	Serie	Size	27M	35M	53M	70M
				Btu/h kW	9.000 2,70	12.000 3,50	18.000 5,30	24.000 7,00
	CRISTALLO 2	Wall	IMA1-Y		✓	✓	✓	✓
	EZCOOL	Wall	ILA1-Y		✓	✓	✓	✓
	COMPACT 4-WAY CASSETTE	Cassette 620x620	IBA1-Y		✓	✓	✓	
	DUCT 3	Ductable	IDA1-Y		✓	✓	✓	✓
	CONSOLE 3	Console	IC3-Y		✓	✓	✓	
	CEILING & FLOOR 2	Ceiling/Floor	IF3-XY				✓	

All units are supplied with standard remote control

3.3 The Clivet range

Outdoor unit MULTISplit

Name	Type	Class	Connectable Indoor Units	Size	41M	53M	53M-3	61M	79M	82M	105M	125M
				Btu/h kW	14.000 4,10	18.000 5,30	18.000 5,30	21.000 6,20	27.000 7,90	28.000 8,20	36.000 10,5	42.000 12,3
	ODU-SM 2 MU2-Y		(2) Dual (1+2)		✓	✓						
												
			(3) Triple (1+3)				✓	✓	✓			
												
			(4) Quadri (1+4)							✓	✓	
												
			(5) Penta (1+5)									✓

Light Commercial

Name	Type	Serie	Class	Size	35M	53M	70M	88M	105M 105T	120M	140T	160T
				Btu/h kW	12.000 3,5	18.000 5,30	24.000 7,00	30.000 8,80	36.000 10,5	42.000 12,0	48.000 14,0	55.000 16,0
	COMPACT 4-WAY CASSETTE	Cassette 620x620	IBA1-Y MC3-Y	 	SINGLE	SINGLE						
	BOX 2 950x950	Cassette 950x950	IA3-XY MC3-Y MC4-Y	  			SINGLE TWIN	SINGLE TWIN	SINGLE	SINGLE	SINGLE	SINGLE
	DUCT 3	Ductable	IDA1-Y MC3-Y MC4-Y	  	SINGLE TWIN	SINGLE TWIN	SINGLE TWIN	SINGLE TWIN	SINGLE	SINGLE	SINGLE	SINGLE
	CONSOLE 3	Console	IC3-Y MC3-Y	 	SINGLE	SINGLE						
	CEILING & FLOOR 2	Ceiling/ Floor	IF3-XY MC3-Y MC4-Y	  		SINGLE TWIN	SINGLE TWIN		SINGLE		SINGLE	SINGLE

MONOSplit



4.1 MONOSplit



CERVINO



STELVIO



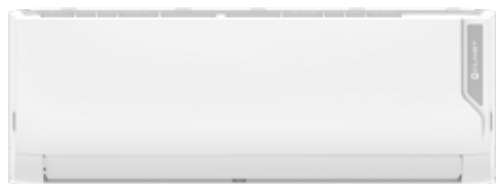
CRISTALLO 2



EZCOOL

CERVINO

SINGLE Split with hiwall indoor unit



Product information



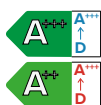
Wi-Fi Ready



Control System



21 dB(A)



Energy saving



1W Standby



Sleep



Gear

Convenience



Control Wi-Fi



Auto-restart



Voice control compatible

Comfort



Super Silent



Stepless Indoor Fan Speed



Anti-cold air



Multi-directional airflow



Breeze away



Follow me

Reliability



Self-diagnosis Function



Emergency Function



Opposite fan rotation

HEALTH



High Density filter



Purification filter



Self-Cleaning

Optional



Wired controller



Centralised control



BMS Communication



Remote On/Off

- ✓ R290 technology: combining high performance with maximum respect for the environment
- ✓ ALTODesign panel with strong but elegant lines, matt finish with contrasting logo
- ✓ Smart management as standard: via smartphone with the NetHome Plus App and voice control setup with Amazon Alexa and Google Assistant

Refrigerant piping and connections

Set			27M	35M
Max equivalent length		m	25	25
Max difference in level ODU / IDU		m	±10	±10
Refrigerant precharge		kg / m	0,90 / 5	0,90 / 5
External diameters	Liquid	mm / inch	Ø6,35 - 1/4"	Ø6,35 - 1/4"
	Gas	mm / inch	Ø9,52 - 3/8"	Ø9,52 - 3/8"

Electrical connections

Set			27M	35M
ODU	Power supply	V/Hz/n°	230 / 50 / 1	230 / 50 / 1
		no. of cables	2 + G	2 + G
IDU	Power supply	V/Hz/n°	230 / 50 / 1	230 / 50 / 1
		no. of cables	2 + G	2 + G
	Signal	no. of cables	2	2

Multidirectional airflow

The air conditioner can distribute the air flow in multiple directions to better direct the flow within the room.
In fact, it electronically regulates the direction of the fins both horizontally and vertically.
THE standard control can be used to easily set the desired louvers position.

For the future

CERVINO is the split designed with the environment and the future in mind.

The R290 refrigerant is in fact a natural gas with excellent thermodynamic properties and already complies with the most stringent European regulatory developments.

This technology makes it possible to respect the environment and achieve performance that guarantees optimum comfort.



MONOSPLIT

Follow-Me

The system gives priority to the temperature sensor in the remote control and adjusts itself accordingly.



Accessories

Standard

RG10A-D2S-BGEF	Infrared remote control for CERVINO / CRISTALLO 2 / EZCOOL / BOX 2 / CONSOLE 3 / DUCT 3 / C&F 2 indoor unit
NWMX	Wi-Fi kit for indoor units

Optionals

MKSS2X	Multifunction board that makes the indoor unit available for Remote ON / OFF, Alarm port and XYE Port (required for connection of Wired controller, Centralized wired controller, Data Converter, BMS Gateway) The ON-OFF/Alarm/XYE/Wi-Fi port functions can be used simultaneously
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Control Systems (see dedicated section)

Technical data

Wi-Fi NWMX
(standard)WIRED REMOTE CON-
TROL
KJR-120N-12V
(optional)
(necessary kit MKSS2X)WIRED REMOTE CON-
TROL
KJR-120X2-TFBG-E
(optional)
(necessary kit MKSS2X)REMOTE CONTROL
RG10A-D2S-BGEF
(standard)

IEA1-P



MEA1-P

Set		27M		35M	
Cooling capacity	Nominal (Min.+Max.)	Btu/h	9.000 (3.500+11.000)	12.000 (4.700+14.700)	
	Nominal (Min.+Max.)	kW	2,64 (1,03+3,22)	3,52 (1,38+4,31)	
Heating capacity	Nominal (Min.+Max.)	Btu/h	11.000 (3.600+13.000)	11.500 (3.600+15.000)	
	Nominal (Min.+Max.)	kW	3,22 (1,067+3,81)	3,37 (1,07+4,38)	
Standard power supply	Cooling (Min.+Max.)	W	659 (80+1.100)	977 (130+1.650)	
	Heating (Min.+Max.)	W	848 (160+1.350)	899 (160+1.560)	
Rated current input	Cooling (Min.+Max.)	A	2,87 (0,35+4,78)	4,24 (0,60+7,20)	
	Heating (Min.+Max.)	A	3,69 (0,70+5,90)	3,91 (0,70+6,80)	
Seasonal efficiency ¹	Cooling	Energy class	-	A+++	A+++
		Design load (Pdesign)	kW	2,60	3,50
		SEER	-	8,80	8,50
		Annual energy consumption	kWh/a	103	144
	Heating Average season	Energy class	-	A++	A++
		Design load (Pdesign)	kW	2,50	2,50
		SCOP	-	4,60	4,60
		Annual energy consumption	kWh/a	761	761
	Heating Warmer season	Energy class	-	A++	A++
		SCOP	-	5,10	5,10
Standard efficiency ²	EER	-	4,00	3,60	
	COP	-	3,80	3,75	

Indoor unit		IEA1-P		27M		35M	
Code				88672392		89692303	
Dimensions	Unit	L x D x H	mm	802x200x295		802x200x295	
	Packaging	L x D x H	mm	875x285x380		875x285x380	
Weight	Unit/Packaging		kg	8,4/11,1		8,4/11,1	
Air filter	Type		-	PUF		PUF	
Airflow		Hi/Mid/Lo	m ³ /h	520/370/310		520/370/310	
Dehumidification capacity			l/h	1,00		1,20	
Sound power		Hi	dB(A)	53		53	
Sound pressure level		Hi/Mid/Lo	dB(A)	39/35/21		39/35/21	
Control systems	Infrared remote control		-	RG10A-D2S-BGEF		RG10A-D2S-BGEF	
	Settable temperature		°C	16+30		16+30	
Power supply	Voltage/Frequency/Phases		V/Hz/n°	230 / 50 / 1		230 / 50 / 1	

Indoor unit		MEA1-P		27M		35M	
Code				89682317		89682316	
Dimensions	Unit	L x D x H	mm	805x330x554		805x330x554	
	Packaging	L x D x H	mm	915x370x615		915x370x615	
Weight	Unit/Packaging		kg	33,2/36,1		33,2/36,1	
Sound power		Nominal	dB(A)	52,5		52,5	
Sound pressure level		Nominal	dB(A)	59		59	
Operating range	Cooling	Indoor T.	°C	16+32		16+32	
		Outdoor T.	°CBS	-15+50		-15+50	
	Heating	Indoor T.	°C	0+30		0+30	
		Outdoor T.	°CBU	-15+24		-15+24	
Refrigerant	Type/GWP		-	R-290 / 3		R-290 / 3	
Power supply	Voltage/Frequency/Phases		V/Hz/n°	230 / 50 / 1		230 / 50 / 1	

¹ SEER and SCOP data, relative energy ratings and annual energy consumption in conformity to the EN 14825 standard measurement.

² EER/COP values declared only for tax deductions in force at the time this document was written.

CCF = Cold Catalyst Fan speed: Hi=High; Mid=Medium; Lo=Low; Si=Silent

Test conditions: according to EN14511 / EN12102

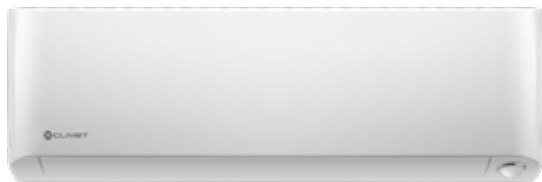
Cooling: indoor air temperature 27°C DB/19°C WB; outdoor air temperature 35°C DB/24°C WB;

Heating: indoor air temperature 20°C DB/15°C WB; outdoor air temperature 7°C DB/6°C WB.

Data declared according to UE 626/2011 delegated regulation

STELVIO

SINGLE Split with hiwall indoor unit



Product information



Wi-Fi Ready



Control System



24 dB(A)



A+++

Energy saving



1W Standby



Sleep



Intelligent Eye Detector

Comfort



Super Silent



Stepless indoor fans speed



Stepless outdoor fans speed



Anti-cold air



Multidirectional Airflow



Wide air flow range



Low ambient temperature heating



Humidity management

Reliability



Self-diagnosis Function



Emergency Function



Compressor Heating Belt



Opposite fan rotation

Health



High Density filter



Cold Catalyst filter



Self-Cleaning

Convenience



Manual ON/OFF



Auto-restart



Voice control compatible

Optional



Wired controller



Centralised control



BMS Communication



Remote On/Off



Error Alarm Port

- ✓ Smart management as standard: via smartphone with the NetHome Plus App and voice control setup with Amazon Alexa and Google Assistant
- ✓ Extremely extended operating ranges: Heating $-30^{\circ}\text{C} + 30^{\circ}\text{C}$; Cooling $-15^{\circ}\text{C} + 50^{\circ}\text{C}$
- ✓ Humidity management: the unit dehumidifies according to the customer's humidity setting
- ✓ Comfort in any situation thanks to the "Intelligent Eye" sensor

Refrigerant piping and connections

Set			27M	35M
Max equivalent length		m	25	25
Max difference in level ODU / IDU		m	±10	±10
Refrigerant precharge		kg / m	0,90 / 5	0,90 / 5
External diameters	Liquid	mm / inch	Φ6,35 - 1/4"	Φ6,35 - 1/4"
	Gas	mm / inch	Φ9,52 - 3/8"	Φ9,52 - 3/8"

Electrical connections

Set			27M	35M
ODU	Power supply	V/Hz/n°	230 / 50 / 1	230 / 50 / 1
		no. of cables	2 + G	2 + G
IDU	Power supply	V/Hz/n°	230 / 50 / 1	230 / 50 / 1
		no. of cables	2 + G	2 + G
	Signal	no. of cables	2	2

Ultra-high energy efficiency

STELVIO is equipped with ultra-high energy efficiency technology, which makes it one of the most efficient air conditioners on the market. Unsurpassed comfort, with low electricity consumption and related costs.

SCOP	SEER
5.3	9.2

Extremely extended operating range

STELVIO can operate from -30°C outside (in heating mode) up to 50°C outside (in cooling mode).

Humidity management

The unit is now equipped with a humidity probe that allows it to manage the new humidity management function. You can set a relative humidity in intervals of ±5%, in a range of 35÷85%: if the set is lower than the value detected by the probe, the unit will start dehumidifying.

The function is also available from the App.

Intelligent eye sensor

The sensor in the unit allows the airflow to be directed towards people or away from them.

It also ensures efficient use by adjusting the operating level according to the presence/absence of people.



Accessories

Standard

RG10P1-G2HS-BGEF	Infrared remote control for STELVIO indoor units
NWMX	Wi-Fi kit for indoor units

Optionals

MBLCX	Multifunction board that makes the indoor unit available for Remote ON / OFF, Alarm port and XYE Port (required for connection of Wired controller, Centralized wired controller, Data Converter, BMS Gateway) The ON-OFF/Alarm/XYE/Wi-Fi port functions can be used simultaneously
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Control Systems	(see dedicated section)
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Technical data

Wi-Fi
NWMX
(standard)WIRED REMOTE CONTROL
KJR-120X1-TFEG-E
(optional)
(necessary kit MBLCX)REMOTE CONTROL
RG10P1-G2HS-BGEF
(standard)

IH2-Y



MH2-Y

Set				27M	35M
Cooling capacity	Nominal (Min.+Max.)		Btu/h	9.000 (3.400+14.200)	12.000 (3.500+16.400)
	Nominal (Min.+Max.)		kW	2,60 (1,00+4,20)	3,50 (1,00+4,80)
Heating capacity	Nominal (Min.+Max.)		Btu/h	14.000 (2.600+23.900)	14.500 (2.600+24.600)
	Nominal (Min.+Max.)		kW	4,10 (0,80+7,00)	4,20 (0,80+7,20)
Standard power supply	Cooling (Min.+Max.)		W	483 (87+1.955)	748 (102+1.955)
	Heating (Min.+Max.)		W	834 (104+1.955)	924 (104+2.625)
Rated current input	Cooling (Min.+Max.)		A	2,10 (0,40+8,50)	3,25 (0,40+8,50)
	Heating (Min.+Max.)		A	3,60 (0,45+8,50)	4,01 (0,45+11,4)
Seasonal efficiency ¹	Cooling	Energy class	-	A+++	A+++
		Design load (Pdesign)	kW	3,00	3,50
		SEER	-	9,20	9,20
		Annual energy consumption	kWh/a	130	130
	Heating	Energy class	-	A+++	A+++
		Design load (Pdesign)	kW	2,20	2,20
		SCOP	-	5,30	5,30
		Annual energy consumption	kWh/a	620	620
	Average season	Energy class	-	A+++	A+++
		SCOP	-	6,00	6,00
Standard efficiency ²	EER		-	5,38	4,68
		COP	-	4,92	4,55

Indoor unit				IH2-Y	27M	35M
Code					87012278	87022241
Dimensions	Unit	L x D x H	mm		895x248x298	895x248x298
	Packaging	L x D x H	mm		985x370x350	985x370x350
Weight	Unit/Packaging		kg		12,7/17,5	12,7/17,5
Air filter	Type		-		CCF	CCF
Airflow		Hi/Mid/Lo	m ³ /h		575/497/340	575/497/340
Dehumidification capacity			l/h		1,00	1,20
Sound power		Hi	dB(A)		59	59
Sound pressure level		Hi/Mid/Lo	dB(A)		43/34/24	43/34/24
Control systems	Infrared remote control		-		RG10P1-G2HS-BGEF	RG10P1-G2HS-BGEF
	Settable temperature		°C		16+30	16+30
Power supply	Voltage/Frequency/Phases		V/Hz/n°		230 / 50 / 1	230 / 50 / 1

Indoor unit				MH2-Y	27M	35M
Code					87012280	87022243
Dimensions	Unit	L x D x H	mm		805x330x554	805x330x554
	Packaging	L x D x H	mm		915x370x615	915x370x615
Weight	Unit/Packaging		kg		32,3/34,8	32,3/34,8
Sound power		Nominal	dB(A)		60	60
Sound pressure level		Nominal	dB(A)		55,5	55,5
Operating range	Cooling	Indoor T.	°C		16+32	16+32
		Outdoor T.	°CBS		-15+50	-15+50
	Heating	Indoor T.	°C		0+30	0+30
		Outdoor T.	°CBU		-30+30	-30+30
Refrigerant	Type/GWP		-		R-32 / 675	R-32 / 675
Power supply	Voltage/Frequency/Phases		V/Hz/n°		230 / 50 / 1	230 / 50 / 1

¹ SEER and SCOP data, relative energy ratings and annual energy consumption in conformity to the EN 14825 standard measurement.

² EER/COP values declared only for tax deductions in force at the time this document was written.

CCF = Cold Catalyst Fan speed: Hi=High; Mid=Medium; Lo=Low; Si=Silent

Test conditions: according to EN14511 / EN12102

Cooling: indoor air temperature 27°C DB/19°C WB; outdoor air temperature 35°C DB/24°C WB;

Heating: indoor air temperature 20°C DB/15°C WB; outdoor air temperature 7°C DB/6°C WB.

Data declared according to UE 626/2011 delegated regulation

CRISTALLO 2

SINGLE Split with hiwall indoor unit



Product information



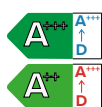
Wi-Fi Ready



Control System



21 dB(A)



Energy saving



1W Standby



Sleep



Gear

Comfort



Super Silent



Stepless indoor fans speed



Anti-cold air



Multidirectional Airflow



Breeze away

Reliability



Self-diagnosis Function



Emergency Function



Opposite fan rotation

Convenience



Control Wi-Fi



Single/Multi Compatible



Auto-restart



Voice control compatible

Health



High Density filter



Cold Catalyst filter



Self-Cleaning



Purification filter

Optional



Wired controller



Centralised control



BMS Communication



Remote On/Off

- ✓ ALTODesign panel with strong, elegant lines, matt finish
- ✓ Purification filter: active against odours, dust, VOC, pollen, spores, bacteria
- ✓ Smart management as standard: via smartphone with the NetHome Plus App and voice control setup with Amazon Alexa and Google Assistant
- ✓ SINGLE Split/MULTI Split compatible
- ✓ Compatible with CRISTALLO 2 NV outdoor unit

Refrigerant piping and connections

Set			27M	35M	53M	70M
Max equivalent length		m	25	25	30	50
Max difference in level ODU / IDU		m	±10	±10	±20	±25
Refrigerant precharge		kg / m	0,62 / 5	0,62 / 5	1,10 / 5	1,45 / 5
External diameters	Liquid	mm / inch	Φ6,35 - 1/4"	Φ6,35 - 1/4"	Φ6,35 - 1/4"	Φ9,52 - 3/8"
	Gas	mm / inch	Φ9,52 - 3/8"	Φ9,52 - 3/8"	Φ12,7 - 1/2"	Φ15,9 - 5/8"

Electrical connections

Set			27M	35M	53M	70M
ODU	Power supply	V/Hz/n°	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1
		no. of cables	2 + G	2 + G	2 + G	2 + G
IDU	Power supply	V/Hz/n°	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1
		no. of cables	2 + G	2 + G	2 + G	2 + G
	Signal	no. of cables	2	2	2	2

Multidirectional airflow

The air conditioner can distribute the air flow in multiple directions to better direct the flow within the room. In fact, it electronically regulates the direction of the fins both horizontally and vertically. THE standard control can be used to easily set the desired louvers position.



Purification filter

- High density filter: Removes larger dust and microbes, protects other filters. It is washable and reusable
- Cold catalyst filter: Oxidises various hazardous gases (such as VOC) by decomposing them into inert substances such as H₂O or carbon dioxide. It also limits odours
- Activated carbon filter: Chemically absorbs microparticles and bacteria, cleaning the air and eliminating odours
- Silver ion filter: Continuously releases silver ions to eliminate up to 99% of airborne bacteria, while also limiting their growth and proliferation. Also active on viruses

Breeze away

This function prevents the air flow from being directed directly at people, creating discomfort. The fan moves at minimum speed.



Accessories

Standard

RG10A-D2S-BGEF	Infrared remote control for CERVINO / CRISTALLO 2 / EZCOOL / BOX 2 / CONSOLE 3 / DUCT 3 / C&F2 indoor unit
NWMX	Wi-Fi kit for indoor units

Optionals

MKSS2X	Multifunction board that makes the indoor unit available for Remote ON / OFF, Alarm port and XYE Port (required for connection of Wired controller, Centralized wired controller, Data Converter, BMS Gateway) The ON-OFF/Alarm/XYE/Wi-Fi port functions can be used simultaneously
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Control Systems	(see dedicated section)
------------------------	-------------------------

Technical data

Wi-Fi NWMX
(standard)WIRED REMOTE
CONTROL
KJR-120N-12V
(optional)
(necessary kit MKSS2X)WIRED REMOTE CON-
TROL
KJR-120X2-TFBG-E
(optional)
(necessary kit MKSS2X)REMOTE CONTROL
RG10A-D2S-BGEF
(standard)

IMA1-Y



MMA1-Y

Set				27M	35M	53M	70M
Cooling capacity	Nominal (Min.*Max.)		Btu/h	9.000 (3.500+11.000)	12.000 (4.700+14.700)	18.000 (11.570+20.100)	20.100 (7.200+28.000)
	Nominal (Min.*Max.)		kW	2.64 (1.03+3.22)	3.52 (1.38+4.31)	5.27 (3.39+5.90)	5.88 (2.11+8.20)
Heating capacity	Nominal (Min.*Max.)		Btu/h	10.000 (2.800+11.500)	13.000 (3.640+15.000)	18.400 (10.600+20.000)	22.700 (5.300+28.000)
	Nominal (Min.*Max.)		kW	2.93 (0.82+3.37)	3.81 (1.07+4.38)	5.39 (3.10+5.85)	6.66 (1.55+8.20)
Standard power supply	Cooling (Min.*Max.)		W	628 (80+1100)	1.005 (130+1.650)	1.550 (560+2.050)	1.770 (420+3.200)
	Heating (Min.*Max.)		W	651 (70+990)	977 (160+1.560)	1.440 (780+2.000)	2.130 (300+3.100)
Rated current input	Cooling (Min.*Max.)		A	2.73 (0.35+4.78)	4.37 (0.60+7.20)	6.70 (2.40+9.00)	7.67 (1.80+13.9)
	Heating (Min.*Max.)		A	2.83 (0.32+4.32)	4.24 (0.70+6.78)	6.23 (3.40+8.70)	7.70 (1.30+13.5)
Seasonal efficiency ¹	Cooling	Energy class	-	A+++	A+++	A++	A++
		Design load (Pdesign)	kW	2.60	3.50	5.30	7.00
		SEER	-	8.80	8.50	7.00	6.40
		Annual energy consumption	kWh/a	103	144	265	383
	Heating Average season	Energy class	-	A++	A++	A+	A+
		Design load (Pdesign)	kW	2.40	2.60	4.20	4.90
		SCOP	-	4.60	4.60	4.00	4.00
		Annual energy consumption	kWh/a	730	791	1.470	1.715
	Heating Warmer season	Energy class	-	A+++	A+++	A+++	A+++
		SCOP	-	6.00	6.00	5.10	5.10
Standard efficiency ²	EER		-	4.20	3.50	3.40	3.33
	COP		-	4.50	3.90	3.76	3.76

Indoor unit			IMA1-Y	27M	35M	53M	70M
Code				89682314	89682313	89682315	89682312
Dimensions	Unit	L x D x H	mm	802x200x295	802x200x295	969x241x320	1083x244x336
	Packaging	L x D x H	mm	875x285x380	875x285x380	1045x315x405	1155x315x415
Weight	Unit/Packaging		kg	8,7/11,5	8,7/11,5	11,2/14,6	13,6/17,3
Air filter	Type		-	PUF	PUF	PUF	PUF
Airflow		Hi/Mid/Lo	m ³ /h	510/360/300	520/370/310	800/600/500	1090/770/610
Dehumidification capacity		l/h		1,00	1,20	1,80	2,70
Sound power		Hi	dB(A)	54	55	56	62
Sound pressure level		Hi/Mid/Lo	dB(A)	37/31/22	39/33/22	41/37/31	46/37/35
Control systems	Infrared remote control		-	RG10A4-D2S-BGEF	RG10A4-D2S-BGEF	RG10A4-D2S-BGEF	RG10A4-D2S-BGEF
	Settable temperature		°C	16+30	16+30	16+30	16+30
Power supply	Voltage/Frequency/Phases	V/Hz/n°		230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1

Indoor unit			MMA1-Y	27M	35M	53M	70M
Code				89682319	89682321	89682320	89682318
Dimensions	Unit	L x D x H	mm	765x303x555	765x303x555	805x330x554	890x342x673
	Packaging	L x D x H	mm	887x337x610	887x337x610	915x370x615	995x398x740
Weight	Unit/Packaging		kg	26,4/28,8	26,4/28,8	33,5/36,1	43,9/46,9
Sound power		Nominal	dB(A)	58	61	65	67
Sound pressure level		Nominal	dB(A)	54	55	57	60
Operating range	Cooling	Indoor T.	°C	16+32	16+32	16+32	16+32
		Outdoor T.	°CBS	-15+50	-15+50	-15+50	-15+50
	Heating	Indoor T.	°C	0+30	0+30	0+30	0+30
		Outdoor T.	°CBU	-20+24	-20+24	-15+24	-15+24
Refrigerant	Type/GWP		-	R-32 / 675	R-32 / 675	R-32 / 675	R-32 / 675
Power supply	Voltage/Frequency/Phases	V/Hz/n°		230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1

¹ SEER and SCOP data, relative energy ratings and annual energy consumption in conformity to the EN 14825 standard measurement.

² EER/COP values declared only for tax deductions in force at the time this document was written.

PUF = Purification

Fan speed: Hi=High; Mid=Medium; Lo=Low; Si=Silent

Test conditions:

according to EN14511 / EN12102

Cooling: indoor air temperature 27°C DB/19°C WB; outdoor air temperature 35°C DB/24°C WB;

Heating: indoor air temperature 20°C DB/15°C WB; outdoor air temperature 7°C DB/6°C WB.

Data declared according to UE 626/2011 delegated regulation

Technical data ODU NV*

Set			27M NV		35M NV	
Cooling capacity	Nominal (Min.+Max.)	Btu/h	9.000 (2.800+12.500)		12.000 (3.000+16.200)	
	Nominal (Min.+Max.)	kW	2,64 (0,82+3,66)		3,52 (0,88+4,75)	
Heating capacity	Nominal (Min.+Max.)	Btu/h	10.000 (2.700+15.000)		13.000 (2.700+22.200)	
	Nominal (Min.+Max.)	kW	2,93 (0,79+4,40)		3,81 (0,79+6,51)	
Standard power supply	Cooling (Min.+Max.)	W	577 (60+1.200)		879 (60+1.590)	
	Heating (Min.+Max.)	W	623 (75+1.400)		929 (130+2.195)	
Rated current input	Cooling (Min.+Max.)	A	2,50 (0,30+5,20)		3,81 (0,30+7,00)	
	Heating (Min.+Max.)	A	2,70 (0,32+6,08)		4,03 (0,60+9,50)	
Seasonal efficiency ¹	Cooling	Energy class	-	A+++	-	A+++
		Design load (Pdesign)	kW	2,80	-	3,50
		SEER	-	8,50	-	8,50
		Annual energy consumption	kWh/a	115	-	145
	Heating Average season	Energy class	-	A++	-	A++
		Design load (Pdesign)	kW	2,50	-	2,60
		SCOP	-	4,60	-	4,60
		Annual energy consumption	kWh/a	737	-	791
	Heating Warmer season	Energy class	-	A+++	-	A+++
		SCOP	-	5,90	-	5,90
Standard efficiency ²	EER	-	4,57		4,00	
	COP	-	4,70		4,10	

* Please refer to the previous page for technical data on the indoor unit.

Indoor unit				MMA1-Y	27M NV	35M NV
Code					62242522	62242523
Dimensions	Unit	L x D x H	mm		765x303x555	765x303x555
	Packaging	L x D x H	mm		887x337x610	887x337x610
Weight	Unit/Packaging		kg		29,5/31,9	29,6/32,0
Sound power		Nominal	dB(A)		55	58
Sound pressure level		Nominal	dB(A)		56	57
Operating range	Cooling	Indoor T.	°C		16+32	16+32
		Outdoor T.	°CBS		-15+50	-15+50
	Heating	Indoor T.	°C		0+30	0+30
		Outdoor T.	°CBU		-25+24	-25+24
Refrigerant	Type/GWP		-		R-32 / 675	R-32 / 675
Power supply	Voltage/Frequency/Phases		V/Hz/n°		230 / 50 / 1	230 / 50 / 1

¹ SEER and SCOP data, relative energy ratings and annual energy consumption in conformity to the EN 14825 standard measurement.

² EER/COP values declared only for tax deductions in force at the time this document was written.
PUF = Purification

Fan speed: Hi=High; Mid=Medium; Lo=Low; Si=Silent

Test conditions:

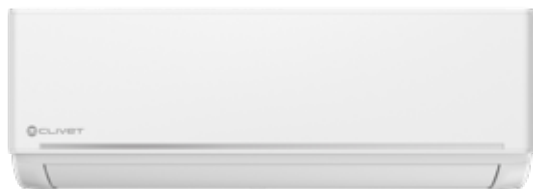
according to EN14511 / EN12102

Cooling: indoor air temperature 27°C DB/19°C WB; outdoor air temperature 35°C DB/24°C WB;
Heating: indoor air temperature 20°C DB/15°C WB; outdoor air temperature 7°C DB/6°C WB.

Data declared according to UE 626/2011 delegated regulation

EZCOOL

SINGLE Split with hiwall indoor unit



Product information



26
dB(A)



Energy saving



1W Standby



Sleep



Gear

Convenience



Single/Multi
Compatible



Auto-restart

Comfort



Stepless Indoor
Fan Speed



Super
Silent



Anti-cold air



Multidirectional
Airflow



Follow me

Reliability



Self-
diagnosis
Function



Emergency
Function



Opposite fan
rotation

Health



High Density
filter



Cold Catalyst
filter

- ✓ Silent operation with low power consumption
- ✓ Option of Smart management: via smartphone with the NetHome Plus App and set up for voice control with Amazon Alexa and Google Assistant
- ✓ SINGLE Split/MULTI Split compatible

Refrigerant piping and connections

Set			27M	35M	53M	70M
Max equivalent length		m	25	25	30	50
Max difference in level ODU / IDU		m	±10	±10	±20	±25
Refrigerant precharge		kg / m	0,55 / 5	0,55 / 5	1,10 / 5	1,45 / 5
External diameters	Liquid	mm / inch	Φ6,35 - 1/4"	Φ6,35 - 1/4"	Φ6,35 - 1/4"	Φ9,52 - 3/8"
	Gas	mm / inch	Φ9,52 - 3/8"	Φ9,52 - 3/8"	Φ12,7 - 1/2"	Φ15,9 - 5/8"

Electrical connections

Set			27M	35M	53M	70M
ODU	Power supply	V/Hz/n°	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1
		no. of cables	2 + G	2 + G	2 + G	2 + G
IDU	Power supply	V/Hz/n°	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1
		no. of cables	2 + G	2 + G	2 + G	2 + G
	Signal	no. of cables	2	2	2	2

Follow-Me

The system gives priority to the temperature sensor in the remote control and adjusts itself accordingly.

Control by smartphone

Thanks to an optional accessory, you can adjust the temperature, on/off and timer of the unit from your smartphone.



Accessories

Standard

RG10A-D2S-BGEF	Infrared remote control for CERVINO / CRISTALLO 2 / EZCOOL / BOX 2 / CONSOLE 3 / DUCT 3 / C&F2 indoor unit
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Optionals

NWMX	Wi-Fi kit for indoor units
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Technical data

Set				27M	35M	53M	70M
Cooling capacity	Nominal (Min.+Max.)	Btu/h		9.000 (3.100+11.600)	11.000 (3.800+11.500)	18.000 (11.570+20.130)	20.070 (7.200+28.000)
	Nominal (Min.+Max.)	kW		2,64 (0,91+3,40)	3,22 (1,11+3,96)	5,27 (3,40+5,90)	5,88 (2,11+8,20)
Heating capacity	Nominal (Min.+Max.)	Btu/h		9.200 (2.800+11.500)	11.900 (3.700+14.300)	18.400 (10.580+19.960)	22.730 (5.300+28.000)
	Nominal (Min.+Max.)	kW		2,70 (0,82+3,37)	3,49 (1,08+4,19)	5,39 (3,10+5,85)	6,66 (1,55+8,20)
Standard power supply	Cooling (Min.+Max.)	W		800 (100+1.240)	998 (84+1.600)	1.550 (560+2.050)	1.765 (420+3.200)
	Heating (Min.+Max.)	W		720 (120+1.200)	930 (165+1.500)	1.440 (780+2.000)	2.130 (300+3.100)
Rated current input	Cooling (Min.+Max.)	A		3,48 (0,40+5,40)	4,30 (0,80+7,30)	6,70 (2,40+9,00)	7,67 (1,80+13,9)
	Heating (Min.+Max.)	A		3,10 (0,50+5,20)	4,10 (1,35+6,90)	6,23 (3,40+8,70)	7,70 (1,30+13,5)
Seasonal efficiency ¹	Cooling	Energy class	-	A++	A++	A++	A++
		Design load (Pdesign)	kW	2,60	3,20	5,30	7,00
		SEER	-	7,00	7,10	7,00	6,40
		Annual energy consumption	kWh/a	130	158	265	383
	Heating	Energy class	-	A+	A+	A+	A+
		Design load (Pdesign)	kW	2,30	2,80	4,20	4,90
		SCOP	-	4,10	4,10	4,00	4,00
		Annual energy consumption	kWh/a	803	958	1.470	1.715
	Average season	Energy class	-	A+++	A+++	A+++	A+++
		SCOP	-	5,10	5,20	5,10	5,10
Standard efficiency ²	EER	-	-	3,30	3,23	3,40	3,33
	COP	-	-	3,74	3,75	3,76	3,76

Indoor unit				ILA1-Y	27M	35M	53M	70M
Code					89472265	89472270	89472264	89472267
Dimensions	Unit	L x D x H	mm		726x210x291	802x200x295	969x241x320	1083x244x336
	Packaging	L x D x H	mm		790x270x375	875x285x380	1045x315x405	1155x315x415
Weight	Unit/Packaging		kg		7,70/9,90	8,20/10,9	11,2/14,6	13,6/17,3
Air filter	Type		-		CCF	CCF	CCF	CCF
Airflow		Hi/Mid/Lo	m ³ /h		460/330/260	570/490/450	800/600/500	1090/770/610
Dehumidification capacity			l/h		1,00	1,20	1,80	2,70
Sound power		Hi	dB(A)		52	56	56	62
Sound pressure level		Hi/Mid/Lo	dB(A)		37/32/25	41/38/24	41/37/31	46/37/35
Control systems	Infrared remote control		-		RG10A4-D2S-BGEF	RG10A4-D2S-BGEF	RG10A4-D2S-BGEF	RG10A4-D2S-BGEF
	Settable temperature		°C		16+30	16+30	16+30	16+30
Power supply	Voltage/Frequency/Phases		V/Hz/n°		230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1

Indoor unit				MLA1-Y	27M	35M	53M	70M
Code					88292245	88292244	88292242	88292243
Dimensions	Unit	L x D x H	mm		720x270x495	720x270x495	805x330x554	890x342x673
	Packaging	L x D x H	mm		835x300x540	835x300x540	915x370x615	995x398x740
Weight	Unit/Packaging		kg		21,0/22,8	21,0/22,8	33,5/36,1	43,9/46,9
Sound power		Nominal	dB(A)		60	64	65	67
Sound pressure level		Nominal	dB(A)		55	55	57	60
Operating range	Cooling	Indoor T.	°C		16+32	16+32	16+32	16+32
		Outdoor T.	°CBS		-15+50	-15+50	-15+50	-15+50
	Heating	Indoor T.	°C		0+30	0+30	0+30	0+30
		Outdoor T.	°CBU		-15+24	-15+24	-15+24	-15+24
Refrigerant	Type/GWP		-		R-32 / 675	R-32 / 675	R-32 / 675	R-32 / 675
Power supply	Voltage/Frequency/Phases		V/Hz/n°		230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1

¹ SEER and SCOP data, relative energy ratings and annual energy consumption in conformity to the EN 14825 standard measurement.

² EER/COP values declared only for tax deductions in force at the time this document was written

CCF = Cold Catalyst

Fan speed: Hi=High; Mid=Medium; Lo=Low; Si=Silent

Test conditions:

according to EN14511 / EN12102

Cooling: indoor air temperature 27°C DB/19°C WB; outdoor air temperature 35°C DB/24°C WB;

Heating: indoor air temperature 20°C DB/15°C WB; outdoor air temperature 7°C DB/6°C WB.

Data declared according to UE 626/2011 delegated regulation

MULTISplit



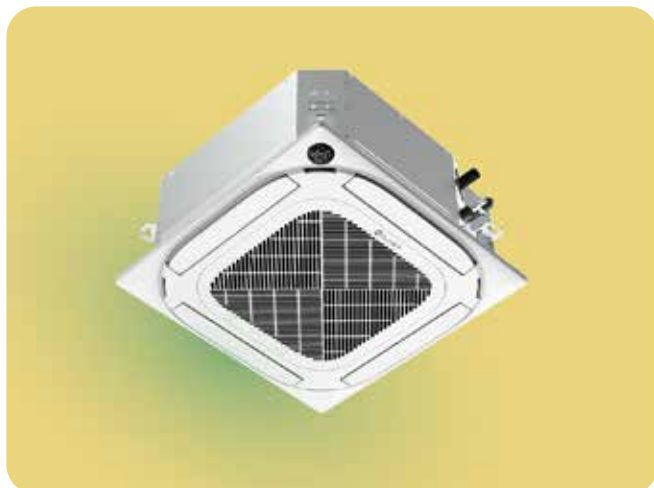
5.1 MULTISplit



CRISTALLO 2



EZCOOL



4 WAY CASSETTE



DUCT 3



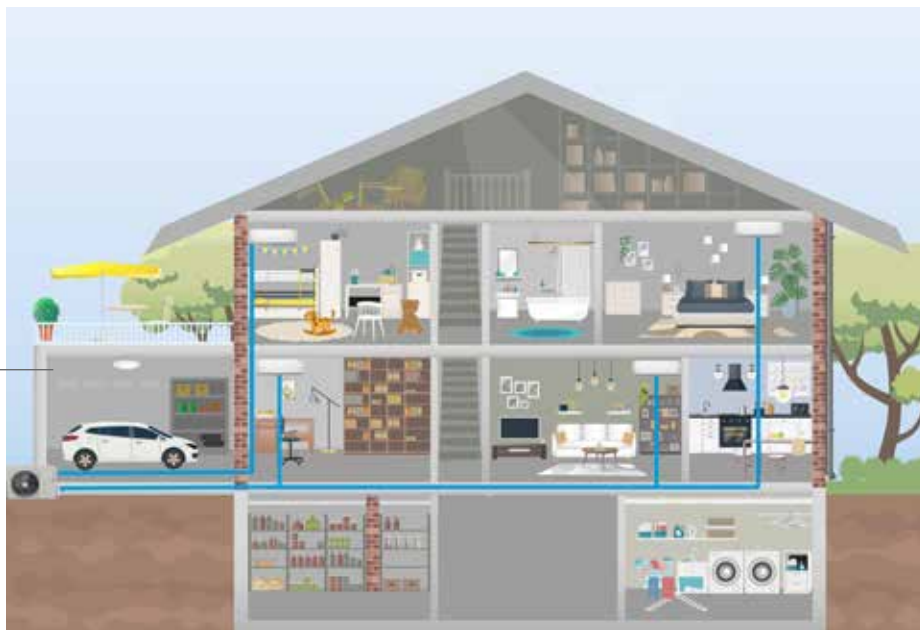
CONSOLE 3



CEILING & FLOOR

MULTISplit

Space-saving solution ideal for air conditioning multiple rooms.

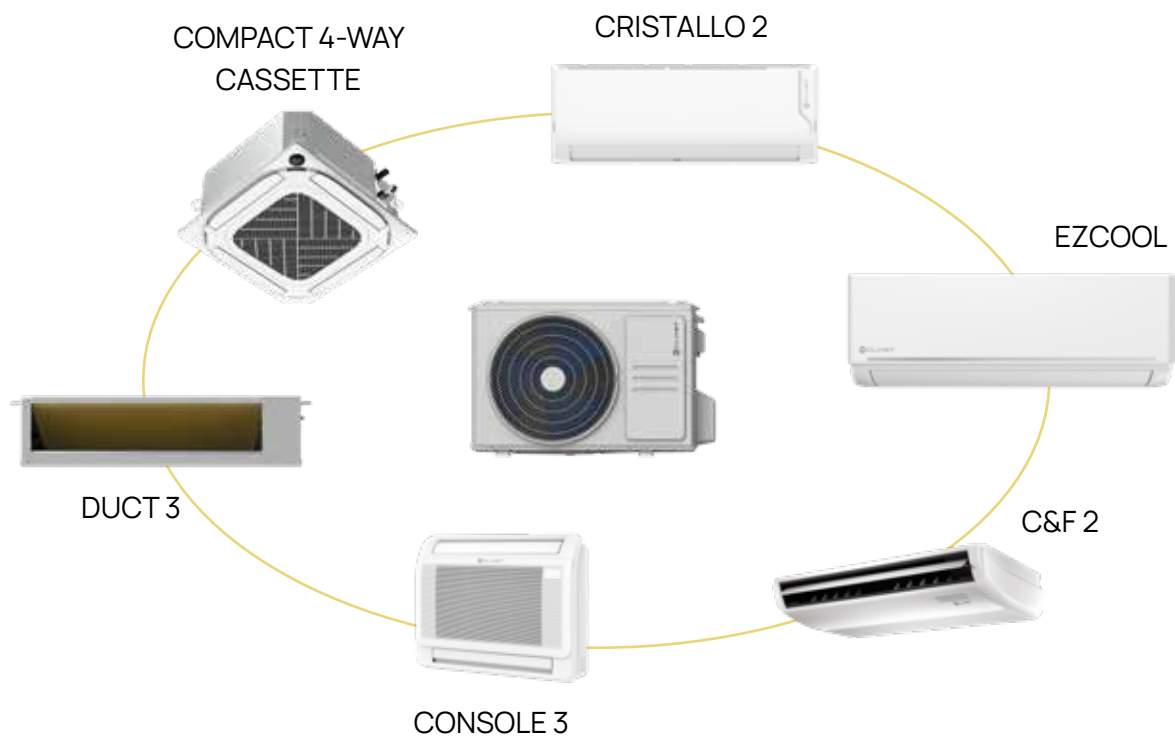


Outdoor/indoor unit combination

INDOOR UNIT	ENERGY CLASS ¹		WALL MOUNTED INTERNAL UNIT							
			CRISTALLO 2				EZCOOL			
			IMA1-Y				ILA1-Y			
Outdoor unit	Cooling/Heating.		27M	35M	53M	70M	27M	35M	53M	70M
MU2-Y 41M			•	•	•	-	•	•	•	-
MU2-Y 53M			•	•	•	-	•	•	•	-
MU2-Y 53M-3			•	•	•	-	•	•	•	-
MU2-Y 61M			•	•	•	-	•	•	•	-
MU2-Y 79M			•	•	•	-	•	•	•	-
MU2-Y 82M			•	•	•	-	•	•	•	-
MU2-Y 105M			•	•	•	•	•	•	•	•
MU2-Y 125M			•	•	•	•	•	•	•	•

¹Energy Classes for a 100% combination of the nominal load. For the complete technical data of the combinations, refer to the Combination Tables

COMPLETE RANGE OF INDOOR UNITS



CONSOLE INDOOR UNIT			CASSETTE INDOOR UNIT COMPACT 4-WAY 620x620			DUCTABLE INDOOR UNITS				INDOOR UNITS CEILING / FLOOR
CONSOLE 3			COMPACT 4-WAY CASSETTE			DUCT 3				C&F 2
IC3-Y			IBA1-Y			IDA-Y				IF3-XY
27M	35M	53M	27M	35M	53M	27M	35M	53M	70M	53M
•	•	•	•	•	•	•	•	•	-	•
•	•	•	•	•	•	•	•	•	-	•
•	•	•	•	•	•	•	•	•	-	•
•	•	•	•	•	•	•	•	•	-	•
•	•	•	•	•	•	•	•	•	-	•
•	•	•	•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•	•	•	•

ODU-SM 2

Outdoor unit for MULTISplit systems



MU2-Y (41M+53M-3)



MU2-Y (61M+79M)



MU2-Y (82M+125M)

Product information



Comfort



7 Outdoor Fan
Speeds Levels

Convenience



Automatic
correction
of the connection
errors

Reliability



Opposite fan
rotation

- ✓ From 1 up to 5 connectable indoor units, also of different types
- ✓ Rapid installation: automatic correction of the connection errors
- ✓ Extremely extended operating ranges: Heating $-15^{\circ}\text{C} + +24^{\circ}\text{C}$; Cooling $-15^{\circ}\text{C} + +50^{\circ}\text{C}$

Automatic correction of the connection errors

The unit reassigns the communication, correcting any wiring errors.

Note: Press the «CHECK» button for 5 seconds until «CE» appears on the display.



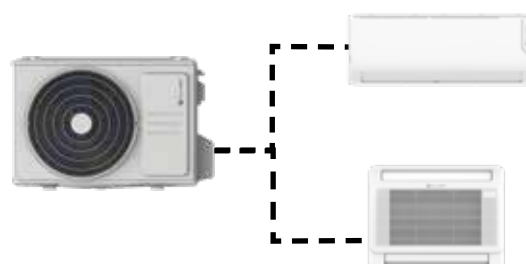
Even only one collectable IDU

Possibility to add more indoor units after the first installation.



Also different IDU

Possibility of installing different types of indoor units.



Technical data

outdoor unit		MU2-Y		41M	53M	53M-3	61M	79M	82M	105M	125M
Code				87012281	89112242	62242521	89092251	89112265	89092231	89112261	89132206
Connectable Indoor Units		Min+Max	-	1+2 (DUAL)	1+2 (DUAL)	1+3 (TRIPLE)	1+3 (TRIPLE)	1+3 (TRIPLE)	1+4 (QUADRI)	1+4 (QUADRI)	1+5 (PENTA)
Cooling capacity	Nominal ¹ (Min+-Max)	Btu/h		14.000 (5.000+16.500)	18.000 (7.600+19.000)	18.000 (7.000+20.500)	21.000 (6.800+22.500)	27.000 (10.200+29.000)	28.000 (7.000+33.600)	36.000 (7.000+36.000)	42.000 (10.800+42.000)
	Nominal ¹ (Min+-Max)	kW		4,10 (1,47+4,83)	5,30 (2,23+5,57)	5,30 (2,05+6,00)	6,20 (2,00+6,59)	7,90 (3,00+8,49)	8,20 (2,05+9,84)	10,5 (2,05+10,5)	12,3 (3,16+12,3)
Heating capacity	Nominal ² (Min+-Max)	Btu/h		15.000 (5.500+16.500)	19.000 (8.000+19.200)	18.000 (8.700+19.500)	22.000 (4.900+22.800)	28.000 (7.500+29.000)	30.000 (8.000+36.000)	37.000 (8.000+38.000)	42.000 (11.500+42.000)
	Nominal ² (Min+-Max)	kW		4,40 (1,61+4,83)	5,57 (2,34+5,63)	5,30 (2,55+5,71)	6,45 (1,45+6,68)	8,20 (2,20+8,50)	8,80 (2,34+10,5)	10,8 (2,34+11,1)	12,3 (3,37+12,3)
Dimensions	Unit	L x D x H	mm	805x330x554	805x330x554	805x330x554	890x342x673	890x342x673	946x410x810	946x410x810	946x410x810
	Packaging	L x D x H	mm	915x370x615	915x370x615	950x370x615	1030x438x750	1030x438x750	1090x500x875	1090x500x875	1090x500x875
Weight	Unit / Packaging		kg	31,6/34,7	35,0/38,0	36,2/39,4	43,3/47,1	48,0/51,8	62,1/67,7	68,8/75,6	73,3/80,4
Sound power		Nominal	dB(A)	65	65	64	68	68	69	70	70
Sound pressure level		Nominal	dB(A)	56	56	57	58	58	61	62	64
Operating Voltage Range	Cooling	Outdoor T.	°CBS	-15÷50	-15÷50	-15÷50	-15÷50	-15÷50	-15÷50	-15÷50	-15÷50
	Heating	Outdoor T.	°CBU	-15÷24	-15÷24	-15÷24	-15÷24	-15÷24	-15÷24	-15÷24	-15÷24
Refrigerant	Type/GWP		-	R-32 / 675	R-32 / 675	R-32 / 675	R-32 / 675	R-32 / 675	R-32 / 675	R-32 / 675	R-32 / 675
Power supply	Voltage/Frequency/Phases		V/Hz/n°	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1

Note: Adapters for connection to the refrigerant piping with different diameters supplied as standard

Test conditions: indoor air temperature 27°C B.S./ 19°C B.U. - outdoor air temperature 35°C B.S./ 24°C B.U.

² Test conditions: indoor air temperature 20°C B.S./ 15°C B.U. - outdoor air temperature 7°C B.S./ 6°C B.U.

Test conditions:

according to EN14511 / EN12102

Cooling: indoor air temperature 27°C DB/19°C WB; outdoor air temperature 35°C DB/24°C WB;

Heating: indoor air temperature 20°C DB/15°C WB; outdoor air temperature 7°C DB/6°C WB.

Data declared according to UE 626/2011 delegated regulation

Refrigerant piping and connections

Indoor unit			41M	53M	53M-3	61M	79M	82M	105M	125M
Max equivalent length (Total)		m	40	40	60	60	60	80	80	80
Max equivalent length (Each branch)		m	25	25	30	30	30	35	35	35
Max difference in level ODU / IDU		m	±15	±15	±15	±15	±15	±15	±15	±15
Max difference in level IDU / IDU		m	±10	±10	±10	±10	±10	±10	±10	±10
Refrigerant precharge		kg / m	1,10 / (2x7,5)	1,25 / (2x7,5)	1,5 / (3x7,5)	1,5 / (3x7,5)	1,85 / (3x7,5)	2,10 / (4x7,5)	2,10 / (4x7,5)	2,90 / (5x7,5)
External diameters (ODU)	Liquid	mm / inch	2 x (Φ6,35 - 1/4")	2 x (Φ6,35 - 1/4")	3 x (Φ6,35 - 1/4")	3 x (Φ6,35 - 1/4")	3 x (Φ6,35 - 1/4")	4 x (Φ6,35 - 1/4")	4 x (Φ6,35 - 1/4")	5 x (Φ6,35 - 1/4")
	Gas	mm / inch	2 x (Φ9,52 - 3/8")	2 x (Φ9,52 - 3/8")	3 x (Φ9,52 - 3/8")	3 x (Φ9,52 - 3/8")	3 x (Φ9,52 - 3/8")	3 x (Φ9,52 - 3/8") + 1 x (Φ12,7 - 1/2")	3 x (Φ9,52 - 3/8") + 1 x (Φ12,7 - 1/2")	4 x (Φ9,52 - 3/8") + 1 x (Φ12,7 - 1/2")

Indoor unit			20M	27M	35M	53M	70M
External diameters (IDU)	Liquid	mm / inch	Φ6,35 - 1/4"	Φ6,35 - 1/4"	Φ6,35 - 1/4"	Φ6,35 - 1/4"	Φ9,52 - 3/8"
	Gas	mm / inch	Φ9,52 - 3/8"	Φ9,52 - 3/8"	Φ9,52 - 3/8"	Φ12,7 - 1/2"	Φ15,9 - 5/8"

Electrical connections

Set			41M	53M	53M-3	61M	79M	82M	105M	125M
ODU	Power supply	V/Hz/n°	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1
		no. of cables	2 + G	2 + G	2 + G	2 + G	2 + G	2 + G	2 + G	2 + G
IDU	Power supply (for each IDU)	V/Hz/n°	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1
		no. of cables	2 + G	2 + G	2 + G	2 + G	2 + G	2 + G	2 + G	2 + G
	Signal (for each IDU)	no. of cables	1	1	1	1	1	1	1	1

CRISTALLO 2

Hiwall indoor unit for MULTISplit systems



Product information



Wi-Fi
Ready



Control
System



21
dB(A)

Energy saving



Sleep

Comfort



Stepless Indoor
Fan Speed



Anti-cold air



MULTI-
DIRECTIONAL
AIRFLOW

Reliability



Self-
diagnosis
Function



Auto
Defrosting

Convenience



Control
Wi-Fi



Auto-restart



Voice control
compatible



Universal MONO/
MULTI indoor
units

Health



High Density
filter



Cold Catalyst
filter



Purification filter

Optional



Wired
controller



Centralised
control



BMS
Communication



Remote On/Off

- ✓ AltoDesign panel with strong but elegant lines, in matt finish with contrasting logo
- ✓ Purification filter: active against odours, dust, VOC, pollen, spores, bacteria
- ✓ Smart management as standard: via smartphone with the NetHome Plus App and voice control setup with Amazon Alexa and Google Assistant

Multidirectional airflow

The air conditioning unit can channel the air flow in different directions to better direct the flow inside the environment

Voice control

Through the Wi-Fi connection, you can control the product via Alexa or Google Home.



Wi-Fi NWMX
(standard)WIRED REMOTE CON-
TROL
KJR-120N-12V
(optional)
(necessary kit MKSS2X)WIRED REMOTE CON-
TROL
KJR-120X2-TFBG-E
(optional)
(necessary kit MKSS2X)REMOTE CONTROL
RG10A-D2S-BGEF
(standard)

IMA1-Y

Technical data

Indoor unit				IMA1-Y	27M	35M	53M	70M
Code					89682314	89682313	89682315	89682312
Cooling capacity	Nominal		Btu/h		9.000	12.000	18.000	24.000
			kW		2,64	3,52	5,30	7,03
Heating capacity	Nominal		Btu/h		10.000	13.000	19.000	25.000
			kW		2,93	3,81	5,57	7,33
Dimensions	Unit	L x D x H	mm		802x200x295	802x200x295	969x241x320	1083x244x336
	Packaging	L x D x H	mm		875x285x380	875x285x380	1045x315x405	1155x315x415
Weight	Unit/Packaging		kg		8,7/11,5	8,7/11,5	11,2/14,6	13,6/17,3
Air filter	Type		-		PUF	PUF	PUF	PUF
Airflow			m³/h		510/360/300	520/370/310	800/600/500	1090/770/610
Sound power			dB(A)		54	55	56	62
Sound pressure level			dB(A)		37/31/22	39/33/22	41/37/31	46/37/35
Operating Voltage Range	Cooling	Indoor T	°C		17+32	17+32	17+32	17+32
	Heating	Indoor T	°C		0+30	0+30	0+30	0+30
Refrigerant piping	External diameters	Liquid-Gas	mm		Φ6,35 - Φ9,52	Φ6,35 - Φ9,52	Φ6,35 - Φ12,7	Φ9,52 - Φ15,9
			inch.		1/4" - 3/8"	1/4" - 3/8"	1/4" - 1/2"	3/8" - 5/8"
Control system	Infrared remote control		-		RG10A4-D2S-BGEF	RG10A4-D2S-BGEF	RG10A4-D2S-BGEF	RG10A4-D2S-BGEF
	Settable temperature		°C		16+30	16+30	16+30	16+30
Power supply	Voltage/Frequency/Phases		V/Hz/n°		230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1

Fan speed:
i=Hight; Mid=Medium; Lo=Low; Si=Silent
PUF= Purificator
Test conditions:
according to EN14511 / EN12102

Cooling: indoor air temperature 27°C DB/19°C WB; outdoor air temperature 35°C DB/24°C WB;
Heating: indoor air temperature 20°C DB/15°C WB; outdoor air temperature 7°C DB/6°C WB.
Data declared according to UE 626/2011 delegated regulation

Accessories

Standard

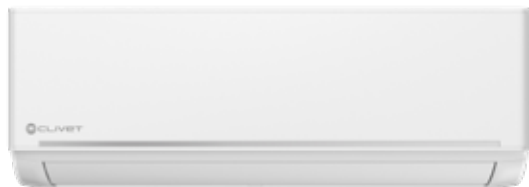
RG10A-D2S-BGEF	Infrared remote control for CERVINO / CRISTALLO 2 / EZCOOL / BOX 2 / CONSOLE 3 / DUCT 3 / C&F2 indoor unit
NWMX	Wi-Fi kit for indoor units

Optionals

MKSS2X	Multifunction board that makes the indoor unit available for Remote ON / OFF, Alarm port and XYE Port (required for connection of Wired controller, Centralized wired controller, Data Converter, BMS Gateway) The ON-OFF/Alarm/XYE/Wi-Fi port functions can be used simultaneously
Control Systems	(see dedicated section)

EZCOOL

Hiwall indoor unit for MULTISplit systems



Product information



26
dB(A)

Energy saving



1W Standby



Sleep



Gear

Health



High Density
filter



Cold Catalyst
filter

Comfort



Stepless
Indoor Fan
Speed



Super Silent



Anti-cold air



Multidirectional
Airflow

Reliability



Self-
diagnosis
Function



Auto
Defrosting

Convenience



Single/Multi
Compatible



Auto-restart

- ✓ Silent operation with low power consumption
- ✓ Option of Smart management: via smartphone with the NetHome Plus App and set up for voice control with Amazon Alexa and Google Assistant
- ✓ SINGLE Split/MULTI Split compatible

Follow-Me

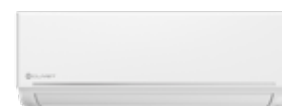
The system gives priority to the temperature sensor in the remote control and adjusts itself accordingly.



Voice control

Through the Wi-Fi connection, you can control the product via Alexa or Google Home.



Wi-Fi
NWMX
(optional)REMOTE CONTROL
RG10A-D2S-BGEF
(standard)

ILA1-Y

Technical data

Indoor unit				ILA1-Y	27M	35M	53M	70M
Code					89472265	89472270	89472264	89472267
Cooling capacity	Nominal		Btu/h		9.000	12.000	18.000	24.000
			kW		2,64	3,52	5,30	7,03
Heating capacity	Nominal		Btu/h		10.000	13.000	19.000	25.000
			kW		2,93	3,81	5,57	7,33
Dimensions	Unit	L x D x H	mm		726x210x291	835x208x295	969x241x320	1083x244x336
	Packaging	L x D x H	mm		790x270x375	905x290x355	1045x315x405	1155x315x415
Weight	Unit/Packaging		kg		7,80/10,1	8,40/11,0	11,2/14,6	13,6/17,3
Air filter	Type		-		CCF	CCF	CCF	CCF
Airflow			m ³ /h		451/325/255	575/493/454	800/600/500	1090/770/610
Sound power			dB(A)		52	54	56	62
Sound pressure level			dB(A)		37/29/26	38/29/25	41/37/31	46/37/35
Operating Voltage Range	Cooling	Indoor T	°C		17+32	17+32	17+32	17+32
	Heating	Indoor T	°C		0+30	0+30	0+30	0+30
Refrigerant piping	External diameters	Liquid-Gas	mm		Φ6,35 - Φ9,52	Φ6,35 - Φ9,52	Φ6,35 - Φ12,7	Φ9,52 - Φ15,9
			inch.		1/4" - 3/8"	1/4" - 3/8"	1/4" - 1/2"	3/8" - 5/8"
Control system	Infrared remote control		-		RG10A4-D2S-BGEF	RG10A4-D2S-BGEF	RG10A4-D2S-BGEF	RG10A4-D2S-BGEF
	Settable temperature		°C		16+30	16+30	16+30	16+30
Power supply	Voltage/Frequency/Phases		V/Hz/In°		230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1

Fan speed:
i=Hight; Mid=Medium; Lo=Low; Si=Silent
CCF = Cold Catalyst
Test conditions:
according to EN14511 / EN12102

Cooling: indoor air temperature 27°C DB/19°C WB; outdoor air temperature 35°C DB/24°C WB;
Heating: indoor air temperature 20°C DB/15°C WB; outdoor air temperature 7°C DB/6°C WB.
Data declared according to UE 626/2011 delegated regulation

Accessories

Standard

RG10A-D2S-BGEF Infrared remote control for CERVINO / CRISTALLO 2 / EZCOOL / BOX 2 / CONSOLE 3 / DUCT 3 / C&F2 indoor unit

Optionals

NWMX Wi-Fi kit for indoor units

COMPACT 4-WAY CASSETTE

Compact Cassette indoor unit for MULTISplit systems



Product information



Control system



29 dB(A)

Energy saving



Sleep

Optional



Wired controller



Centralised control



BMS Communication



WiFi Control

Comfort



Anti-cold air

Reliability



Self-diagnosis Function



Auto Defrosting



Condensate drain pump

Convenience



Remote On/Off



Error Alarm Port



Auto-restart



Timer

Health

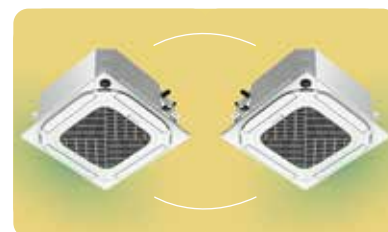


Fresh Air

- ✓ MULTISplit/Light Commercial compatible
- ✓ Compact design for standard 600x600cm modules
- ✓ Build-in drain pump, Available pressure 1000 mm H₂O
- ✓ Panel that integrates perfectly into the ceiling frame

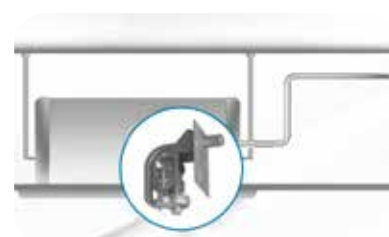
Rotation and backup function

Possibility of operating two units with the same wired remote control (accessory) in the 'Rotation and backup' mode



Build-in drain pump

Available head: 1000 mm H₂O





Wi-Fi
NWMX
(optional)



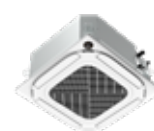
620X620 PANNEL
T-MBQ4-03BD
(mandatory accessory)



WIRED REMOTE CON-
TROL
KJR-120N-12 V
(optional)



REMOTE CONTROL
RG10N2-D2S-BGEF
(standard)



IBA1-Y

Technical data

Indoor unit			IBA1-Y	27M	35M	53M
Code				62242525	62242524	62242526
Cooling capacity	Nominal		Btu/h	9.000	12.000	18.000
			kW	2.64	3.52	5.30
Heating capacity	Nominal		Btu/h	10.000	13.000	19.000
			kW	2.93	4.10	5.40
Dimensions	Unit	L x D x H	mm	570x570x245	570x570x245	570x570x245
	Packaging (Unit)	L x D x H	mm	715x640x295	715x640x295	715x640x295
	Panel	L x D x H	mm	620x620x50	620x620x50	620x620x50
	Packaging (Panel)	L x D x H	mm	715x700x115	715x700x115	715x700x115
Weight	Unit / Packaging		kg	14.6/17.5	16.1/18.8	16.2/19
	Panel / Packaging		kg	2.7/4.3	2.7/4.3	2.7/4.3
Air filter	Type		-	R/W	R/W	R/W
Airflow		Hi/Mid/Lo	m ³ /h	500/460/400	620/520/330	660/540/300
Sound power		Hi	dB(A)	52	55	59
Sound pressure level		Hi/Mid/Lo	dB(A)	37/36/33	42/39/32	44/41/32
Operating Voltage Range	Cooling	Indoor T	°C	17÷32	17÷32	17÷32
	Heating	Indoor T	°C	0÷30	0÷30	0÷30
Refrigerant piping	External diameters	Liquid-Gas	mm	Φ6.35 - Φ9.52	Φ6.35 - Φ9.52	Φ6.35 - Φ12.7
			inch.	1/4" - 3/8"	1/4" - 3/8"	1/4" - 1/2"
Control system	Infrared remote control		-	RG10N2-D2S-BGEF	RG10N2-D2S-BGEF	RG10N2-D2S-BGEF
	Settable temperature		°C	16÷30	16÷30	16÷30
Power supply	Voltage/Frequency/Phases		V/Hz/n°	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1

R/W = Removable/Washable

Test conditions:
according to EN14511 / EN12102

Cooling: indoor air temperature 27°C DB/19°C WB; outdoor air temperature 35°C DB/24°C WB;
Heating: indoor air temperature 20°C DB/15°C WB; outdoor air temperature 7°C DB/6°C WB.
Data declared according to UE 626/2011 delegated regulation

Accessories

Standard

RG10N2-D2S-BGEF Infrared remote control for 4-WAY COMPACT CASSETTE indoor units

Optionals

T-MBQ4-03BD Panel for 4-WAY COMPACT CASSETTE, 360° air delivery, round hole grill. (Mandatory accessory, to be selected separately)

NWMX Wi-Fi kit for indoor units

Control Systems (see dedicated section)

DUCT 3

Ductable indoor unit for MULTISplit systems



Product information



Control system



28 dB(A)

Energy saving



Sleep

Optional



Wired controller



Centralised control



BMS Communication



WiFi Control

Comfort



Anti-cold air

Reliability



Self-diagnosis Function



Auto Defrosting



Condensate drain pump

Convenience



Remote On/Off



Error Alarm Port



Auto-restart

Health



Fresh Air

- ✓ MULTISplit/Light Commercial compatible
- ✓ Constant airflow function: the fan adapts the static pressure to the pressure drops
- ✓ Air return from the back or from below modifiable directly from the building site
- ✓ Build-in drain pump, Available pressure 1000 mm H₂O
- ✓ Both horizontal and vertical installation (excluding sizes 27M and 35M)

Build-in drain pump

Available head: 1000 mm H₂O

Flexible installation

The air intake can be modified in the building site:

- air intake from rear
- air intake from rear

Constant airflow control

With constant air volume control technology, optimal airflow cools every room appropriately with both short pipes and long pipes.

Vertical installation

The unit can also be installed in a vertical position. Sizes 27M and 35M are excluded.



WIRED REMOTE CONTROL
KJR-120N-12 V
(optional)



REMOTE CONTROL
RG10A-D2S-BGEF
(standard)



IDA1-Y

Technical data

Indoor unit			IDA1-Y	27M	35M	53M	70M
Code				62242513	62242512	62242514	62242516
Cooling capacity	Nominal		Btu/h	9.000	12.000	18.000	24.000
			kW	2,64	3,52	5,30	7,03
Heating capacity	Nominal		Btu/h	10.000	13.000	19.000	26.000
			kW	2,93	3,81	5,57	7,62
Dimensions	Unit	L x D x H	mm	700x506x200	700x506x200	700x795x245	1000x795x245
	Packaging	L x D x H	mm	860x540x285	860x540x285	925x850x298	1225x860x304
Weight	Unit/Packaging		kg	16,6/19,8	16,6/19,8	24,4/29	31,8/37,2
Air filter	Type		-	R/W	R/W	R/W	R/W
Airflow		Hi/Mid/Lo	m³/h	620/540/450	660/570/470	900/780/650	1.200/1.000/700
External static pressure		Std (Min+Max)	Pa	25 (0+80)	25 (0+100)	25 (0+160)	25 (0+160)
Sound power		Hi	dB(A)	57	58	60	56
Sound pressure level		Hi/Mid/Lo	dB(A)	40/35/28	41/38/34	41/38/34	34/34/31
Operating Voltage Range	Cooling	Indoor T	°C	17+32	17+32	17+32	17+32
	Heating	Indoor T	°C	0+30	0+30	0+30	0+30
Refrigerant piping	External diameters	Liquid-Gas	mm	Φ6,35 - Φ9,52	Φ6,35 - Φ9,52	Φ6,35 - Φ12,7	Φ9,52 - Φ15,9
			inch.	1/4" - 3/8"	1/4" - 3/8"	1/4" - 1/2"	3/8" - 5/8"
Control system	Infrared remote control		-	RG10A-D2S-BGEF	RG10A-D2S-BGEF	RG10A-D2S-BGEF	RG10A-D2S-BGEF
	Settable temperature		°C	16+30	16+30	16+30	16+30
Power supply	Voltage/Frequency/Phases		V/Hz/n°	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1

R/W = Removable/Washable

Test conditions:
according to EN14511 / EN12102

Cooling: indoor air temperature 27°C DB/19°C WB; outdoor air temperature 35°C DB/24°C WB;
Heating: indoor air temperature 20°C DB/15°C WB; outdoor air temperature 7°C DB/6°C WB.
Data declared according to UE 626/2011 delegated regulation

Accessories

Standard

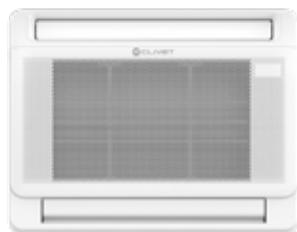
RG10A-D2S-BGEF	Infrared remote control for CERVINO / CRISTALLO 2 / EZCOOL / BOX 2 / CONSOLE 3 / DUCT 3 / C&F2 indoor unit
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Optionals

Control Systems (see dedicated section)

CONSOLE 3

Console indoor unit for MULTI Split Systems



Product information



Control system



28 dB(A)

Energy saving



Sleep

Optional



Wired controller



Centralised control



BMS Communication



WiFi Control

Comfort



Stepless Indoor Fan Speed



Anti-cold air



Temperature Compensation



Multidirectional airflow

Reliability



Self-diagnosis Function

Convenience



Remote On/Off



Timer



Auto-restart

Health



Fresh Air



Cold Catalyst filter

- ✓ MULTISplit/Light Commercial compatible
- ✓ Compact dimensions suitable for installation under a window
- ✓ Selection of active air supply nozzles according to the situation

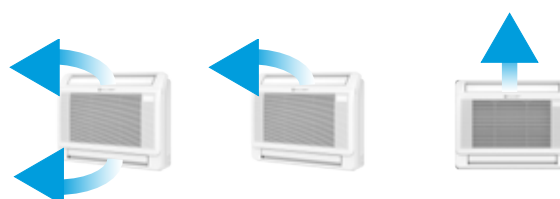
Supersilent

Thanks to the new double tangential fan system, noise is reduced to the lowest of its category.

Double flow for front return air supply

Selectable air supply:

1. From the bottom and from the top
2. From the top only



Wi-Fi
NWMX
(optional)WIRED REMOTE CON-
TROL
KJR-120N-12 V
(optional)
(MKCX kit necessary)WIRED REMOTE
CONTROL
KJR-120X2-TFBG-E
(optional)
(MKCX kit necessary)REMOTE CONTROL
RG10A-D2S-BGEF
(standard)

IC3-Y

Technical data

Indoor unit			IC3-Y	27M	35M	53M
Code				89472268	89472266	89472269
Cooling capacity	Nominal		Btu/h	9.000	12.000	17.000
			kW	2,64	3,52	4,98
Heating capacity	Nominal		Btu/h	10.000	13.000	18.000
			kW	2,93	3,81	5,30
Dimensions	Unit	L x D x H	mm	794x206x621	794x206x621	794x206x621
	Packaging	L x D x H	mm	865x280x719	865x280x719	865x280x719
Weight	Unit/Packaging		kg	14,9/18,8	14,9/18,8	14,9/18,8
Air filter	Type		-	R/W	R/W	R/W
Airflow		Hi/Mid/Lo	m ³ /h	650/580/490	650/580/490	780/690/600
Sound power		Hi	dB(A)	54	54	55
Sound pressure level		Hi/Mid/Lo	dB(A)	37/34/27	37/34/27	41/38/32
Operating Voltage Range	Cooling	Indoor T	°C	17+32	17+32	17+32
	Heating	Indoor T	°C	0+30	0+30	0+30
Refrigerant piping	External diameters	Liquid-Gas	mm	Φ6,35 - Φ9,52	Φ6,35 - Φ9,52	Φ6,35 - Φ12,7
			inch.	1/4" - 3/8"	1/4" - 3/8"	1/4" - 1/2"
Control system	Infrared remote control		-	RG10A-D2S-BGEF	RG10A-D2S-BGEF	RG10A-D2S-BGEF
	Settable temperature		°C	16+30	16+30	16+30
Power supply	Voltage/Frequency/Phases		V/Hz/n°	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1

R/W = Removable/Washable

Test conditions:
according to EN14511 / EN12102Cooling: indoor air temperature 27°C DB/19°C WB; outdoor air temperature 35°C DB/24°C WB;
Heating: indoor air temperature 20°C DB/15°C WB; outdoor air temperature 7°C DB/6°C WB.
Data declared according to UE 626/2011 delegated regulation

Accessories

Standard

RG10A-D2S-BGEF	Infrared remote control for CERVINO / CRISTALLO 2 / EZCOOL / BOX 2 / CONSOLE 3 / DUCT 3 / C&F2 indoor unit
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Optionals

NWMX	Wi-fi kit for indoor units
MKCX	Multifunction board that makes the indoor unit available for Remote ON / OFF, Alarm port and XYE Port (required for connection of Wired controller, Centralized wired controller, Data Converter, BMS Gateway) The ON-OFF/Alarm/XYE/Wi-Fi port functions can be used simultaneously

Control Systems	(see dedicated section)
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CEILING & FLOOR 2

Ceiling and floor indoor unit for MULTISplit systems



Product information



Control system



36
dB(A)

Energy saving



Sleep

Optional



Wired controller



Centralised control



BMS Communication



WiFi Control

Comfort



Anti-cold air



Temperature Compensation



Multidirectional airflow

Reliability



Self-diagnosis Function



Auto Defrosting

Convenience



Remote On/Off



Error Alarm Port



Auto-restart

Health



Fresh Air

- ✓ MULTISplit/Light Commercial compatible
- ✓ Vertical or horizontal, ceiling or floor installation
- ✓ Predisposition to operate with a fresh air fraction

Slim design

Redesigned internal parts for durability and a slimmer chassis. The new air conditioner is slimmer and lighter than before.

Multidirectional airflow

Vertical air flow and horizontal airflow can be adjusted by remote controller to direct air flow to every corner of the room.





Wi-Fi
WF-60A1-C
(optional)



WIRED REMOTE
CONTROL
KJR-120N-12 V
(optional)



WIRED REMOTE
CONTROL
KJR-120X2-TFBG-E
(optional)



REMOTE CON-
TROL
RG10A-D2S-BGEF
(standard)



IF3-XY

Technical data

Indoor unit			IF3-XY	53M
Code				89092229
Cooling capacity	Nominal		Btu/h	18.000
			kW	5,30
Heating capacity	Nominal		Btu/h	19.000
			kW	5,57
Dimensions	Unit	L x D x H	mm	1068x675x235
	Packaging	L x D x H	mm	1145x755x318
Weight	Unit/Packaging		kg	25,0/29,7
Air filter	Type		-	R/W
Airflow		Hi/Mid/Lo	m³/h	958/839/723
Sound power		Hi	dB(A)	57
Sound pressure level		Hi/Mi/Lo	dB(A)	44/41/37
Operating Voltage Range	Cooling	Indoor T	°C	17+32
	Heating	Indoor T	°C	0+30
Refrigerant piping	External diameters	Liquid-Gas	mm	Φ6,35 - Φ12,7
			inch.	1/4" - 1/2"
Control system	Infrared remote control		-	RG10A-D2S-BGEF
	Settable temperature		°C	16+30
Power supply	Voltage/Frequency/Phases		V/Hz/n°	230 / 50 / 1

R/W = Removable/Washable

Test conditions:
according to EN14511 / EN12102

Cooling: indoor air temperature 27°C DB/19°C WB; outdoor air temperature 35°C DB/24°C WB;
Heating: indoor air temperature 20°C DB/15°C WB; outdoor air temperature 7°C DB/6°C WB.
Data declared according to UE 626/2011 delegated regulation

Accessories

Standard

RG10A-D2S-BGEF	Infrared remote control for CERVINO / CRISTALLO 2 / EZCOOL / BOX 2 / CONSOLE 3 / DUCT 3 / C&F2 indoor unit
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Optionals

WF-60A1-C	Smart port kit for the not hinwall indoor unit management via Wi-Fi (it includes adaptor and USB key)
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Control Systems	(see dedicated section)
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Outdoor unit: MU2-Y 41M (DUAL)

Cooling

OUTDOOR UNIT	INDOOR UNIT		COOLING CAPACITY [kW]		TOTAL COOLING CAPACITY [kW]			ABSORBED CAPACITY COOLING [kW]			TOTAL COOLING CURRENT [A]			EER	SEASONAL EFFICIENCY (EN14825)			
	A	B	A	B	Min.	Std.	Max.	Min.	Std.	Max.	Min.	Std.	Max.		Class	SEER	Pd [kW]	CEA [kWh]
MU2-Y41M (1x1)	27M 9.000	—	2,50	—	1,23	2,50	3,20	0,30	0,77	0,96	1,30	3,34	4,18	3,25	—	—	—	—
	35M 12.000	—	3,50	—	1,23	3,50	3,90	0,30	1,08	1,35	1,30	4,68	5,85	3,25	—	—	—	—
	53M 18.000	—	4,10	—	1,35	4,10	4,90	0,40	1,27	1,59	1,74	5,52	6,90	3,23	—	—	—	—
MU2-Y41M (1x2)	20M 8.000	27M 9.000	1,79	2,31	1,76	4,10	4,92	0,44	1,27	1,59	1,93	5,52	6,90	3,23	A++	6,90	4,10	210
	20M 8.000	35M 12.000	1,51	2,59	1,76	4,10	4,92	0,44	1,27	1,59	1,93	5,52	6,90	3,23	A++	6,90	4,10	210
	27M 9.000	27M 9.000	2,05	2,05	1,76	4,10	4,92	0,44	1,27	1,59	1,93	5,52	6,90	3,23	A++	6,90	4,10	210
	27M 9.000	35M 12.000	1,76	2,34	1,76	4,10	4,92	0,44	1,27	1,59	1,93	5,52	6,90	3,23	A++	6,90	4,10	210

Notes Pd = Pdesign CEA = Annual Energy Consumption

Heating

OUTDOOR UNIT	INDOOR UNIT		HEATING CAPACITY [kW]		HEATING TOTAL CAPACITY [kW]			ABSORBED HEATING CAPACITY [kW]			TOTAL COOLING CURRENT [A]			COP	SEASONAL EFFICIENCY (EN14825)			
	A	B	A	B	Min.	Std.	Max.	Min.	Std.	Max.	Min.	Std.	Max.		Class	SCOP	Pd [kW]	CEA [kWh]
MU2-Y41M (1x1)	27M 9.000	—	2,92	—	1,32	2,90	3,36	0,28	0,78	0,97	1,22	3,38	4,23	3,73	—	—	—	—
	35M 12.000	—	3,75	—	1,32	3,80	4,31	0,28	1,02	1,28	1,22	4,44	5,55	3,72	—	—	—	—
	53M 18.000	—	4,40	—	1,45	4,40	5,24	0,38	1,19	1,48	1,65	5,16	6,45	3,71	—	—	—	—
MU2-Y41M (1x2)	27M 9.000	27M 9.000	2,20	2,20	1,89	4,40	5,28	0,42	1,19	1,48	1,80	5,16	6,45	3,71	A+	4,00	3,80	1330
	27M 9.000	35M 12.000	1,89	2,51	1,89	4,40	5,28	0,42	1,19	1,48	1,80	5,16	6,45	3,71	A+	4,00	3,80	1330

Notes Pd = Pdesign CEA = Annual Energy Consumption

Outdoor unit: MU2-Y 53M (DUAL)

Cooling

OUTDOOR UNIT	INDOOR UNIT		COOLING CAPACITY [kW]		TOTAL COOLING CAPACITY [kW]			ABSORBED CAPACITY COOLING [kW]			TOTAL COOLING CURRENT [A]			EER	SEASONAL EFFICIENCY (EN14825)			
	A	B	A	B	Min.	Std.	Max.	Min.	Std.	Max.	Min.	Std.	Max.		Class	SEER	Pd [kW]	CEA [kWh]
MU2-Y53M (1x1)	27M 9.000	—	2,50	—	1,43	2,50	3,20	0,35	0,75	0,93	1,52	3,24	4,06	3,35	—	—	—	—
	35M 12.000	—	3,50	—	1,43	3,50	3,90	0,35	1,08	1,29	1,52	4,68	5,62	3,25	—	—	—	—
	53M 18.000	—	5,00	—	1,64	5,00	5,51	0,45	1,55	1,89	1,96	6,73	8,20	3,23	—	—	—	—
	27M 9.000	27M 9.000	2,65	2,65	2,12	5,30	6,41	0,54	1,64	2,05	2,35	7,13	8,92	3,23	A++	6,30	5,30	300
MU2-Y53M (1x2)	27M 9.000	35M 12.000	2,27	3,03	2,12	5,30	6,41	0,54	1,64	2,05	2,35	7,13	8,92	3,23	A++	6,30	5,30	300
	27M 9.000	53M 18.000	1,77	3,53	2,12	5,30	6,47	0,54	1,64	2,05	2,35	7,13	8,92	3,23	A++	6,30	5,30	300
	35M 12.000	35M 12.000	2,65	2,65	2,12	5,30	6,41	0,54	1,64	2,05	2,35	7,13	8,92	3,23	A++	6,30	5,30	300

Notes Pd = Pdesign CEA = Annual Energy Consumption

Heating

OUTDOOR UNIT	INDOOR UNIT		HEATING CAPACITY [kW]		HEATING TOTAL CAPACITY [kW]			ABSORBED HEATING CAPACITY [kW]			TOTAL COOLING CURRENT [A]			COP	SEASONAL EFFICIENCY (EN14825)			
	A	B	A	B	Min.	Std.	Max.	Min.	Std.	Max.	Min.	Std.	Max.		Class	SCOP	Pd [kW]	CEA [kWh]
MU2-Y 53M (1x1)	27M 9.000	—	3,00	—	1,56	3,00	3,63	0,32	0,80	1,00	1,39	3,48	4,35	3,75	—	—	—	—
	35M 12.000	—	3,80	—	1,56	3,80	4,60	0,32	1,00	1,20	1,39	4,34	5,20	3,81	—	—	—	—
	53M 18.000	—	5,20	—	1,73	5,20	5,79	0,42	1,35	1,88	1,83	5,87	8,16	3,85	—	—	—	—
	27M 9.000	27M 9.000	2,79	2,79	2,23	5,57	6,68	0,51	1,50	1,88	2,22	6,53	8,16	3,71	A+	4,00	4,50	1570
MU2-Y 53M (1x2)	27M 9.000	35M 12.000	2,39	3,18	2,23	5,57	6,68	0,51	1,50	1,88	2,22	6,53	8,16	3,71	A+	4,00	4,50	1570
	27M 9.000	53M 18.000	1,86	3,71	2,23	5,57	6,68	0,51	1,50	1,88	2,22	6,53	8,16	3,71	A+	4,00	4,50	1570
	35M 12.000	35M 12.000	2,79	2,79	2,23	5,57	6,68	0,51	1,50	1,88	2,22	6,53	8,16	3,71	A+	4,00	4,50	1570

Notes Pd = Pdesign CEA = Annual Energy Consumption

Outdoor unit: MU2-Y 53M-3 (TRIPLE)

Cooling

OUTDOOR UNIT	INDOOR UNIT			COOLING CAPACITY [kW]			TOTAL COOLING CAPACITY [kW]			ABSORBED CAPACITY COOLING [kW]			TOTAL COOLING CURRENT [A]			EER	SEASONAL EFFICIENCY (EN14825)			
	A	B	C	A	B	C	Min.	Std.	Max.	Min.	Std.	Max.	Min.	Std.	Max.		Class	SEER	Pd [kW]	CEA [kWh]
MU2-Y53M-3 (1x1)	27M 9.000"	—	—	2,50	—	—	1,43	2,50	3,20	0,35	0,75	0,93	1,52	3,24	4,06	3,35	—	—	—	—
	35M 12.000"	—	—	3,50	—	—	1,43	3,50	3,90	0,35	1,08	1,29	1,52	4,68	5,62	3,25	—	—	—	—
	53M 18.000"	—	—	5,00	—	—	1,64	5,00	5,51	0,45	1,55	1,89	1,96	6,73	8,20	3,23	—	—	—	—
MU2-Y53M-3 (1x2)	27M 9.000	27M 9.000	—	2,64	2,64	—	1,58	5,28	5,80	0,24	1,63	1,96	0,53	6,89	8,35	3,23	A++	6,30	5,28	293
	27M 9.000	35M 12.000	—	2,26	3,01	—	1,58	5,28	5,80	0,24	1,63	1,96	0,53	6,89	8,35	3,23	A++	6,22	5,28	297
	27M 9.000	53M 18.000	—	1,75	3,51	—	1,58	5,26	5,79	0,25	1,65	1,98	0,54	6,96	8,43	3,19	A+	5,96	5,26	309
	35M 12.000	35M 12.000	—	2,64	2,64	—	1,58	5,28	5,80	0,24	1,63	1,96	0,53	6,89	8,35	3,23	A++	6,15	5,28	300
	35M 12.000	53M 18.000	—	2,10	3,16	—	1,58	5,26	5,79	0,25	1,65	1,98	0,54	6,96	8,43	3,19	A+	5,89	5,26	258
MU2-Y53M-3 (1x3)	27M 9.000	27M 9.000	27M 9.000	1,77	1,77	1,77	1,59	5,30	5,83	0,18	1,22	1,47	0,40	5,15	6,24	4,34	A++	7,2	5,3	258

Notes Pd = Pdesign CEA = Annual Energy Consumption

Outdoor unit: MU2-Y 53M-3 (TRIPLE)

Heating

OUTDOOR UNIT	INDOOR UNIT			HEATING CAPACITY [kW]			HEATING TOTAL CAPACITY [kW]			ABSORBED HEATING CAPACITY [kW]			TOTAL COOLING CURRENT [A]			COP	SEASONAL EFFICIENCY (EN14825)			
	A	B	C	A	B	C	Min.	Std.	Max.	Min.	Std.	Max.	Min.	Std.	Max.		Class	SCOP	Pd [kW]	CEA [kWh]
MU2-Y 53M (1x1)	27M 9.000	—	—	3,00	—	—	1,56	3,00	3,63	0,32	0,80	1,00	1,39	3,48	4,35	3,75	—	—	—	—
	35M 12.000	—	—	3,80	—	—	1,56	3,80	4,60	0,32	1,00	1,20	1,39	4,34	5,20	3,81	—	—	—	—
	53M 18.000	—	—	5,20	—	—	1,73	5,20	5,79	0,42	1,35	1,88	1,83	5,87	8,16	3,85	—	—	—	—
MU2-Y 53M (1x2)	27M 9.000	27M 9.000	—	2,78	2,78	—	1,67	5,57	6,13	0,23	1,50	1,80	0,49	6,33	7,67	3,71	A+	4,00	4,50	1575
	27M 9.000	35M 12.000	—	2,39	3,18	—	1,67	5,57	6,13	0,23	1,50	1,80	0,49	6,33	7,67	3,71	A+	4,00	4,50	1576
	27M 9.000	53M 18.000	—	1,86	3,71	—	1,67	5,57	6,12	0,22	1,46	1,75	0,48	6,17	7,48	3,81	A	3,83	4,50	1643
	35M 12.000	35M 12.000	—	2,78	2,78	—	1,67	5,57	6,13	0,23	1,50	1,80	0,49	6,33	7,67	3,71	A+	4,00	4,50	1577
	35M 12.000	53M 18.000	—	2,23	3,34	—	1,67	5,57	6,12	0,22	1,46	1,75	0,48	6,17	7,48	3,81	A	3,83	4,50	1643
	27M 9.000	27M 9.000	27M 9.000	1,77	1,77	1,77	1,59	5,30	5,83	0,17	1,12	1,34	0,37	4,73	5,73	4,73	A+	4,1	4,4	1502

Notes Pd = Pdesign CEA = Annual Energy Consumption

Outdoor unit: MU2-Y 61M (TRIPLE)

Cooling

OUTDOOR UNIT	INDOOR UNIT			COOLING CAPACITY [kW]			TOTAL COOLING CAPACITY [kW]			ABSORBED COOLING CAPACITY [kW]			TOTAL COOLING CURRENT [A]			EER	SEASONAL EFFICIENCY (EN14825)			
	A	B	C	A	B	C	Min.	Std.	Max.	Min.	Std.	Max.	Min.	Std.	Max.		Class	SEER	Pd [kW]	CEA [kWh]
MU2-Y 61M (1x1)	27M 9.000	—	—	2,50	—	—	1,43	2,50	3,20	0,38	0,77	0,97	1,65	3,37	4,21	3,23	—	—	—	—
	35M 12.000	—	—	3,50	—	—	1,43	3,50	3,90	0,38	1,08	1,30	1,65	4,71	5,65	3,23	—	—	—	—
	53M 18.000	—	—	5,00	—	—	1,65	5,00	6,50	0,48	1,55	1,78	2,09	6,73	7,74	3,23	—	—	—	—
MU2-Y 61M (1x2)	27M 9.000	27M 9.000	—	2,65	2,65	—	2,01	5,30	6,41	0,57	1,64	2,08	2,46	7,13	9,03	3,23	A+	5,60	5,30	331
	27M 9.000	35M 12.000	—	2,57	3,43	—	2,01	6,00	6,59	0,57	1,86	2,12	2,46	8,08	9,20	3,23	A+	5,60	6,00	375
	27M 9.000	53M 18.000	—	2,10	4,20	—	2,01	6,30	6,83	0,57	1,95	2,17	2,46	8,48	9,44	3,23	A+	5,60	6,30	394
	35M 12.000	35M 12.000	—	3,10	3,10	—	2,01	6,20	6,83	0,57	1,92	2,17	2,46	8,35	9,44	3,23	A+	5,60	6,20	388
MU2-Y 61M (1x3)	27M 9.000	27M 9.000	27M 9.000	2,03	2,03	2,03	2,44	6,10	7,32	0,68	1,89	2,36	2,96	8,21	10,26	3,23	A++	6,70	6,10	319
	27M 9.000	27M 9.000	35M 12.000	1,83	1,83	2,44	2,44	6,10	7,32	0,68	1,89	2,36	2,96	8,21	10,26	3,23	A++	6,70	6,10	319

Notes Pd = Pdesign CEA = Annual Energy Consumption

Outdoor unit: MU2-Y 61M (TRIPLE)

Heating

OUTDOOR UNIT	INDOOR UNIT			HEATING CAPACITY [kW]			HEATING TOTAL CAPACITY [kW]			ABSORBED HEATING CAPACITY [kW]			TOTAL COOLING CURRENT [A]			COP	SEASONAL EFFICIENCY (EN14825)			
	A	B	C	A	B	C	Min.	Std.	Max.	Min.	Std.	Max.	Min.	Std.	Max.		Class	SCOP	Pd [kW]	CEA [kWh]
MU2-Y 61M (1x1)	27M 9.000	—	—	3,00	—	—	1,43	3,00	3,63	0,35	0,81	1,01	1,52	3,52	4,39	3,71	—	—	—	—
	35M 12.000	—	—	3,80	—	—	1,43	3,80	4,60	0,35	1,02	1,23	1,52	4,45	5,34	3,71	—	—	—	—
	53M 18.000	—	—	5,20	—	—	1,74	5,20	6,64	0,45	1,40	2,00	1,96	6,09	8,69	3,71	—	—	—	—
	27M 9.000	27M 9.000	—	2,95	2,95	—	2,13	5,90	6,77	0,52	1,59	1,91	2,27	6,91	8,31	3,71	A	3,80	4,80	1768
MU2-Y 61M (1x2)	27M 9.000	35M 12.000	—	2,70	3,60	—	2,13	6,30	6,96	0,52	1,70	1,94	2,27	7,38	8,46	3,71	A	3,80	5,12	1886
	27M 9.000	53M 18.000	—	2,20	4,40	—	2,13	6,60	7,22	0,52	1,78	2,00	2,27	7,73	8,69	3,71	A	3,80	5,12	1886
	35M 12.000	35M 12.000	—	3,15	3,15	—	2,13	6,30	7,22	0,52	1,70	2,00	2,27	7,38	8,69	3,71	A	3,80	5,12	1886
	27M 9.000	27M 9.000	27M 9.000	2,15	2,15	2,15	2,26	6,45	7,74	0,62	1,74	2,17	2,72	7,56	9,44	3,71	A+	4,00	5,20	1820
MU2-Y 61M (1x3)	27M 9.000	27M 9.000	35M 12.000	1,93	1,93	2,58	2,26	6,45	7,74	0,62	1,74	2,17	2,72	7,56	9,44	3,71	A+	4,00	5,20	1820

Notes Pd = Pdesign CEA = Annual Energy Consumption

Outdoor unit: MU2-Y 79M (TRIPLE)

Cooling

OUTDOOR UNIT	INDOOR UNIT			COOLING CAPACITY [kW]			TOTAL COOLING CAPACITY [kW]			ABSORBED COOLING CAPACITY [kW]			TOTAL COOLING CURRENT [A]			EER	SEASONAL EFFICIENCY (EN14825)			
	A	B	C	A	B	C	Min.	Std.	Max.	Min.	Std.	Max.	Min.	Std.	Max.		Class	SEER	Pd [kW]	CEA [kWh]
MU2-Y79M (1x1)	27M 9.000	—	—	2,50	—	—	1,58	2,50	3,20	0,40	0,77	0,97	1,74	3,37	4,21	3,23	—	—	—	—
	35M 12.000	—	—	3,50	—	—	1,58	3,50	3,90	0,40	1,08	1,30	1,74	4,71	5,65	3,23	—	—	—	—
	53M 18.000	—	—	5,00	—	—	1,78	5,00	6,50	0,50	1,55	1,78	2,17	6,73	7,74	3,23	—	—	—	—
	27M 9.000	27M 9.000	—	2,65	2,65	—	2,21	5,30	7,11	0,64	1,64	2,45	2,76	7,13	10,63	3,23	A+	5,60	5,30	331
MU2-Y79M (1x2)	27M 9.000	35M 12.000	—	2,57	3,43	—	2,21	6,00	7,51	0,64	1,86	2,57	2,76	8,08	11,17	3,23	A+	5,60	6,00	375
	27M 9.000	53M 18.000	—	2,27	4,53	—	2,21	6,80	7,90	0,64	2,11	2,69	2,76	9,15	11,70	3,23	A+	5,60	6,80	425
	35M 12.000	35M 12.000	—	3,15	3,15	—	2,21	6,30	7,66	0,64	1,95	2,64	2,76	8,48	11,48	3,23	A+	5,60	6,30	394
	35M 12.000	53M 18.000	—	2,72	4,08	—	2,21	6,80	7,90	0,64	2,11	2,69	2,76	9,15	11,70	3,23	A+	5,60	6,80	425
MU2-Y79M (1x3)	27M 9.000	27M 9.000	27M 9.000	2,63	2,63	2,63	2,77	7,90	8,69	0,76	2,45	2,91	3,30	10,63	12,65	3,23	A++	6,10	7,90	453
	27M 9.000	27M 9.000	35M 12.000	2,37	2,37	3,16	2,77	7,90	8,69	0,76	2,45	2,91	3,30	10,63	12,65	3,23	A++	6,10	7,90	453
	27M 9.000	35M 12.000	35M 12.000	2,15	2,87	2,87	2,77	7,90	8,69	0,76	2,45	2,91	3,30	10,63	12,65	3,23	A++	6,10	7,90	453
	35M 12.000	35M 12.000	35M 12.000	2,63	2,63	2,63	2,77	7,90	8,69	0,76	2,45	2,91	3,30	10,63	12,65	3,23	A++	6,10	7,90	453

Notes Pd = Pdesign CEA = Annual Energy Consumption

Outdoor unit: MU2-Y 79M (TRIPLE)

Heating

OUTDOOR UNIT	INDOOR UNIT			HEATING CAPACITY [kW]			HEATING TOTAL CAPACITY [kW]			ABSORBED HEATING CAPACITY [kW]			TOTAL COOLING CURRENT [A]			COP	SEASONAL EFFICIENCY (EN14825)			
	A	B	C	A	B	C	Min.	Std.	Max.	Min.	Std.	Max.	Min.	Std.	Max.		Class	SCOP	Pd [kW]	CEA [kWh]
MU2-Y79M (1x1)	27M 9.000	—	—	3,00	—	—	1,64	3,00	3,20	0,40	0,80	1,01	1,74	3,50	4,37	3,73	—	—	—	—
	35M 12.000	—	—	3,80	—	—	1,64	3,80	3,90	0,40	1,02	1,22	1,74	4,43	5,32	3,73	—	—	—	—
	53M 18.000	—	—	5,20	—	—	1,89	5,20	7,22	0,50	1,39	1,59	2,17	6,03	6,93	3,75	—	—	—	—
MU2-Y79M (1x2)	27M 9.000	27M 9.000	—	3,00	3,00	—	2,30	6,00	7,39	0,57	1,62	2,21	2,50	7,03	9,62	3,71	A	3,80	5,10	1879
	27M 9.000	35M 12.000	—	2,70	3,60	—	2,30	6,30	7,80	0,57	1,70	2,32	2,50	7,38	10,10	3,71	A	3,80	5,10	1879
	27M 9.000	53M 18.000	—	2,33	4,67	—	2,30	7,00	8,21	0,57	1,89	2,43	2,50	8,20	10,58	3,71	A	3,80	5,10	1879
	35M 12.000	35M 12.000	—	3,25	3,25	—	2,30	6,50	7,96	0,57	1,75	2,39	2,50	7,62	10,39	3,71	A	3,80	5,10	1879
	35M 12.000	53M 18.000	—	2,80	4,20	—	2,30	7,00	8,21	0,57	1,89	2,43	2,50	8,20	10,58	3,71	A	3,80	5,10	1879
MU2-Y79M (1x3)	27M 9.000	27M 9.000	27M 9.000	2,73	2,73	2,73	2,87	8,21	9,85	0,68	2,21	2,76	2,98	9,62	12,02	3,71	A+	4,00	5,50	1925
	27M 9.000	27M 9.000	35M 12.000	2,46	2,46	3,28	2,87	8,20	9,85	0,68	2,21	2,76	2,98	9,61	12,02	3,71	A+	4,00	5,50	1925
	27M 9.000	35M 12.000	35M 12.000	2,24	2,98	2,98	2,87	8,20	9,85	0,68	2,21	2,76	2,98	9,61	12,02	3,71	A+	4,00	5,50	1925
	35M 12.000	35M 12.000	35M 12.000	2,73	2,73	2,73	2,87	8,20	9,85	0,68	2,21	2,76	2,98	9,61	12,02	3,71	A+	4,00	5,50	1925

Notes Pd = Pdesign CEA = Annual Energy Consumption

Outdoor unit: MU2-Y 82M (QUADRI)

Cooling

MULTISPLIT	OUTDOOR UNIT	INDOOR UNIT				COOLING CAPACITY [kW]				TOTAL COOLING CAPACITY [kW]			ABSORBED COOLING CAPACITY [kW]			TOTAL COOLING CURRENT [A]			EER	SEASONAL EFFICIENCY (EN14825)			
		A	B	C	D	A	B	C	D	Min.	Std.	Max.	Min.	Std.	Max.	Min.	Std.	Max.		Class	SEER	Pd [kW]	CEA [kWh]
	MU2-Y 82M (1x1)	27M 9.000	—	—	—	2,50	—	—	—	1,52	2,50	3,20	0,40	0,77	0,97	1,74	3,37	4,21	3,23	—	—	—	—
		35M 12.000	—	—	—	3,50	—	—	—	1,52	3,50	3,90	0,40	1,08	1,30	1,74	4,71	5,65	3,23	—	—	—	—
		53M 18.000	—	—	—	5,00	—	—	—	1,72	5,00	6,50	0,50	1,55	1,78	2,17	6,73	7,74	3,23	—	—	—	—
		27M 9.000	27M 9.000	—	—	2,65	2,65	—	—	2,05	5,30	6,81	0,63	1,64	2,28	2,76	7,13	9,93	3,23	A	5,10	5,30	364
	MU2-Y 82M (1x2)	27M 9.000	35M 12.000	—	—	2,57	3,43	—	—	2,05	6,00	6,97	0,63	1,86	2,41	2,76	8,08	10,49	3,23	A	5,10	6,00	412
		27M 9.000	53M 18.000	—	—	2,43	4,87	—	—	2,05	7,30	7,54	0,63	2,26	2,79	2,76	9,83	12,14	3,23	A	5,10	7,30	501
		35M 12.000	35M 12.000	—	—	3,25	3,25	—	—	2,05	6,50	7,38	0,63	2,01	2,49	2,76	8,75	10,82	3,23	A	5,10	6,50	446
		35M 12.000	53M 18.000	—	—	2,92	4,38	—	—	2,05	7,30	7,54	0,63	2,26	2,79	2,76	9,83	12,14	3,23	A	5,10	7,30	501
		53M 18.000	53M 18.000	—	—	3,75	3,75	—	—	2,05	7,50	7,54	0,63	2,32	2,79	2,76	10,10	12,14	3,23	A	5,10	7,50	515
	MU2-Y 82M (1x3)	27M 9.000	27M 9.000	27M 9.000	—	2,37	2,37	2,37	—	2,62	7,10	8,45	0,76	2,20	2,94	3,31	9,56	12,80	3,23	A++	6,50	7,10	382
		27M 9.000	27M 9.000	35M 12.000	—	2,34	2,34	3,12	—	2,62	7,80	8,45	0,76	2,41	2,94	3,31	10,50	12,80	3,23	A++	6,50	7,80	420
		27M 9.000	27M 9.000	53M 18.000	—	1,95	1,95	3,90	—	2,62	7,80	8,45	0,76	2,41	2,94	3,31	10,50	12,80	3,23	A++	6,50	7,80	420
		27M 9.000	35M 12.000	35M 12.000	—	2,13	2,84	2,84	—	2,62	7,80	8,45	0,76	2,41	2,94	3,31	10,50	12,80	3,23	A++	6,50	7,80	420
		27M 9.000	35M 12.000	53M 18.000	—	1,80	2,40	3,60	—	2,62	7,80	8,45	0,76	2,41	2,94	3,31	10,50	12,80	3,23	A++	6,50	7,80	420
		35M 12.000	35M 12.000	35M 12.000	—	2,60	2,60	2,60	—	2,62	7,80	8,45	0,76	2,41	2,94	3,31	10,50	12,80	3,23	A++	6,50	7,80	420
	MU2-Y 82M (1x4)	27M 9.000	27M 9.000	27M 9.000	27M 9.000	2,05	2,05	2,05	2,05	2,87	8,20	9,92	0,86	2,54	3,17	3,75	11,04	13,80	3,23	A++	7,20	8,20	399
		27M 9.000	27M 9.000	27M 9.000	35M 12.000	1,89	1,89	1,89	2,52	2,87	8,20	9,92	0,86	2,54	3,17	3,75	11,04	13,80	3,23	A++	7,20	8,20	399

Notes Pd = Pdesign CEA = Annual Energy Consumption

Outdoor unit: MU2-Y 82M (QUADRI)

Heating

OUTDOOR UNIT	INDOOR UNIT				HEATING CAPACITY [kW]				HEATING TOTAL CAPACITY [kW]			ABSORBED HEATING CAPACITY [kW]			TOTAL COOLING CURRENT [A]			COP	SEASONAL EFFICIENCY (EN14825)			
	A	B	C	D	A	B	C	D	Min.	Std.	Max.	Min.	Std.	Max.	Min.	Std.	Max.		Class	SCOP	Pd [kW]	CEA [kWh]
MU2-Y 82M (1x1)	27M 9.000	—	—	—	3,00	—	—	—	1,63	3,00	3,20	0,40	0,80	1,00	1,74	3,48	4,35	3,75	—	—	—	—
	35M 12.000	—	—	—	3,80	—	—	—	1,63	3,80	3,90	0,40	1,01	1,22	1,74	4,41	5,29	3,75	—	—	—	—
	53M 18.000	—	—	—	5,60	—	—	—	1,85	5,60	6,78	0,50	1,48	1,70	2,17	6,44	7,41	3,78	—	—	—	—
	27M 9.000	27M 9.000	—	—	3,00	3,00	—	—	2,20	6,00	7,30	0,59	1,57	2,13	2,58	6,85	9,28	3,81	A	3,40	4,62	1902
MU2-Y 82M (1x2)	27M 9.000	35M 12.000	—	—	3,00	4,00	—	—	2,20	7,00	7,48	0,59	1,84	2,25	2,58	7,99	9,80	3,81	A	3,40	5,39	2219
	27M 9.000	53M 18.000	—	—	2,63	5,27	—	—	2,20	7,90	8,10	0,59	2,05	2,61	2,58	8,92	11,34	3,85	A	3,40	6,08	2505
	35M 12.000	35M 12.000	—	—	3,75	3,75	—	—	2,20	7,50	7,92	0,59	1,97	2,32	2,58	8,56	10,11	3,81	A	3,40	5,78	2378
	35M 12.000	53M 18.000	—	—	3,20	4,80	—	—	2,20	8,00	8,10	0,59	2,08	2,61	2,58	9,03	11,34	3,85	A	3,40	6,08	2505
	53M 18.000	53M 18.000	—	—	4,00	4,00	—	—	2,20	8,00	8,10	0,59	2,08	2,61	2,58	9,03	11,34	3,85	A	3,40	6,08	2505
	27M 9.000	27M 9.000	27M 9.000	—	2,87	2,87	2,87	—	2,82	8,60	9,06	0,71	2,32	2,75	3,09	10,08	11,96	3,71	A	3,80	6,20	2284
MU2-Y 82M (1x3)	27M 9.000	27M 9.000	35M 12.000	—	2,58	2,58	3,44	—	2,82	8,60	9,06	0,71	2,32	2,75	3,09	10,08	11,96	3,71	A	3,80	6,20	2284
	27M 9.000	27M 9.000	53M 18.000	—	2,15	2,15	4,30	—	2,82	8,60	9,06	0,71	2,32	2,75	3,09	10,08	11,96	3,71	A	3,80	6,20	2284
	27M 9.000	35M 12.000	35M 12.000	—	2,35	3,13	3,13	—	2,82	8,60	9,06	0,71	2,32	2,75	3,09	10,08	11,96	3,71	A	3,80	6,20	2284
	27M 9.000	35M 12.000	53M 18.000	—	1,98	2,65	3,97	—	2,82	8,60	9,06	0,71	2,32	2,75	3,09	10,08	11,96	3,71	A	3,80	6,20	2284
	35M 12.000	35M 12.000	35M 12.000	—	2,87	2,87	2,87	—	2,82	8,60	9,06	0,71	2,32	2,75	3,09	10,08	11,96	3,71	A	3,80	6,20	2284
	27M 9.000	27M 9.000	27M 9.000	27M 9.000	2,20	2,20	2,20	2,20	3,08	8,80	10,65	0,81	2,37	2,96	3,51	10,31	12,89	3,71	A+	4,01	6,70	2345
MU2-Y 82M (1x4)	27M 9.000	27M 9.000	27M 9.000	35M 12.000	2,03	2,03	2,03	2,71	3,08	8,80	10,65	0,81	2,37	2,96	3,51	10,31	12,89	3,71	A+	4,01	6,70	2345

Notes Pd = Pdesign CEA = Annual Energy Consumption

Outdoor unit: MU2-Y 105M (QUADRI)

Cooling

MULTISPLIT	OUTDOOR UNIT	INDOOR UNIT				COOLING CAPACITY [kW]				TOTAL COOLING CAPACITY [kW]			ABSORBED COOLING CAPACITY [kW]			TOTAL COOLING CURRENT [A]			EER	SEASONAL EFFICIENCY (EN14825)			
		A	B	C	D	A	B	C	D	Min.	Std.	Max.	Min.	Std.	Max.	Min.	Std.	Max.		Class	SEER	Pd [kW]	CEA [kWh]
MULTISPLIT	MU2-Y105M (1x1)	27M 9.000	—	—	—	2,50	—	—	—	1,58	2,50	3,20	0,45	0,76	0,95	1,96	3,31	4,14	3,28	—	—	—	—
		35M 12.000	—	—	—	3,50	—	—	—	1,58	3,50	3,90	0,45	1,07	1,28	1,96	4,64	5,57	3,28	—	—	—	—
		53M 18.000	—	—	—	5,00	—	—	—	1,79	5,00	6,50	0,58	1,52	1,75	2,52	6,63	7,62	3,28	—	—	—	—
		70M 24.000	—	—	—	7,00	—	—	—	2,21	7,00	8,00	0,62	2,13	2,45	2,70	9,28	10,67	3,28	—	—	—	—
		HYDRO-M	—	—	—	10,60	—	—	—	-	10,60	-	-	3,50	-	-	-	-	3,01	-	-	-	-
MULTISPLIT	MU2-Y105M (1x2)	27M 9.000	27M 9.000	—	—	2,65	2,65	—	—	2,22	5,30	6,86	0,62	1,62	2,45	2,70	7,03	10,65	3,28	A	5,20	5,30	357
		27M 9.000	35M 12.000	—	—	2,57	3,43	—	—	2,22	6,00	7,39	0,62	1,83	2,61	2,70	7,95	11,36	3,28	A	5,20	6,00	404
		27M 9.000	53M 18.000	—	—	2,50	5,00	—	—	2,22	7,50	9,50	0,62	2,29	2,94	2,70	9,94	12,78	3,28	A	5,20	7,50	505
		27M 9.000	70M 24.000	—	—	2,59	6,91	—	—	2,22	9,50	10,02	0,62	2,90	3,12	2,69	12,59	13,57	3,28	A	5,20	9,50	639
		35M 12.000	35M 12.000	—	—	3,50	3,50	—	—	2,22	7,00	7,91	0,62	2,13	2,78	2,70	9,28	12,07	3,28	A	5,20	7,00	471
		35M 12.000	53M 18.000	—	—	3,40	5,10	—	—	2,22	8,50	10,02	0,62	2,59	2,94	2,70	11,27	12,78	3,28	A	5,20	8,50	572
		35M 12.000	70M 24.000	—	—	3,33	6,67	—	—	2,22	10,00	10,55	0,62	3,09	3,19	2,69	13,42	13,85	3,24	A	5,20	10,00	673
		53M 18.000	53M 18.000	—	—	5,00	5,00	—	—	2,22	10,00	10,55	0,62	3,09	3,27	2,70	13,42	14,20	3,24	A	5,20	10,00	673
		27M 9.000	27M 9.000	27M 9.000	—	2,50	2,50	2,50	—	2,85	7,50	10,02	0,78	2,31	3,43	3,41	10,06	14,91	3,24	A+	5,80	7,50	453
		27M 9.000	27M 9.000	35M 12.000	—	2,55	2,55	3,40	—	2,85	8,50	10,55	0,78	2,62	3,43	3,41	11,41	14,91	3,24	A+	5,80	8,50	513
MULTISPLIT	MU2-Y105M (1x3)	27M 9.000	27M 9.000	53M 18.000	—	2,50	2,50	5,00	—	2,85	10,00	11,61	0,78	3,09	3,59	3,41	13,42	15,62	3,24	A+	5,80	10,00	603
		27M 9.000	27M 9.000	70M 24.000	—	2,14	2,14	5,71	—	2,85	10,00	11,61	0,78	3,09	3,59	3,41	13,42	15,62	3,24	A+	5,80	10,00	603
		27M 9.000	35M 12.000	35M 12.000	—	2,59	3,45	3,45	—	2,85	9,50	11,61	0,78	2,93	3,59	3,41	12,75	15,62	3,24	A+	5,80	9,50	573
		27M 9.000	35M 12.000	53M 18.000	—	2,31	3,08	4,62	—	2,85	10,00	11,61	0,78	3,09	3,59	3,41	13,42	15,62	3,24	A+	5,80	10,00	603
		27M 9.000	35M 12.000	70M 24.000	—	2,00	2,67	5,33	—	2,85	10,00	11,61	0,78	3,09	3,59	3,41	13,42	15,62	3,24	A+	5,80	10,00	603
		27M 9.000	53M 18.000	53M 18.000	—	2,00	4,00	4,00	—	2,85	10,00	11,61	0,78	3,09	3,59	3,41	13,42	15,62	3,24	A+	5,80	10,00	603
		35M 12.000	35M 12.000	35M 12.000	—	3,33	3,33	3,33	—	2,85	10,00	11,61	0,78	3,09	3,59	3,41	13,42	15,62	3,24	A+	5,80	10,00	603
		35M 12.000	35M 12.000	53M 18.000	—	2,86	2,86	4,29	—	2,85	10,00	11,61	0,78	3,09	3,59	3,41	13,42	15,62	3,24	A+	5,80	10,00	603
		35M 12.000	35M 12.000	70M 24.000	—	2,50	2,50	5,00	—	2,85	10,00	11,61	0,78	3,09	3,59	3,41	13,42	15,62	3,24	A+	5,80	10,00	603
		35M 12.000	53M 18.000	53M 18.000	—	2,50	3,75	3,75	—	2,85	10,00	11,61	0,78	3,09	3,59	3,41	13,42	15,62	3,24	A+	5,80	10,00	603
MULTISPLIT	MU2-Y105M (1x4)	27M 9.000	27M 9.000	27M 9.000	27M 9.000	2,64	2,64	2,64	2,64	3,69	10,55	13,72	0,88	3,27	3,98	3,83	14,20	17,33	3,23	A++	6,50	10,50	565
		27M 9.000	27M 9.000	27M 9.000	35M 12.000	2,42	2,42	2,42	3,23	3,69	10,50	13,72	0,88	3,25	3,98	3,83	14,13	17,33	3,23	A++	6,50	10,50	565
		27M 9.000	27M 9.000	27M 9.000	53M 18.000	2,10	2,10	2,10	4,20	3,69	10,50	13,72	0,88	3,25	3,98	3,83	14,13	17,33	3,23	A++	6,50	10,50	565
		27M 9.000	27M 9.000	35M 12.000	35M 12.000	2,25	2,25	3,00	3,00	3,69	10,50	13,72	0,88	3,25	3,98	3,83	14,13	17,33	3,23	A++	6,50	10,50	565
		27M 9.000	27M 9.000	35M 12.000	53M 18.000	1,97	1,97	2,63	3,94	3,69	10,50	13,72	0,88	3,25	3,98	3,83	14,13	17,33	3,23	A++	6,50	10,50	565
		27M 9.000	35M 12.000	35M 12.000	35M 12.000	2,10	2,80	2,80	2,80	3,69	10,50	13,72	0,88	3,25	3,98	3,83	14,13	17,33	3,23	A++	6,50	10,50	565
		27M 9.000	35M 12.000	35M 12.000	53M 18.000	1,85	2,47	2,47	3,71	3,69	10,50	13,72	0,88	3,25	3,98	3,83	14,13	17,33	3,23	A++	6,50	10,50	565
		35M 12.000	35M 12.000	35M 12.000	35M 12.000	2,63	2,63	2,63	2,63	3,69	10,50	13,72	0,88	3,25	3,98	3,83	14,13	17,33	3,23	A++	6,50	10,50	565

Notes Pd = Pdesign CEA = Annual Energy Consumption

Outdoor unit: MU2-Y 105M (QUADRI)

Heating

OUTDOOR UNIT	INDOOR UNIT				HEATING CAPACITY [kW]				HEATING TOTAL CAPACITY [kW]			ABSORBED HEATING CAPACITY [kW]			TOTAL COOLING CURRENT [A]			COP	SEASONAL EFFICIENCY (EN14825)			
	A	B	C	D	A	B	C	D	Min.	Std.	Max.	Min.	Std.	Max.	Min.	Std.	Max.		Class	SCOP	Pd [kW]	CEA [kWh]
MU2-Y105M (1x1)	27M 9.000	—	—	—	3,80	—	—	—	1,58	3,80	3,90	0,45	1,02	1,23	1,96	4,45	5,34	3,71	—	—	—	—
	35M 12.000	—	—	—	5,20	—	—	—	1,79	5,20	7,00	0,55	1,40	1,61	2,39	6,09	7,01	3,71	—	—	—	—
	53M 18.000	—	—	—	7,20	—	—	—	1,79	7,20	8,00	0,58	1,94	2,23	2,52	8,44	9,70	3,71	—	—	—	—
	70M 24.000	—	—	—	11,10	—	—	—	—	11,10	—	—	3,00	—	—	—	—	3,71	A	3,80	8,80	3246
	HYDRO-M	—	—	—	2,50	2,50	—	—	2,22	5,00	6,33	0,54	1,35	1,85	2,35	5,86	8,04	3,71	A	3,40	4,34	1787
	27M 9.000	27M 9.000	—	—	3,00	4,00	—	—	2,22	7,00	7,39	0,54	1,89	2,27	2,35	8,20	9,89	3,71	A	3,40	4,65	1915
MU2-Y105M (1x2)	27M 9.000	35M 12.000	—	—	2,93	5,87	—	—	2,22	8,80	9,50	0,54	2,37	2,56	2,35	10,31	11,13	3,71	A	3,40	5,43	2234
	27M 9.000	53M 18.000	—	—	2,67	7,13	—	—	2,22	9,80	10,13	0,54	2,64	2,70	2,35	11,48	11,75	3,71	A	3,40	4,65	1915
	27M 9.000	70M 24.000	—	—	3,75	3,75	—	—	2,22	7,50	7,91	0,54	2,02	2,42	2,35	8,79	10,51	3,71	A	3,40	6,82	2808
	35M 12.000	35M 12.000	—	—	3,76	5,64	—	—	2,22	9,40	10,02	0,54	2,53	2,56	2,35	11,02	11,13	3,71	A	3,40	5,81	2393
	35M 12.000	53M 18.000	—	—	3,33	6,67	—	—	2,22	10,00	10,34	0,54	2,70	2,79	2,35	11,72	12,12	3,71	A	3,40	4,65	1915
	35M 12.000	70M 24.000	—	—	5,05	5,05	—	—	2,22	10,10	10,55	0,54	2,72	2,84	2,35	11,84	12,36	3,71	A	3,50	7,29	2914
MU2-Y105M (1x3)	53M 18.000	53M 18.000	—	—	5,05	5,05	—	—	2,33	10,10	11,10	0,57	2,72	2,99	2,51	12,16	13,19	3,71	A	3,60	7,29	2833
	27M 9.000	27M 9.000	27M 9.000	—	3,33	3,33	3,33	—	2,85	10,00	10,02	0,68	2,70	2,99	2,97	11,72	12,98	3,71	A	3,60	8,60	3344
	27M 9.000	27M 9.000	35M 12.000	—	3,03	3,03	4,04	—	2,85	10,10	10,55	0,68	2,72	2,99	2,97	11,84	12,98	3,71	A	3,60	7,75	3014
	27M 9.000	27M 9.000	53M 18.000	—	2,68	2,68	5,35	—	2,85	10,70	11,61	0,68	2,88	3,13	2,97	12,54	13,60	3,71	A	3,60	8,40	3267
	27M 9.000	27M 9.000	70M 24.000	—	2,29	2,29	6,11	—	2,73	10,70	11,11	0,65	2,88	2,99	2,84	12,54	13,02	3,71	A	3,60	8,40	3267
	27M 9.000	35M 12.000	35M 12.000	—	2,92	3,89	3,89	—	2,85	10,70	11,61	0,68	2,88	3,13	2,97	12,54	13,60	3,71	A	3,60	8,60	3344
MU2-Y105M (1x4)	27M 9.000	35M 12.000	53M 18.000	—	2,47	3,29	4,94	—	2,85	10,70	11,61	0,68	2,88	3,13	2,97	12,54	13,60	3,71	A	3,60	8,60	3344
	27M 9.000	35M 12.000	70M 24.000	—	2,14	2,85	5,71	—	2,85	10,70	11,61	0,68	2,88	3,13	2,97	12,54	13,60	3,71	A	3,60	8,60	3344
	27M 9.000	53M 18.000	53M 18.000	—	2,14	4,28	4,28	—	2,85	10,70	11,61	0,68	2,88	3,13	2,97	12,54	13,60	3,71	A	3,60	8,60	3344
	35M 12.000	35M 12.000	35M 12.000	—	3,57	3,57	3,57	—	2,85	10,70	11,61	0,68	2,88	3,13	2,97	12,54	13,60	3,71	A	3,60	8,60	3344
	35M 12.000	35M 12.000	53M 18.000	—	3,06	3,06	4,59	—	2,85	10,70	11,61	0,68	2,88	3,13	2,97	12,54	13,60	3,71	A	3,60	8,60	3344
	35M 12.000	35M 12.000	70M 24.000	—	2,68	2,68	5,35	—	2,85	10,70	11,61	0,68	2,88	3,13	2,97	12,54	13,60	3,71	A	3,60	8,60	3344
MU2-Y105M (1x4)	35M 12.000	53M 18.000	53M 18.000	—	2,68	4,01	4,01	—	2,85	10,70	11,61	0,68	2,88	3,13	2,97	12,54	13,60	3,71	A	3,60	8,60	3344
	27M 9.000	27M 9.000	27M 9.000	27M 9.000	2,64	2,64	2,64	2,64	3,69	10,55	12,66	0,77	2,84	3,70	3,34	12,36	16,07	3,71	A+	4,00	9,20	3220
	27M 9.000	27M 9.000	27M 9.000	35M 12.000	2,56	2,56	2,56	3,42	3,69	11,10	12,66	0,77	2,99	3,70	3,34	13,01	16,07	3,71	A+	4,00	9,20	3220
	27M 9.000	27M 9.000	27M 9.000	53M 18.000	2,22	2,22	2,22	4,44	3,69	11,10	12,66	0,77	2,99	3,70	3,34	13,01	16,07	3,71	A+	4,00	9,20	3220
	27M 9.000	27M 9.000	35M 12.000	35M 12.000	2,38	2,38	3,17	3,17	3,69	11,10	12,66	0,77	2,99	3,70	3,34	13,01	16,07	3,71	A+	4,00	9,20	3220
	27M 9.000	27M 9.000	35M 12.000	53M 18.000	2,08	2,08	2,78	4,16	3,69	11,10	12,66	0,77	2,99	3,70	3,34	13,01	16,07	3,71	A+	4,00	9,20	3220
MU2-Y105M (1x4)	27M 9.000	35M 12.000	35M 12.000	35M 12.000	2,22	2,96	2,96	2,96	3,69	11,10	12,66	0,77	2,99	3,70	3,34	13,01	16,07	3,71	A+	4,00	9,20	3220
	27M 9.000	35M 12.000	35M 12.000	53M 18.000	1,96	2,61	2,61	3,92	3,69	11,10	12,66	0,77	2,99	3,70	3,34	13,01	16,07	3,71	A+	4,00	9,20	3220
	35M 12.000	35M 12.000	35M 12.000	35M 12.000	2,78	2,78	2,78	2,78	3,69	11,10	12,66	0,77	2,99	3,70	3,34	13,01	16,07	3,71	A+	4,00	9,20	3220
	35M 12.000	35M 12.000	35M 12.000	35M 12.000	2,78	2,78	2,78	2,78	3,69	11,10	12,66	0,77	2,99	3,70	3,34	13,01	16,07	3,71	A+	4,00	9,20	3220
	35M 12.000	35M 12.000	35M 12.000	35M 12.000	2,78	2,78	2,78	2,78	3,69	11,10	12,66	0,77	2,99	3,70	3,34	13,01	16,07	3,71	A+	4,00	9,20	3220
	35M 12.000	35M 12.000	35M 12.000	35M 12.000	2,78	2,78	2,78	2,78	3,69	11,10	12,66	0,77	2,99	3,70	3,34	13,01	16,07	3,71	A+	4,00	9,20	3220

Notes Pd = Pdesign CEA = Annual Energy Consumption

Outdoor unit: MU2-Y 125M (PENTA)

Cooling

MULTISPLIT	OUTDOOR UNIT	INDOOR UNIT					COOLING CAPACITY [kW]					TOTAL COOLING CAPACITY [kW]			ABSORBED COOLING CAPACITY [kW]			TOTAL COOLING CURRENT [A]			EER	SEASONAL EFFICIENCY (EN14825)			
		A	B	C	D	E	A	B	C	D	E	Min.	Std.	Max.	Min.	Std.	Max.	Min.	Std.	Max.		Class	SEER	Pd [kW]	CEA [kWh]
MULTISPLIT	MU2-Y125M (1x1)	27M 9.000	—	—	—	—	2,50	—	—	—	—	1,66	2,50	3,20	0,45	1,28	1,60	1,96	5,56	6,94	3,20	—	—	—	—
		35M 12.000	—	—	—	—	3,50	—	—	—	—	1,66	3,50	3,90	0,45	1,79	2,15	1,96	7,78	9,33	3,18	—	—	—	—
		53M 18.000	—	—	—	—	5,00	—	—	—	—	1,85	5,00	6,50	0,58	1,98	2,28	2,52	8,62	9,91	3,12	—	—	—	—
		70M 24.000	—	—	—	—	7,00	—	—	—	—	2,09	7,00	8,20	0,70	2,30	2,42	3,04	10,00	10,50	3,07	—	—	—	—
MULTISPLIT	MU2-Y125M (1x2)	27M 9.000	27M 9.000	—	—	—	2,65	2,65	—	—	—	2,34	5,30	8,00	0,65	1,88	2,55	2,81	8,19	11,09	3,12	A	5,10	5,30	364
		27M 9.000	35M 12.000	—	—	—	2,57	3,43	—	—	—	2,34	6,00	8,61	0,65	2,13	2,59	2,81	9,27	11,26	3,10	A	5,10	6,00	412
		27M 9.000	53M 18.000	—	—	—	2,50	5,00	—	—	—	2,34	7,50	11,07	0,65	2,66	2,86	2,81	11,59	12,42	3,04	A	5,10	7,50	515
		27M 9.000	70M 24.000	—	—	—	2,65	7,05	—	—	—	2,34	9,70	12,30	0,65	3,45	3,24	2,81	14,98	14,07	2,99	A	5,10	9,70	666
		35M 12.000	35M 12.000	—	—	—	3,50	3,50	—	—	—	2,34	7,00	9,23	0,65	2,49	2,70	2,81	10,81	11,76	3,07	A	5,10	7,00	480
		35M 12.000	53M 18.000	—	—	—	3,40	5,10	—	—	—	2,34	8,50	11,69	0,65	3,02	3,12	2,81	13,13	13,58	3,02	A	5,10	8,50	583
		35M 12.000	70M 24.000	—	—	—	3,33	6,67	—	—	—	2,34	10,00	12,30	0,65	3,55	3,43	2,81	15,45	14,90	2,97	A	5,10	10,00	686
		53M 18.000	53M 18.000	—	—	—	5,25	5,25	—	—	—	2,34	10,50	12,30	0,65	3,73	3,43	2,81	16,22	14,90	2,96	A	5,10	10,50	721
		53M 18.000	70M 24.000	—	—	—	4,93	6,57	—	—	—	2,34	11,50	12,50	0,65	3,88	3,42	2,81	16,88	14,86	2,96	A	5,10	11,50	789
		27M 9.000	27M 9.000	27M 9.000	—	—	2,67	2,67	2,67	—	—	2,89	8,00	10,46	0,80	2,30	3,81	3,48	10,00	16,56	3,05	A	5,30	8,00	528
MULTISPLIT	MU2-Y125M (1x3)	27M 9.000	27M 9.000	35M 12.000	—	—	2,70	2,70	3,60	—	—	2,89	9,00	12,92	0,80	2,59	3,62	3,48	11,25	15,73	3,02	A	5,30	9,00	594
		27M 9.000	27M 9.000	53M 18.000	—	—	2,63	2,63	5,25	—	—	2,89	10,50	12,30	0,80	3,02	3,81	3,48	13,13	16,56	2,97	A	5,30	10,50	693
		27M 9.000	27M 9.000	70M 24.000	—	—	2,46	2,46	6,57	—	—	2,89	11,50	12,92	0,80	3,31	3,96	3,48	14,38	17,22	2,91	A	5,30	11,50	759
		27M 9.000	35M 12.000	35M 12.000	—	—	2,45	3,27	3,27	—	—	2,89	9,00	11,07	0,80	2,59	3,62	3,48	11,25	15,73	2,99	A	5,30	9,00	594
		27M 9.000	35M 12.000	53M 18.000	—	—	2,54	3,38	5,08	—	—	2,89	11,00	11,69	0,80	3,16	3,81	3,48	13,76	16,56	2,94	A	5,30	11,00	726
		27M 9.000	35M 12.000	70M 24.000	—	—	2,30	3,07	6,13	—	—	2,89	11,50	12,92	0,80	3,31	3,96	3,48	14,38	17,22	2,89	A	5,30	11,50	759
		27M 9.000	53M 18.000	53M 18.000	—	—	2,40	4,80	4,80	—	—	2,89	12,00	12,92	0,80	3,45	3,96	3,48	15,01	17,22	2,89	A	5,30	12,00	792
		35M 12.000	35M 12.000	35M 12.000	—	—	3,17	3,17	3,17	—	—	2,89	9,50	11,07	0,80	2,73	3,73	3,48	11,88	16,23	2,97	A	5,30	9,50	627
		35M 12.000	35M 12.000	53M 18.000	—	—	3,29	3,29	4,93	—	—	2,89	11,50	12,92	0,80	3,31	3,96	3,48	14,38	17,22	2,91	A	5,30	11,50	759
		35M 12.000	35M 12.000	70M 24.000	—	—	3,00	3,00	6,00	—	—	2,89	12,00	12,92	0,80	3,45	3,96	3,48	15,01	17,22	2,89	A	5,30	12,00	792
		35M 12.000	53M 18.000	53M 18.000	—	—	3,00	4,50	4,50	—	—	2,89	12,00	12,92	0,80	3,45	3,96	3,48	15,01	17,22	2,89	A	5,30	12,00	792
		35M 12.000	53M 18.000	70M 24.000	—	—	2,67	4,00	5,33	—	—	2,89	12,00	12,92	0,80	4,15	3,95	3,47	18,05	17,17	2,89	A	5,30	12,00	792
		53M 18.000	53M 18.000	53M 18.000	—	—	4,00	4,00	4,00	—	—	2,89	12,00	12,92	0,80	4,15	3,95	3,47	18,05	17,17	2,89	A	5,30	12,00	792

Notes Pd = Pdesign CEA = Annual Energy Consumption

Outdoor unit: MU2-Y 125M (PENTA)

Cooling

OUTDOOR UNIT	INDOOR UNIT					COOLING CAPACITY [kW]					TOTAL COOLING CAPCITY [kW]			ABSORBED COOLING CAPACITY [kW]			TOTAL COOLING CURRENT [A]			EER	SEASONAL EFFICIENCY (EN14825)			
						A	B	C	D	E	Min.	Std.	Max.	Min.	Std.	Max.	Min.	Std.	Max.		Min.	Std.	Max.	Class
MU2-Y125M (1x4)	27M 9.000	27M 9.000	27M 9.000	27M 9.000	—	2,63	2,63	2,63	2,63	—	3,69	10,50	12,92	0,91	3,54	4,18	3,96	15,38	18,16	2,97	A+	5,60	10,50	656
	27M 9.000	27M 9.000	27M 9.000	35M 12.000	—	2,65	2,65	2,65	3,54	—	3,69	11,50	13,53	0,91	3,91	4,18	3,96	17,00	18,16	2,94	A+	5,60	11,50	719
	27M 9.000	27M 9.000	27M 9.000	53M 18.000	—	2,40	2,40	2,40	4,80	—	3,69	12,00	13,53	0,91	4,15	4,37	3,96	18,05	18,98	2,89	A+	5,60	12,00	750
	27M 9.000	27M 9.000	27M 9.000	70M 24.000	—	219	219	219	5,84	—	3,69	12,40	13,53	0,91	4,29	4,37	3,96	18,66	18,98	2,89	A+	5,60	12,40	775
	27M 9.000	27M 9.000	35M 12.000	35M 12.000	—	2,46	2,46	3,29	3,29	—	3,69	11,50	13,53	0,91	3,95	4,18	3,96	1716	18,16	2,91	A+	5,60	11,50	719
	27M 9.000	27M 9.000	35M 12.000	53M 18.000	—	2,25	2,25	3,00	4,50	—	3,69	12,00	13,53	0,91	4,15	4,37	3,96	18,05	18,98	2,89	A+	5,60	12,00	750
	27M 9.000	27M 9.000	35M 12.000	70M 24.000	—	2,07	2,07	2,76	5,51	—	3,69	12,40	13,53	0,91	4,29	4,37	3,96	18,66	18,98	2,89	A+	5,60	12,40	775
	27M 9.000	27M 9.000	53M 18.000	53M 18.000	—	2,07	2,07	4,13	4,13	—	3,69	12,40	13,53	0,91	4,29	4,37	3,96	18,66	18,98	2,89	A+	5,60	12,40	775
	27M 9.000	35M 12.000	35M 12.000	35M 12.000	—	2,30	3,07	3,07	3,07	—	3,69	11,50	13,53	0,91	3,98	4,18	3,96	17,30	18,16	2,89	A+	5,60	11,50	719
	27M 9.000	35M 12.000	35M 12.000	53M 18.000	—	219	2,92	2,92	4,38	—	3,69	12,40	13,53	0,91	4,29	4,37	3,96	18,66	18,98	2,89	A+	5,60	12,40	775
	27M 9.000	35M 12.000	35M 12.000	70M 24.000	—	1,96	2,61	2,61	5,22	—	3,69	12,40	13,53	0,91	4,29	4,37	3,96	18,66	18,98	2,89	A+	5,60	12,40	775
	27M 9.000	35M 12.000	53M 18.000	53M 18.000	—	1,96	2,61	3,92	3,92	—	3,69	12,40	13,53	0,91	4,29	4,37	3,96	18,66	18,98	2,89	A+	5,60	12,40	775
	35M 12.000	35M 12.000	35M 12.000	35M 12.000	—	2,88	2,88	2,88	2,88	—	3,69	11,50	13,53	0,91	3,98	4,18	3,96	17,30	18,16	2,89	A+	5,60	11,50	719
	35M 12.000	35M 12.000	35M 12.000	53M 18.000	—	2,76	2,76	2,76	4,13	—	3,69	12,40	13,53	0,91	4,29	4,37	3,96	18,66	18,98	2,89	A+	5,60	12,40	775
MU2-Y125M (1x6)	27M 9.000	27M 9.000	27M 9.000	27M 9.000	27M 9.000	2,46	2,46	2,46	2,46	2,46	4,18	12,30	14,00	1,03	3,80	4,56	4,46	16,51	19,81	3,24	A++	6,10	12,30	710
	27M 9.000	27M 9.000	27M 9.000	27M 9.000	35M 12.000	2,31	2,31	2,31	2,31	3,08	4,18	12,30	14,00	1,03	3,80	4,56	4,46	16,51	19,81	3,24	A++	6,10	12,30	710
	27M 9.000	27M 9.000	27M 9.000	27M 9.000	53M 18.000	2,05	2,05	2,05	2,05	4,10	4,18	12,30	14,00	1,03	3,80	4,56	4,46	16,51	19,81	3,24	A++	6,10	12,30	710
	27M 9.000	27M 9.000	27M 9.000	35M 12.000	35M 12.000	2,17	2,17	2,17	2,89	2,89	4,18	12,30	14,00	1,03	3,80	4,56	4,46	16,51	19,81	3,24	A++	6,10	12,30	710
	27M 9.000	27M 9.000	27M 9.000	35M 12.000	53M 18.000	1,94	1,94	1,94	2,59	3,88	4,18	12,30	14,00	1,03	3,80	4,56	4,46	16,51	19,81	3,24	A++	6,10	12,30	710
	27M 9.000	27M 9.000	35M 12.000	35M 12.000	35M 12.000	2,05	2,05	2,73	2,73	2,73	4,18	12,30	14,00	1,03	3,80	4,56	4,46	16,51	19,81	3,24	A++	6,10	12,30	710
	27M 9.000	35M 12.000	35M 12.000	35M 12.000	35M 12.000	1,94	2,59	2,59	2,59	2,59	4,18	12,30	14,00	1,03	3,80	4,56	4,46	16,51	19,81	3,24	A++	6,10	12,30	710

Notes Pd = Pdesign CEA = Annual Energy Consumption

Outdoor unit: MU2-Y 125M (PENTA)

Heating

MULTISPLIT	OUTDOOR UNIT	INDOOR UNIT					HEATING CAPACITY [kW]					HEATING TOTAL CAPACITY[kW]			ABSORBED HEATING CAPACITY [kW]			TOTAL COOLING CURRENT [A]			COP	SEASONAL EFFICIENCY (EN14825)			
		A	B	C	D	E	A	B	C	D	E	Min.	Std.	Max.	Min.	Std.	Max.	Min.	Std.	Max.		Class	SCOP	Pd [kW]	CEA [kWh]
		27M 9.000	—	—	—	—	3,00	—	—	—	—	1,66	3,00	3,20	0,45	0,80	1,00	1,96	3,48	4,35	3,71	—	—	—	—
MU2-Y 125M (1x1)	35M 12.000	—	—	—	—	—	3,80	—	—	—	—	1,66	3,80	3,90	0,45	1,01	1,22	1,96	4,41	5,29	3,71	—	—	—	—
	53M 18.000	—	—	—	—	—	5,20	—	—	—	—	1,85	5,20	7,00	0,58	1,38	1,59	2,52	6,01	6,91	3,71	—	—	—	—
	70M 24.000	—	—	—	—	—	7,20	—	—	—	—	2,09	7,20	8,50	0,70	1,90	2,00	3,04	8,28	8,70	3,71	—	—	—	—
	27M 9.000	27M 9.000	—	—	—	—	3,00	3,00	—	—	—	2,34	6,00	8,00	0,56	1,58	2,22	2,45	6,86	9,66	3,71	B	3,00	6,20	2893
	27M 9.000	35M 12.000	—	—	—	—	2,91	3,89	—	—	—	2,34	6,80	8,61	0,56	1,79	2,25	2,45	7,78	9,80	3,71	B	3,00	6,80	3173
MU2-Y 125M (1x2)	27M 9.000	53M 18.000	—	—	—	—	2,93	5,87	—	—	—	2,34	8,80	11,07	0,56	2,32	2,49	2,45	10,07	10,81	3,71	B	3,00	8,50	3967
	27M 9.000	70M 24.000	—	—	—	—	2,78	7,42	—	—	—	2,34	10,20	12,30	0,56	2,68	2,82	2,45	11,67	12,25	3,71	B	3,00	8,50	3967
	35M 12.000	35M 12.000	—	—	—	—	3,75	3,75	—	—	—	2,34	7,50	9,23	0,56	1,97	2,35	2,45	8,58	10,23	3,71	B	3,00	7,30	3407
	35M 12.000	53M 18.000	—	—	—	—	3,76	5,64	—	—	—	2,34	9,40	11,69	0,56	2,47	2,72	2,45	10,76	11,82	3,71	B	3,00	8,50	3967
	35M 12.000	70M 24.000	—	—	—	—	3,50	7,00	—	—	—	2,34	10,50	12,30	0,56	2,76	2,98	2,45	12,01	12,97	3,71	B	3,00	8,50	3967
	53M 18.000	53M 18.000	—	—	—	—	5,50	5,50	—	—	—	2,34	11,00	12,30	0,56	2,89	2,98	2,45	12,59	12,97	3,71	B	3,00	8,50	3967
	53M 18.000	70M 24.000	—	—	—	—	4,93	6,57	—	—	—	2,34	11,50	12,50	0,56	3,01	2,98	2,45	13,09	12,97	3,71	B	3,00	8,50	3967
	27M 9.000	27M 9.000	27M 9.000	—	—	—	3,33	3,33	3,33	—	—	2,89	10,00	12,30	0,70	2,60	3,32	3,03	11,29	14,41	3,71	B	3,20	8,50	3719
	27M 9.000	27M 9.000	35M 12.000	—	—	—	3,30	3,30	4,40	—	—	2,89	11,00	12,30	0,70	2,86	3,15	3,03	12,42	13,69	3,71	B	3,20	8,50	3719
	27M 9.000	27M 9.000	53M 18.000	—	—	—	2,88	2,88	5,75	—	—	2,89	11,50	12,30	0,70	2,99	3,32	3,03	12,99	14,41	3,71	B	3,20	8,50	3719
MU2-Y 125M (1x3)	27M 9.000	27M 9.000	70M 24.000	—	—	—	2,57	2,57	6,86	—	—	2,89	12,00	12,92	0,70	3,12	3,45	3,03	13,55	14,99	3,71	B	3,20	8,50	3719
	27M 9.000	35M 12.000	35M 12.000	—	—	—	3,14	4,18	4,18	—	—	2,89	11,50	12,30	0,70	2,99	3,15	3,03	12,99	13,69	3,71	B	3,20	8,50	3719
	27M 9.000	35M 12.000	53M 18.000	—	—	—	2,77	3,69	5,54	—	—	2,89	12,00	12,92	0,70	3,12	3,32	3,03	13,55	14,41	3,71	B	3,20	8,50	3719
	27M 9.000	35M 12.000	70M 24.000	—	—	—	2,40	3,20	6,40	—	—	2,89	12,00	12,92	0,70	3,12	3,45	3,03	13,55	14,99	3,71	B	3,20	8,50	3719
	27M 9.000	53M 18.000	53M 18.000	—	—	—	2,40	4,80	4,80	—	—	2,89	12,00	12,92	0,70	3,12	3,45	3,03	13,55	14,99	3,71	B	3,20	8,50	3719
	35M 12.000	35M 12.000	35M 12.000	—	—	—	3,83	3,83	3,83	—	—	2,89	11,50	12,30	0,70	2,99	3,25	3,03	12,99	14,13	3,71	B	3,20	8,50	3719
	35M 12.000	35M 12.000	53M 18.000	—	—	—	3,43	3,43	5,14	—	—	2,89	12,00	12,92	0,70	3,12	3,45	3,03	13,55	14,99	3,71	B	3,20	8,50	3719
	35M 12.000	35M 12.000	70M 24.000	—	—	—	3,00	3,00	6,00	—	—	2,89	12,00	12,92	0,70	3,12	3,45	3,03	13,55	14,99	3,71	B	3,20	8,50	3719
	35M 12.000	53M 18.000	53M 18.000	—	—	—	3,00	4,50	4,50	—	—	2,89	12,00	12,92	0,70	3,12	3,45	3,03	13,55	14,99	3,71	B	3,20	8,50	3719
	35M 12.000	53M 18.000	70M 24.000	—	—	—	2,67	4,00	5,33	—	—	2,89	12,00	12,92	0,70	3,12	3,45	3,03	13,55	14,99	3,71	B	3,20	8,50	3719
	53M 18.000	53M 18.000	53M 18.000	—	—	—	4,00	4,00	4,00	—	—	2,89	12,00	12,92	0,70	3,09	3,45	3,03	13,45	14,99	3,71	B	3,20	8,50	3719

Notes Pd = Pdesign CEA = Annual Energy Consumption

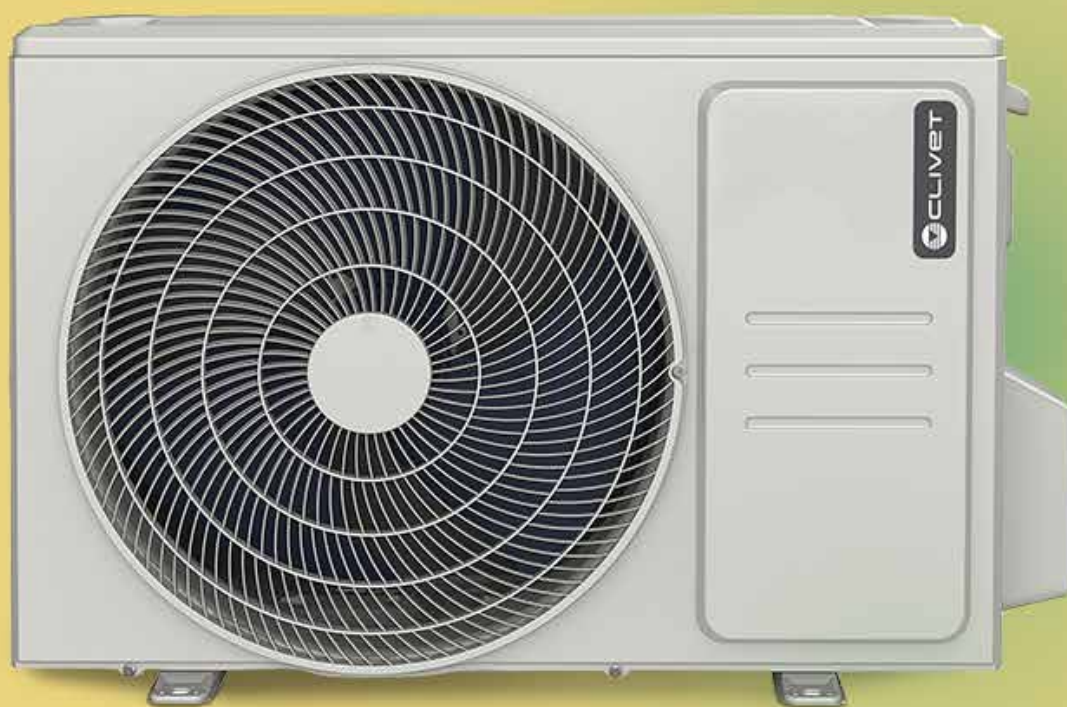
Outdoor unit: MU2-Y 125M (PENTA)

Heating

OUTDOOR UNIT	INDOOR UNIT					HEATING CAPACITY [kW]					HEATING TOTAL CAPACITY[kW]			ABSORBED HEATING CAPACITY [kW]			TOTAL COOLING CURRENT [A]			COP	SEASONAL EFFICIENCY (EN14825)			
	A	B	C	D	E	A	B	C	D	E	Min.	Std.	Max.	Min.	Std.	Max.	Min.	Std.	Max.		Class	SCOP	Pd [kW]	CEA [kWh]
MU2-Y125M (1x4)	27M 9.000	27M 9.000	27M 9.000	27M 9.000	—	3,00	3,00	3,00	3,00	—	3,69	12,00	13,53	0,80	3,07	3,65	3,46	13,34	15,86	3,71	A	3,40	8,80	3624
	27M 9.000	27M 9.000	27M 9.000	35M 12.000	—	2,77	2,77	2,77	3,69	—	3,69	12,00	13,53	0,80	3,07	3,65	3,46	13,34	15,86	3,71	A	3,40	8,80	3624
	27M 9.000	27M 9.000	27M 9.000	53M 18.000	—	2,40	2,40	2,40	4,80	—	3,69	12,00	13,53	0,80	3,07	3,81	3,46	13,34	16,58	3,71	A	3,40	8,80	3624
	27M 9.000	27M 9.000	27M 9.000	70M 24.000	—	2,17	2,17	2,17	5,79	—	3,69	12,30	13,53	0,80	3,15	3,81	3,46	13,68	16,58	3,71	A	3,40	8,80	3624
	27M 9.000	27M 9.000	35M 12.000	35M 12.000	—	2,57	2,57	3,43	3,43	—	3,69	12,00	13,53	0,80	3,07	3,65	3,46	13,34	15,86	3,71	A	3,40	8,80	3624
	27M 9.000	27M 9.000	35M 12.000	53M 18.000	—	2,25	2,25	3,00	4,50	—	3,69	12,00	13,53	0,80	3,07	3,81	3,46	13,34	16,58	3,71	A	3,40	8,80	3624
	27M 9.000	27M 9.000	35M 12.000	70M 24.000	—	2,35	2,35	2,73	5,47	—	3,69	12,30	13,53	0,80	3,15	3,81	3,46	13,68	16,58	3,71	A	3,40	8,80	3624
	27M 9.000	27M 9.000	53M 18.000	53M 18.000	—	2,00	2,00	4,00	4,00	—	3,69	12,00	13,53	0,80	3,07	3,81	3,46	13,34	16,58	3,71	A	3,40	8,80	3624
	27M 9.000	35M 12.000	35M 12.000	35M 12.000	—	2,40	3,20	3,20	3,20	—	3,69	12,00	13,53	0,80	3,07	3,65	3,46	13,34	15,86	3,71	A	3,40	8,80	3624
	27M 9.000	35M 12.000	35M 12.000	53M 18.000	—	2,12	2,82	2,82	4,24	—	3,69	12,00	13,53	0,80	3,07	3,81	3,46	13,34	16,58	3,71	A	3,40	8,80	3624
	27M 9.000	35M 12.000	35M 12.000	70M 24.000	—	1,94	2,59	2,59	5,18	—	3,69	12,30	13,53	0,80	3,15	3,81	3,46	13,68	16,58	3,71	A	3,40	8,80	3624
	27M 9.000	35M 12.000	53M 18.000	53M 18.000	—	1,89	2,53	3,79	3,79	—	3,69	12,00	13,53	0,80	3,07	3,81	3,46	13,34	16,58	3,71	A	3,40	8,80	3624
	35M 12.000	35M 12.000	35M 12.000	35M 12.000	—	3,00	3,00	3,00	3,00	—	3,69	12,00	13,53	0,80	3,07	3,65	3,46	13,34	15,86	3,71	A	3,40	8,80	3624
	35M 12.000	35M 12.000	35M 12.000	53M 18.000	—	2,67	2,67	2,67	4,00	—	3,69	12,00	13,53	0,80	3,07	3,81	3,46	13,34	16,58	3,71	A	3,40	8,80	3624
MU2-Y125M (1x5)	27M 9.000	27M 9.000	27M 9.000	27M 9.000	27M 9.000	2,46	2,46	2,46	2,46	2,46	4,18	12,30	14,94	0,90	3,32	4,14	3,89	14,41	18,02	3,71	A	3,80	9,80	3611
	27M 9.000	27M 9.000	27M 9.000	27M 9.000	35M 12.000	2,31	2,31	2,31	2,31	3,08	4,18	12,30	14,94	0,90	3,32	4,14	3,89	14,41	18,02	3,71	A	3,80	9,80	3611
	27M 9.000	27M 9.000	27M 9.000	27M 9.000	53M 18.000	2,35	2,35	2,35	2,35	4,10	4,18	12,30	14,94	0,90	3,32	4,14	3,89	14,41	18,02	3,71	A	3,80	9,80	3611
	27M 9.000	27M 9.000	27M 9.000	35M 12.000	35M 12.000	2,17	2,17	2,17	2,89	2,89	4,18	12,30	14,94	0,90	3,32	4,14	3,89	14,41	18,02	3,71	A	3,80	9,80	3611
	27M 9.000	27M 9.000	27M 9.000	35M 12.000	53M 18.000	1,94	1,94	1,94	2,59	3,88	4,18	12,30	14,94	0,90	3,32	4,14	3,89	14,41	18,02	3,71	A	3,80	9,80	3611
	27M 9.000	27M 9.000	35M 12.000	35M 12.000	35M 12.000	2,35	2,35	2,73	2,73	2,73	4,18	12,30	14,94	0,90	3,32	4,14	3,89	14,41	18,02	3,71	A	3,80	9,80	3611
	27M 9.000	35M 12.000	35M 12.000	35M 12.000	35M 12.000	1,94	2,59	2,59	2,59	2,59	4,18	12,30	14,94	0,90	3,32	4,14	3,89	14,41	18,02	3,71	A	3,80	9,80	3611

Notes Pd = Pdesign CEA = Annual Energy Consumption

Light Commercial





CASSETTE 4 VIE



BOX 2 950x950



DUCT 3



CONSOLE 3



CEILING & FLOOR

Light commercial

Why choose a Light Commercial system?

- ✓ Systems up to 16 kW, the ideal solution for air conditioning in commercial zones such as offices, banks and meeting rooms,
- ✓ TWIN (T) configuration for a more comfortable environment
- ✓ Can be managed with Wi-Fi, Centralised controllers, data converters or BMS systems

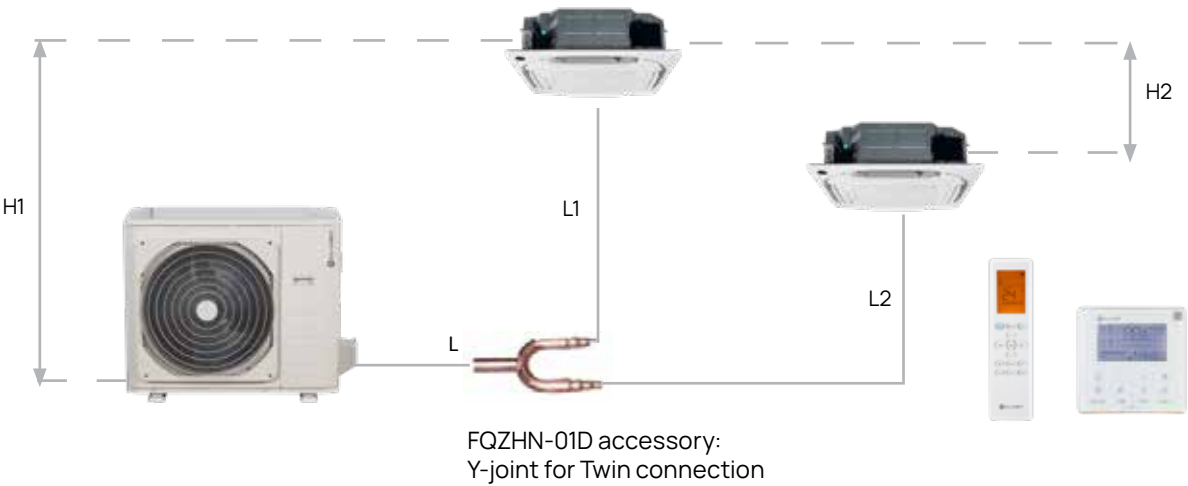
Outdoor/indoor unit combination

INDOOR UNIT	COMPACT 4-WAY CASSETTE		4-WAY CASSETTE						DUCTABLE							
ODU-SL 2	COMPACT 4-WAY CASSETTE		BOX 2 950x950						DUCT 3							
	IBA1-Y		IA3-XY						IDA1-Y							
	35M	53M	70M	88M	105M	120M	140M	160M	35M	53M	70M	88M	105M	120M	140M	160M
MC3-Y 35M	•								•							
MC3-Y 53M		•								•						
MC4-Y 70M			T						T		•					
MC3-Y 70M to exhaustion			T													
MC4-Y 88M				T								•				
MC3-Y 88M to exhaustion				T												
MC3-Y 105M					•					T			•			
MC3-Y 120M						•								•		
MC3-Y 105T					•					T			•			
MC4-Y 140T							•				T				•	
MC3-Y 140T to exhaustion							•									
MC4-Y 160T								•				T				•
MC3-Y 160T to exhaustion								•								

CONSOLE		CEILING & FLOOR					TOWER
CONSOLE 3		CEILING & FLOOR 2					STANDING 2
IC3-Y		IF3-XY					IS3-XY
35M	53M	53M	70M	105M	140M	160M	140M
		T					
		T					
			T				
			T				

A complete system for light commercial applications

TWIN configuration for improved air distribution in the room



		[m]	
Length Piping	Total lenght	65	$L + \text{Max}(L1, L2)$
	Max. length of the single lines	15	$L1, L2$
	Max. length difference between lines L1-L2	10	$L1, L2$
Difference in height	Max. level difference between indoor - outdoor units	20	H1
	Max. level difference between two indoor units	0,5	H2

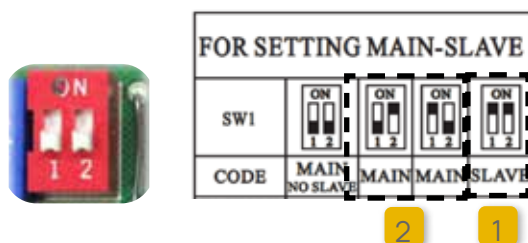
The TWIN indoor units are designed to be installed in one single room.
The control allows to control the main unit while the secondary one follows the on/off, set-point, operating modes and fan speed settings.

Possible combinations

	Indoor unit 1	Indoor unit 2	OUTDOOR UNIT
	IA3-XY 70M	IA3-XY 70M	MC3-Y 140T/MC4-Y 140T
	IA3-XY 88M	IA3-XY 88M	MC3-Y 160T/MC4-Y 160T
	IDA1-Y 35M	IDA1-Y 35M	MC4-Y 70M
	IDA1-Y 53M	IDA1-Y 53M	MC3-Y 105M/105T
	IDA1-Y 70M	IDA1-Y 70M	MC4-Y 140T
	IDA1-Y 88M	IDA1-Y 88M	MC4-Y 160T
	IF3-XY 53M	IF3-XY 53M	MC3-Y 105M/105T
	IF3-XY 70M	IF3-XY 70M	MC3-Y 140T/MC4-Y 140T

Set the indoor units

Set the SW5 switch



1. Slave indoor unit: 1 and 2 both in ON

2. Master indoor unit: alternate position of 1 and 2 (one in ON and the other in OFF)

Technical data

Indoor unit				MC3-Y	35M	53M	70M (to exhaustion)	105M	120M	105T
Code					89092252	89112214	89092257	89092274	87032230	89122200
Dimensions	Unit	L x D x H	mm		765x303x555	805x330x554	890x342x673	946x410x810	946x410x810	946x410x810
	Packaging	L x D x H	mm		887x337x610	915x370x615	995x398x740	1090x500x885	1090x500x885	1090x500x885
Weight	Unit / Packaging		kg		26,6/29,0	32,5/35,2	43,9/46,9	66,9/71,5	71,0/75,0	80,5/85,0
Sound power		Nominal	dB(A)		62	65	69	70	72	70
Sound pressure level		Nominal	dB(A)		54	56	60	63	63	63
Operating Voltage Range	Cooling	Indoor T.	°C							
		Outdoor T.	°CBS							
	Heating	Indoor T.	°C							
		Outdoor T.	°CBU							
Refrigerant	Type/GWP		-				R-32 / 675			
Power supply	Voltage/Frequency/Phases		V/Hz/n°				230 / 50 / 1			400 / 50 / 3 + N
Current - 50Hz	Maximum fuse capacity (MFA)		A			20		30		25

Indoor unit				MC4-Y	70M	88M	140T	160T
Code					62242528	62242529	62242530	62242527
Dimensions	Unit	L x D x H	mm		890x342x673	946x410x810	980x415x975	980x415x975
	Packaging	L x D x H	mm		995x398x740	1.090x500x885	1.145x500x1.080	1.145x500x1.080
Weight	Unit / Packaging		kg		41,9/45,2	51/55,7	90/105	92/107
Sound power		Nominal	dB(A)		69	70	73	74
Sound pressure level		Nominal	dB(A)		60	60	65	64
Operating Voltage Range	Cooling	Indoor T.	°C		16+32	16+32	16+32	16+32
		Outdoor T.	°CBS		-15+50	-15+50	-15+50	-15+50
	Heating	Indoor T.	°C		0+30	0+30	0+30	0+30
		Outdoor T.	°CBU		-20+24	-20+24	-20+24	-20+24
Refrigerant	Type/GWP		-		R-32 / 675	R-32 / 675	R-32 / 675	R-32 / 675
Power supply	Voltage/Frequency/Phases		V/Hz/n°		230 / 50 / 1	230 / 50 / 1	400 / 50 / 3 + N	400 / 50 / 3 + N
Current - 50Hz	Maximum fuse capacity (MFA)		A		30	30	25	25

¹ SEER and SCOP data, relative energy ratings and annual energy consumption in conformity to the EN 14825 standard measurement.

² EER/COP values declared only for tax deductions in force at the time this document was written

R/W = Removable/Washable

Test conditions:

according to EN14511 / EN12102

Cooling: indoor air temperature 27°C DB/19°C WB; outdoor air temperature 35°C DB/24°C WB;

Heating: indoor air temperature 20°C DB/15°C WB; outdoor air temperature 7°C DB/6°C WB.

Data declared according to UE 626/2011 delegated regulation

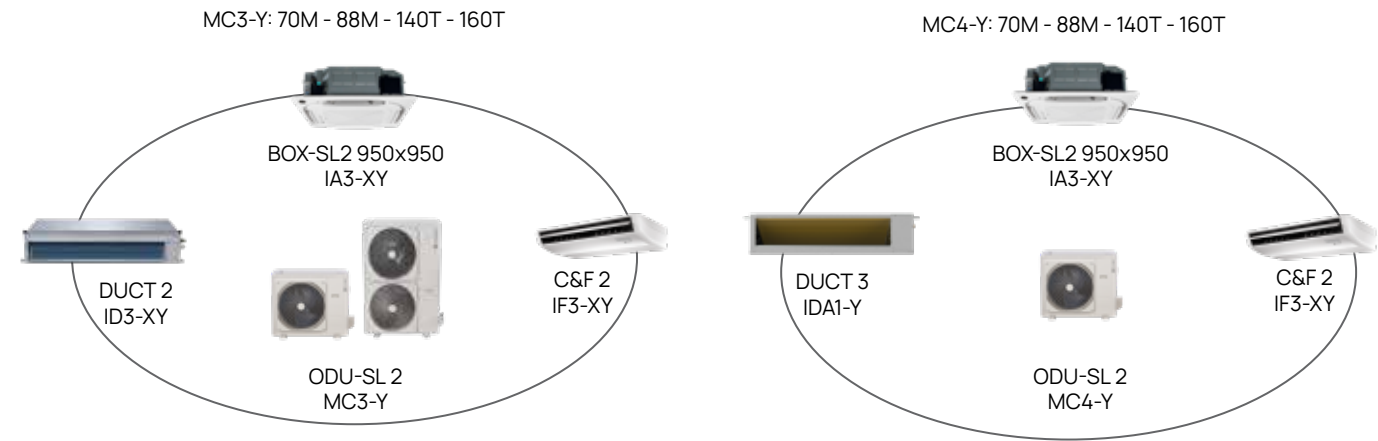
Refrigerant piping and connections

Set			35M	53M	70M	88M	105M	120M	105T	140T	160T
Max equivalent length		m	25	30	50	50	75	75	75	75	75
Max difference in level ODU / IDU		m	±10	±20	±25	±25	±30	±30	±30	±30	±30
Refrigerant precharge		kg / m	0,72 / 5	1,15 / 5	1,5 / 5	2,0 / 5	2,4 / 5	2,8 / 5	2,4 / 5	2,9 / 5	3,0 / 5
External diameters (ODU)	Liquid	mm / inch	Φ6,35 - 1/4"	Φ6,35 - 1/4"	Φ9,52 - 3/8"	Φ9,52 - 3/8"	Φ9,52 - 3/8"	Φ9,52 - 3/8"	Φ9,52 - 3/8"	Φ9,52 - 3/8"	Φ9,52 - 3/8"
	Gas	mm / inch	Φ9,52 - 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"	Φ15,9 - 5/8"	Φ15,9 - 5/8"

Electrical connections

Set				35M	53M	70M	88M	105M	120M	105T	140T	160T
ODU	Power supply	V/Hz/n°		230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	400 / 50 / 3	400 / 50 / 3	400 / 50 / 3
		no. of cables		2 + G	2 + G	2 + G	2 + G	2 + G	2 + G	4 + G	4 + G	4 + G
IDU	Power supply	V/Hz/n°		230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1
		no. of cables		2 + G	2 + G	2 + G	2 + G	2 + G	2 + G	2 + G	2 + G	2 + G
	Signal	no. of cables		1	1	1	1	1	1	1	1	1

Compatibility



COMPACT 4-WAY CASSETTE

Product information



Control System



35 dB(A)



Energy saving



Sleep



Gear

Health



Fresh Air



i-Clean

Reliability



Self-diagnosis Function



Emergency Function



Auto Defrosting



Condensate drain pump



Opposite fan rotation

Convenience



Manual ON/OFF



Remote On/Off



Error Alarm Port



Auto-restart

Comfort



Stepless control compressor



Silent



Anti-cold air



Temperature Compensation

Optional



Wired controller



Centralised control



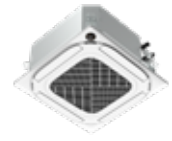
BMS Communication



WiFi Control

Accessories

Standard	
RG10N2-D2S-BGEF	Infrared remote control for 4-WAY COMPACT CASSETTE indoor units
Optionals	
T-MBQ4-03BD	Panel for 4-WAY COMPACT CASSETTE, 360° air delivery, round hole grill. (Mandatory accessory, to be selected separately)
NWMX	Wi-Fi kit for indoor units
Control systems	(see dedicated section)

Wi-Fi
NWMX
(optional)620X620 PANNEL
T-MBQ4-03BD
(mandatory accessory)WIRED REMOTE
CONTROL
KJR-120N-12 V
(optional)REMOTE CONTROL
RG10N2-D2S-BGEF
(standard)

IB3-XY



MC3-Y

Technical data

Set			35M		53M	
Cooling capacity	Nominal (Min.+Max.)	Btu/h	12.000 (2.900+14.200)		18.000 (9.900+20.000)	
	Nominal (Min.+Max.)	kW	3,52 (0,85+4,16)		5,28 (2,90+5,59)	
Heating capacity	Nominal (Min.+Max.)	Btu/h	13.000 (1.600+14.800)		18.000 (8.100+21.500)	
	Nominal (Min.+Max.)	kW	3,81 (0,47+4,34)		5,33 (2,37+6,10)	
Standard power supply	Cooling (Min.+Max.)	W	1.015 (160+1.450)		1.550 (720+2.040)	
	Heating (Min.+Max.)	W	1.020 (125+1.390)		1.420 (700+1.950)	
Rated current input	Cooling (Min.+Max.)	A	4,50 (1,30+6,40)		6,90 (3,20+9,00)	
	Heating (Min.+Max.)	A	4,50 (1,10+6,20)		6,00 (3,10+8,60)	
Seasonal efficiency ¹	Cooling	Energy class	-	A++	A++	
		Design load (Pdesign)	kW	3,50	5,30	
		SEER	-	6,80	6,50	
		Annual energy consumption	kWh/a	184	285	
	Heating Average season	Energy class	-	A+	A+	
		Design load (Pdesign)	kW	2,70	4,20	
		SCOP	-	4,10	4,10	
		Annual energy consumption	kWh/a	922	1.431	
	Heating Warmer season	Energy class	-	A+++	A+++	
		SCOP	-	5,10	5,10	
Standard efficiency ²	EER	-	3,47		3,40	
	COP	-	3,74		3,76	

Indoor unit				IBA1-Y	35M	53M
Code					89102297	89102233
Dimensions	Unit	L x D x H	mm		570x570x245	570x570x245
	Packaging (Unit)	L x D x H	mm		715x640x295	715x640x295
	Panel	L x D x H	mm		620x620x50	620x620x50
	Packaging (Panel)	L x D x H	mm		715x700x115	715x700x115
Weight	Unit / Packaging		kg		16,2/21,4	16,2/21,4
	Panel / Packaging		kg		2,50/4,50	2,50/4,50
Air filter	Type		-		R/W	R/W
Airflow		Hi/Mi/Lo	m ³ /h		569/485/389	680/584/479
Sound power		Hi	dB(A)		57	59
Sound pressure level		Hi/Mid/Lo	dB(A)		42/38/35	46/44/39
Control systems	Infrared remote control		-		RG10N2-D2S-BGEF	RG10N2-D2S-BGEF
	Settable temperature		°C		16+30	16+30
Power supply	Voltage/Frequency/Phases		V/Hz/n°		230 / 50 / 1	230 / 50 / 1

¹ SEER and SCOP data, relative energy ratings and annual energy consumption in conformity to the EN 14825 standard measurement.

² EER/COP values declared only for tax deductions in force at the time this document was written

R/W = Removable/Washable

Test conditions:

according to EN14511 / EN12102

Cooling: indoor air temperature 27°C DB/19°C WB; outdoor air temperature 35°C DB/24°C WB;

Heating: indoor air temperature 20°C DB/15°C WB; outdoor air temperature 7°C DB/6°C WB.

Data declared according to UE 626/2011 delegated regulation

BOX 2 950X950

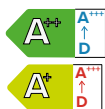
Product information



Control System



42 dB(A)



Energy saving



Sleep



Gear

Health



Fresh Air



i-Clean

Reliability



Self-diagnosis Function



Emergency Function



Auto Defrosting



Condensate drain pump



Opposite fan rotation

Convenience



Manual ON/OFF



Remote On/Off



Error Alarm Port



Louver Position Memory



Auto-restart

Comfort



Stepless control compressor



Silent



Anti-cold air



Temperature Compensation

Optional



Wired controller



Centralised control



BMS Communication



WiFi Control

Accessories

Standard

RG10A-D2S-BGEF

Infrared remote control for CERVINO / CRISTALLO 2 / EZCOOL / BOX 2 / CONSOLE 3 / DUC T 3 indoor unit / C&F2

Optionals

T-MBQ4-04B

Panel for Box 2 950x950, 360° air delivery, round hole grill (Mandatory accessory, to be selected separately)

KFR-120Q-EDFJB-B

Smart port kit for the hiwall indoor unit management via Wi-Fi (it includes the adaptor and the USB key)

Control systems

(see dedicated section)



PANNEL
950X950
T-MBQ4-04B
(mandatory accessory)



Wi-Fi
KFR-120Q-EDFJB-B
(optional)



WIRED REMOTE CONTROL
KJR-120N-12 V
(optional)



WIRED REMOTE CONTROL
KJR-120X2-TFBB-E
(optional)



REMOTE CONTROL
RG10A-D2S-BGEF
(standard)



IA3-XY



MC3-Y + MC4-Y

Technical data

Set - ODU MC3-Y				70M	88M	105M	120M	105T	140T	160T
Cooling capacity	Nominal (Min.+Max.)		Btu/h	24.000 (11.270+27.000)	30.000 (7.600+32.000)	36.000 (9.200+39.000)	41.000 (10.000+42.000)	36.000 (9.200+39.000)	48.000 (12.000+54.000)	52.000 (14.000+57.000)
	Nominal (Min.+Max.)		kW	7,03 (3,30+7,91)	8,79 (2,23+9,38)	10,6 (2,70+11,4)	12,0 (2,93+12,3)	10,6 (2,70+11,4)	14,1 (3,52+15,8)	15,2 (4,10+16,7)
Heating capacity	Nominal (Min.+Max.)		Btu/h	26.000 (9.600+30.500)	32.000 (9.200+33.200)	38.000 (9.500+42.000)	46.000 (11.500+48.000)	38.000 (9.500+43.200)	55.000 (14.000+59.000)	62.000 (15.000+68.000)
	Nominal (Min.+Max.)		kW	7,62 (2,81+8,94)	9,38 (2,70+9,73)	11,1 (2,78+12,3)	13,5 (3,37+14,1)	11,1 (2,78+12,7)	16,1 (4,10+17,3)	18,2 (4,40+19,9)
Standard power supply	Cooling	Nominal (Min.+Max.)	W	2.320 (780+2.748)	2.750 (190+3.000)	3.950 (900+4.200)	4.200 (680+4.350)	4.000 (890+4.150)	4.650 (800+5.900)	5.000 (980+6.200)
	Heating	Nominal (Min.+Max.)	W	1.900 (610+2.700)	2.450 (430+2.550)	3.000 (800+3.950)	3.700 (750+4.250)	3.000 (780+4.000)	4.580 (900+5.500)	5.550 (1.020+6.700)
Standard current input	Cooling	Nominal (Min.+Max.)	A	10,2 (4,20+12,0)	12,0 (2,00+13,0)	17,5 (4,20+18,5)	18,8 (3,10+19,1)	6,50 (1,40+6,50)	8,10 (1,80+10,2)	8,60 (2,10+10,7)
	Heating	Nominal (Min.+Max.)	A	8,50 (3,60+12,1)	11,0 (3,00+11,5)	13,5 (3,50+17,5)	16,3 (3,40+19,0)	5,00 (1,30+6,40)	8,00 (1,90+9,50)	9,60 (2,10+10,7)
Seasonal efficiency ¹	Cooling	Energy class	-	A++	A++	A++	A++	A++	A++	A++
		Design load (Pdesign)	kW	7,00	8,80	10,5	12,1	10,5	14,0	15,3
		SEER	-	6,10	6,10	6,10	6,10	6,10	6,10	6,10
		Annual energy consumption	kWh/a	395	467	549	700	589	810	860
		Energy class	-	A+	A+	A+	A+	A+	A+	A+
	Heating Average season	Design load (Pdesign)	kW	6,00	7,80	8,50	9,50	8,20	11,2	11,9
		SCOP	-	4,00	4,00	4,00	4,00	4,00	4,00	4,00
		Annual energy consumption	kWh/a	2100	2.467	2.975	3.275	2.870	3.860	4.190
		Energy class	-	A+++	A+++	A+++	A+++	A+++	A++	A+++
		SCOP	-	5,10	5,10	5,10	5,10	5,10	5,00	5,10
Standard efficiency ²	EER	-	-	3,28	3,23	3,33	2,86	3,29	3,03	3,05
	COP	-	-	4,01	3,83	3,71	3,71	3,71	3,52	3,27

Set - ODU MC4-Y				70M	88M	140T	160T
Cooling capacity	Nominal (Min.+Max.)		Btu/h	21.000 (11.250+27.000)	30.000 (7.600+32.000)	40.000 (12.000+54.000)	52.000 (14.000+55.000)
	Nominal (Min.+Max.)		kW	6,15 (3,29+7,91)	8,79 (2,23+9,38)	11,7 (3,52+15,8)	15,2 (4,10+16,2)
Heating capacity	Nominal (Min.+Max.)		Btu/h	26.000 (9.500+29.000)	32.000 (9.200+33.200)	48.000 (14.000+59.000)	62.000 (15.000+65.000)
	Nominal (Min.+Max.)		kW	7,62 (2,79+8,50)	9,38 (2,70+9,73)	14,1 (4,10+17,3)	18,2 (4,40+19,1)
Standard power supply	Cooling	Nominal (Min.+Max.)	W	1.880 (780+2.750)	2.720 (190+3.000)	3.630 (810+6.350)	5.700 (1.000+6.250)
	Heating	Nominal (Min.+Max.)	W	1.900 (610+2.300)	2.450 (430+2.550)	3.790 (900+5.900)	5.700 (1.020+6.350)
Standard current input	Cooling	Nominal (Min.+Max.)	A	8,30 (4,20+12,0)	11,8 (2,00+13,0)	5,80 (1,80+10,3)	8,80 (2,10+10,7)
	Heating	Nominal (Min.+Max.)	A	8,50 (3,60+10,1)	11,0 (3,00+11,5)	5,70 (1,90+9,60)	8,80 (2,10+10,8)
Seasonal efficiency ¹	Cooling	Energy class	-	A++	A++	A++	A++
		Design load (Pdesign)	kW	7,10	8,80	14,0	15,3
		SEER	-	6,30	6,60	6,10	6,10
		Annual energy consumption	kWh/a	394	467	1373	1505
		Energy class	-	A+	A+	A+	A+
	Heating Average season	Design load (Pdesign)	kW	6,20	7,70	11,2	11,2
		SCOP	-	4,10	4,20	4,00	4,00
		Annual energy consumption	kWh/a	2.117	2.567	3.920	4.130
		Energy class	-	A+++	A+++	A++	A++
		SCOP	-	6,40	5,10	5,10	4,90
Standard efficiency ²	EER	-	-	3,28	3,23	3,23	2,67
	COP	-	-	4,01	3,83	3,71	3,19

¹ SEER and SCOP data, relative energy ratings and annual energy consumption in conformity to the EN 14825 standard measurement.

² EER/COP values declared only for tax deductions in force at the time this document was written

R/W = Removable/Washable

Test conditions:

according to EN14511 / EN12102

Cooling: indoor air temperature 27°C DB/19°C WB; outdoor air temperature 35°C DB/24°C WB;

Heating: indoor air temperature 20°C DB/15°C WB; outdoor air temperature 7°C DB/6°C WB.

Data declared according to UE 626/2011 delegated regulation

Technical data

Indoor unit				IA3-XY	70M	88M	105M	120M	105M	140M	160M
Code					88072256	89102215	89102221	89112233	89102221	89122256	89132225
Dimensions	Unit	L x D x H	mm		830x830x205	830x830x245	830x830x245	830x830x287	830x830x245	830x830x287	830x830x287
	Packaging (Unit)	L x D x H	mm		910x910x250	910x910x290	910x910x290	910x910x330	910x910x290	910x910x330	910x910x330
	Panel	L x D x H	mm		950x950x55	950x950x55	950x950x55	950x950x55	950x950x55	950x950x55	950x950x55
	Packaging (Panel)	L x D x H	mm		1035x1035x90	1035x1035x90	1035x1035x90	1035x1035x90	1035x1035x90	1035x1035x90	1035x1035x90
Weight	Unit / Packaging		kg		21,6/25,4	24,6/28,6	27,2/31,2	29,3/33,5	27,2/31,2	29,3/33,5	29,3/33,5
	Panel / Packaging		kg		6,00/9,00	6,00/9,00	6,00/9,00	6,00/9,00	6,00/9,00	6,00/9,00	6,00/9,00
Air filter	Type		-		R/W	R/W	R/W	R/W	R/W	R/W	R/W
Airflow		Hi/Mid/Lo	m ³ /h		1247/1118/992	1700/1530/1300	1700/1530/1300	1900/1750/1600	1700/1530/1300	1900/1750/1600	2000/1850/1650
Sound power		Hi	dB(A)		59	63	64	66	64	66	66
Sound pressure level		Hi/Mid/Lo	dB(A)		50/48/42	51/48/46	51/49/46	53/50/48	51/49/46	53/51/48	55/52/50
Control systems	Infrared remote control		-		RG10A-D2S-BGEF	RG10A-D2S-BGEF	RG10A-D2S-BGEF	RG10A-D2S-BGEF	RG10A-D2S-BGEF	RG10A-D2S-BGEF	RG10A-D2S-BGEF
	Settable temperature		°C		16+30	16+30	16+30	16+30	16+30	16+30	16+30
Power supply	Voltage/Frequency/Phases		V/Hz/n°		230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1

¹ SEER and SCOP data, relative energy ratings and annual energy consumption in conformity to the EN 14825 standard measurement.

² EER/COP values declared only for tax deductions in force at the time this document was written

R/W = Removable/Washable

Test conditions:

according to EN14511 / EN12102

Cooling: indoor air temperature 27°C DB/19°C WB; outdoor air temperature 35°C DB/24°C WB;

Heating: indoor air temperature 20°C DB/15°C WB; outdoor air temperature 7°C DB/6°C WB.

Data declared according to UE 626/2011 delegated regulation

DUCT 3

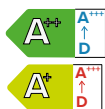
Product information



Control System



30 dB(A)



Energy saving



Sleep



Gear

Health



Fresh Air



i-Clean

Reliability



Self-diagnosis Function



Emergency Function



Auto Defrosting



Condensate drain pump



Opposite fan rotation

Convenience



Remote On/Off



Error Alarm Port



Auto-restart

Comfort



Stepless control compressor



Silent



Anti-cold air



Temperature Compensation

Optional



Wired controller



Centralised control



BMS Communication



WiFi Control

Accessories

Standard

RG10A-D2S-BGEF

Infrared remote control for CERVINO / CRISTALLO 2 / EZCOOL / BOX 2 / CONSOLE 3 / DUC T 3 indoor unit / C&F2

Optionals

Control systems (see dedicated section)



Technical data

Set - ODU MC4-Y				35M	53M	70M	88M	105M	120M	105T	140T	160T
Cooling capacity	Nominal (Min.+Max.)	Btu/h		12.000 (1.800+13.300)	18.000 (4.500+21.000)	24.200 (11.000+27.000)	27.300 (7.600+34.000)	36.640 (9.400+40.000)	37.500 (10.000+42.000)	31.500 (9.300+40.000)	41.630 (12.000+54.000)	52.000 (14.000+59.000)
	Nominal (Min.+Max.)	kW		3,52 (0,53+3,91)	5,28 (1,32+6,16)	7,09 (3,23+7,92)	8,00 (2,23+9,97)	9,86 (2,75+11,7)	11,0 (2,93+12,3)	9,23 (2,73+11,8)	12,2 (3,52+15,8)	15,2 (4,10+17,3)
Heating capacity	Nominal (Min.+Max.)	Btu/h		11.500 (3.400+15.200)	20.500 (5.100+21.500)	27.200 (9.500+29.200)	32.000 (9.200+34.100)	35.000 (9.500+43.000)	46.000 (11.500+48.000)	34.500 (9.500+43.800)	52.000 (14.000+60.000)	62.000 (15.000+70.000)
	Nominal (Min.+Max.)	kW		3,37 (1,00+4,47)	6,00 (1,50+6,30)	8,00 (2,79+8,56)	9,38 (2,70+10,0)	10,3 (2,78+12,6)	13,5 (3,37+14,1)	10,1 (2,78+12,8)	15,2 (4,11+17,6)	18,2 (4,40+20,5)
Standard power supply	Cooling	Nominal (Min.+Max.)	W	1.090 (155+1.465)	1.590 (360+2.130)	2.190 (750+2.860)	2.480 (190+3.450)	3.015 (900+4.300)	3.400 (680+4.500)	2.830 (890+4.200)	3.800 (810+6.450)	5.250 (1.030+6.650)
	Heating	Nominal (Min.+Max.)	W	900 (302+1.423)	1.615 (500+1.850)	2.000 (640+2.500)	2.400 (430+2.550)	2.750 (800+3.950)	3.550 (750+4.100)	2.710 (780+4.000)	4.100 (950+5.800)	5.150 (950+6.600)
Standard current input	Cooling	Nominal (Min.+Max.)	A	4,82 (1,48+6,29)	7,10 (1,60+9,40)	10,0 (4,20+12,6)	10,8 (2,00+15,0)	13,6 (4,20+19,0)	14,8 (3,10+19,8)	4,40 (1,40+6,70)	6,54 (1,80+10,5)	8,10 (3,10+11,5)
	Heating	Nominal (Min.+Max.)	A	3,98 (1,48+6,29)	7,20 (2,20+8,10)	9,00 (3,80+11,0)	10,6 (3,00+11,5)	12,2 (3,50+17,5)	16,0 (3,40+18,5)	4,30 (1,30+6,40)	7,10 (2,00+9,00)	8,00 (2,00+11,5)
Seasonal efficiency ¹	Cooling	Energy class	-	A++	A++	A++	A++	A++	A++	A++	A++	A++
		Design load (Pdesign)	kW	3,50	5,30	7,10	8,80	10,5	12,1	10,6	14,0	15,3
		SEER	-	6,50	6,50	6,60	6,60	6,30	6,10	6,10	6,10	6,10
		Annual energy consumption	kWh/a	188	285	377	467	583	1.190	608	1.377	1.505
		Energy class	-	A+	A+	A+	A+	A+	A+	A+	A+	A+
	Heating Average season	Design load (Pdesign)	kW	2,70	4,30	5,60	8,00	8,40	9,50	8,80	11,5	12,5
		SCOP	-	4,10	4,10	4,20	4,20	4,10	4,10	4,00	4,00	4,00
		Annual energy consumption	kWh/a	922	1.468	1.867	2.667	2.868	3.244	3.080	4.025	4.375
		Energy class	-	A+++	A+++	A+++	A+++	A+++	A+++	A+++	A+++	A+++
		SCOP	-	5,10	5,10	5,40	5,50	5,10	5,10	5,10	5,10	5,10
Standard efficiency ²	EER	-	-	3,23	3,32	3,24	3,23	3,27	3,23	3,26	3,23	2,90
	COP	-	-	3,74	3,72	3,99	3,91	3,73	3,80	3,75	3,72	3,53

Indoor unit				IDA1-Y	35M	53M	70M	88M	105M	120M	105T	140M	160M
Code					62242512	62242514	62242516	62242520	62242518	62242517	62242518	62242515	62242519
Dimensions	Unit	L x D x H	mm		700x506x200	700x795x245	1000x795x245	1000x795x245	1200x795x245	1200x795x245	1200x795x245	1200x795x245	1200x795x300
	Packaging (Unit)	L x D x H	mm		860x540x285	925x850x298	1225x860x304	1225x860x304	1425x860x304	1425x860x304	1425x860x304	1425x860x304	1425x860x359
Weight	Unit / Packaging		kg		16,6/19,8	24,4/29	31,8/37,2	32,7/38,3	38,4/44,4	40,6/46,1	38,4/44,4	40,4/46,8	42,9/49,1
Air filter	Type		-		R/W	R/W	R/W	R/W	R/W	R/W	R/W	R/W	R/W
Air flow rate		Hi/Mid/Lo	m³/h		660/570/470	900/780/650	1200/1000/700	1500/1200/900	1700/1400/1100	2000/1700/1300	1700/1400/1100	2000/1700/1300	2200/1900/1500
External static pressure		Std (Min~Max)	Pa		25 (0+100)	25 (0+160)	25 (0+160)	37 (0+160)	37 (0+160)	50 (0+160)	37 (0+160)	50 (0+160)	50 (0+160)
Sound power		Hi	dB(A)		52	53	56	60	62	62	62	64	66
Sound pressure level		Hi/Mid/Lo	dB(A)		35/33/31	37/34/31	34/33/31	39/37/35	38/36/33	39/37/36	38/36/33	46/44/42	45/43/42
Control systems	Infrared remote control		-						RG10A-D2S-BGEF				
	Settable temperature		°C		16+30	16+30	16+30	16+30	16+30	16+30	16+30	16+30	16+30
Power supply	Voltage/Frequency/Phases	V/Hz/n°			230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1

¹ SEER and SCOP data, relative energy ratings and annual energy consumption in conformity to the EN 14825 standard measurement.

² EER/COP values declared only for tax deductions in force at the time this document was written

R/W = Removable/Washable

Test conditions:

according to EN14511 / EN12102

Cooling: indoor air temperature 27°C DB/19°C WB; outdoor air temperature 35°C DB/24°C WB;

Heating: indoor air temperature 20°C DB/15°C WB; outdoor air temperature 7°C DB/6°C WB.

Data declared according to UE 626/2011 delegated regulation

CONSOLE 3

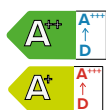
Product information



Control System



30 dB(A)



Energy saving



Sleep



Gear

Health



Fresh Air



i-Clean

Reliability



Self-diagnosis Function



Emergency Function



Remote On/Off



Timer



Auto-restart

Optional



Wired controller



Centralised control



BMS Communication



WiFi Control

Comfort



Stepless Indoor Fan Speed



Anti-cold air



Temperature Compensation



Multidirectional airflow

Accessories

Standard

RG10A-D2S-BGEF

Infrared remote control for CERVINO / CRISTALLO 2 / EZCOOL / BOX 2 / CONSOLE 3 / DUC T 3 indoor unit / C&F2

Optionals

NWMX

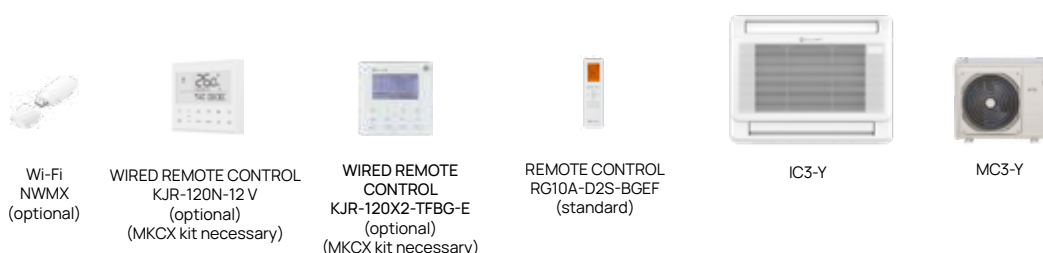
Wi-fi kit for indoor units

MKCX

Multifunction board that makes the indoor unit available for Remote ON / OFF, Alarm port and XYE Port (required for connection of Wired controller, Centralized wired controller, Data Converter, BMS Gateway)
The ON-OFF/Alarm/XYE/Wi-Fi port functions can be used simultaneously

Control systems

(see dedicated section)



Technical data

Set			35M		53M	
Cooling capacity	Nominal (Min.+Max.)	Btu/h	12.000 (2.600+14.500)		17.000 (9.000+19.000)	
	Nominal (Min.+Max.)	kW	3,52 (0,76+4,25)		4,98 (2,64+5,57)	
Heating capacity	Nominal (Min.+Max.)	Btu/h	13.000 (1.550+16.000)		18.000 (7.500+21.500)	
	Nominal (Min.+Max.)	kW	3,81 (0,45+4,69)		5,28 (2,20+6,30)	
Standard power supply	Cooling (Min.+Max.)	W	1.000 (170+1.350)		1.500 (650+1.950)	
	Heating (Min.+Max.)	W	980 (150+1.300)		1.420 (600+1.900)	
Rated current input	Cooling (Min.+Max.)	A	4,52 (1,40+5,90)		6,70 (2,95+8,70)	
	Heating (Min.+Max.)	A	4,43 (1,25+5,95)		6,40 (2,75+8,50)	
Seasonal efficiency ¹	Cooling	Energy class	-	A++	-	A++
		Design load (Pdesign)	kW	3,50	-	5,00
		SEER	-	7,30	-	6,70
		Annual energy consumption	kWh/a	168	-	261
	Heating	Energy class	-	A+	-	A+
		Design load (Pdesign)	kW	2,60	-	4,00
		SCOP	-	4,00	-	4,00
		Annual energy consumption	kWh/a	910	-	1.414
	Average season	Energy class	-	A+++	-	A++
		SCOP	-	5,50	-	5,00
Standard efficiency ²	EER	-	3,52		3,32	
	COP	-	3,89		3,72	

Indoor unit			IC3-Y	35M	53M
Code				89472266	89472269
Dimensions	Unit	L x D x H	mm	794x206x621	794x206x621
	Packaging (Unit)	L x D x H	mm	865x280x719	865x280x719
Weight	Unit / Packaging		kg	14,9/18,8	14,9/18,8
Air filter	Type		-	R/W	R/W
Airflow		Hi/Mi/Lo	m ³ /h	650/580/490	780/690/600
Sound power		Hi	dB(A)	54	55
Sound pressure level		Hi/Mid/Lo	dB(A)	37/34/27	41/38/32
Control systems	Infrared remote control		-	RG10A-D2S-BGEF	RG10A-D2S-BGEF
	Settable temperature		°C	16+30	16+30
Power supply	Voltage/Frequency/Phases		V/Hz/n°	230 / 50 / 1	230 / 50 / 1

¹ SEER and SCOP data, relative energy ratings and annual energy consumption in conformity to the EN 14825 standard measurement.

² EER/COP values declared only for tax deductions in force at the time this document was written

R/W = Removable/Washable

Test conditions:

according to EN14511 / EN12102

Cooling: indoor air temperature 27°C DB/19°C WB; outdoor air temperature 35°C DB/24°C WB;

Heating: indoor air temperature 20°C DB/15°C WB; outdoor air temperature 7°C DB/6°C WB.

Data declared according to UE 626/2011 delegated regulation

CEILING & FLOOR 2

Product information



Control System



27 dB(A)



Energy saving



Sleep



Gear

Health



Fresh Air



I-Clean

Reliability



Self-diagnosis Function



Emergency Function



Auto Defrosting



Opposite fan rotation

Convenience



Remote On/Off



Error Alarm Port



Auto-restart

Optional



Wired controller



Centralised control



BMS Communication



WiFi Control

Comfort



Stepless control compressor



Silent



Anti-cold air



Multidirectional airflow



Temperature Compensation

Accessories

Standard

RG10A-D2S-BGEF

Infrared remote control for CERVINO / CRISTALLO 2 / EZCOOL / BOX 2 / CONSOLE 3 / DUC T 3 indoor unit / C&F2

Optionals

WF-60A1-C

Smart port kit for the not hinwall indoor unit management via Wi-Fi (it includes adaptor and USB key)

Control systems

(see dedicated section)

Wi-Fi
WF-60A1-C
(optional)WIRED REMOTE
CONTROL
KJR-120N-12 V
(optional)WIRED REMOTE
CONTROL
KJR-120X2-TFBG-E
(optional)REMOTE CONTROL
RG10A-D2S-BGEF
(standard)

IF3-XY



MC3-Y

Technical data

Set - ODU MC3-Y				53M	70M	105M	105T	140T	160T
Cooling capacity	Nominal (Min.+Max.)		Btu/h	18,000 (9,250+20,000)	24,000 (11,000+26,500)	36,000 (9,300+39,000)	36,000 (9,300+40,200)	48,000 (12,000+52,000)	54,000 (14,000+57,000)
	Nominal (Min.+Max.)		kW	5,28 (2,71+5,86)	7,03 (3,22+7,77)	10,6 (2,73+11,4)	10,6 (2,73+11,8)	14,1 (3,52+15,2)	15,8 (4,10+16,7)
Heating capacity	Nominal (Min.+Max.)		Btu/h	19,000 (8,300+21,500)	26,000 (9,300+28,300)	40,000 (9,600+43,600)	40,000 (9,500+43,600)	55,000 (14,000+58,000)	62,000 (15,000+67,000)
	Nominal (Min.+Max.)		kW	5,57 (2,42+6,30)	7,62 (2,72+8,29)	11,7 (2,78+12,8)	11,7 (2,81+12,8)	16,1 (4,10+17,0)	18,2 (4,40+19,6)
Standard power supply	Cooling	Nominal (Min.+Max.)	W	1,450 (670+2,030)	2,300 (747+2,930)	3,900 (900+4,250)	4,000 (890+4,300)	5,000 (900+5,950)	5,650 (1,100+6,650)
	Heating	Nominal (Min.+Max.)	W	1,500 (540+1,640)	2,050 (650+2,850)	3,350 (800+3,950)	3,350 (780+3,950)	5,100 (1,000+6,050)	6,050 (1,050+7,100)
Standard current input	Cooling	Nominal (Min.+Max.)	A	6,00 (3,20+9,00)	10,5 (3,90+13,1)	17,0 (4,20+19,0)	6,30 (1,40+6,80)	8,80 (1,90+10,3)	9,70 (3,20+11,5)
	Heating	Nominal (Min.+Max.)	A	6,00 (2,70+7,30)	9,50 (3,50+12,7)	15,0 (3,5~17,5)	5,40 (1,30+6,20)	8,90 (2,10+10,5)	10,5 (2,20+12,0)
Seasonal efficiency ¹	Cooling	Energy class	-	A++	A++	A++	A++	A++	A++
		Design load (Pdesign)	kW	5,30	7,00	10,5	10,5	14,0	15,5
		SEER	-	6,10	6,10	6,10	6,10	6,10	6,10
		Annual energy consumption	kWh/a	305	413	592	574	809	890
	Heating Average season	Energy class	-	A+	A+	A+	A+	A+	A+
		Design load (Pdesign)	kW	4,00	5,40	8,60	8,60	11,2	11,9
		SCOP	-	4,00	4,00	4,00	4,00	4,00	4,00
		Annual energy consumption	kWh/a	1,400	1,925	3,010	2,937	4,079	4,150
	Heating Warmer season	Energy class	-	A+++	A+++	A+++	A+++	A+++	A+++
		SCOP	-	5,10	5,10	5,10	5,10	5,10	5,10
Standard efficiency ²	EER	-	-	3,64	3,30	3,25	3,31	2,81	2,75
	COP	-	-	3,71	3,72	3,80	3,87	3,16	3,00

Set - ODU MC4-Y				70M	140T	160T
Cooling capacity	Nominal (Min.+Max.)		Btu/h	23,200 (11,000+27,100)	41,300 (12,000+52,000)	52,000 (14,000+55,000)
	Nominal (Min.+Max.)		kW	6,80 (3,22+7,95)	12,1 (3,52+15,2)	15,2 (4,10+16,1)
Heating capacity	Nominal (Min.+Max.)		Btu/h	26,000 (9,300+29,000)	43,700 (14,000+60,000)	62,000 (15,000+66,000)
	Nominal (Min.+Max.)		kW	7,62 (2,72+8,50)	12,8 (4,10+17,6)	18,2 (4,40+19,4)
Standard power supply	Cooling	Nominal (Min.+Max.)	W	2,060 (750+2,730)	3,750 (900+6,200)	5,900 (1,100+6,500)
	Heating	Nominal (Min.+Max.)	W	1,080 (650+2,940)	3,450 (950+6,000)	5,950 (1,120+6,350)
Standard current input	Cooling	Nominal (Min.+Max.)	A	9,04 (3,90+12,1)	5,69 (2,10+9,60)	8,90 (3,10+10,8)
	Heating	Nominal (Min.+Max.)	A	8,70 (3,50+10,6)	5,32 (2,20+9,20)	9,10 (3,10+10,5)
Seasonal efficiency ¹	Cooling	Energy class	-	A++	A++	A++
		Design load (Pdesign)	kW	7,10	14,0	15,3
		SEER	-	6,30	6,10	6,10
		Annual energy consumption	kWh/a	394	1,377	1,505
	Heating Average season	Energy class	-	A+	A+	A+
		Design load (Pdesign)	kW	5,90	11,2	11,8
		SCOP	-	4,10	4,00	4,00
		Annual energy consumption	kWh/a	2,015	4,079	4,130
	Heating Warmer season	Energy class	-	A+++	A+++	A+++
		SCOP	-	5,40	5,10	5,10
Standard efficiency ²	EER	-	-	3,30	3,23	2,58
	COP	-	-	3,85	3,71	3,05

¹ SEER and SCOP data, relative energy ratings and annual energy consumption in conformity to the EN 14825 standard measurement.

² EER/COP values declared only for tax deductions in force at the time this document was written

R/W = Removable/Washable

Test conditions:

according to EN14511 / EN12102

Cooling: indoor air temperature 27°C DB/19°C WB; outdoor air temperature 35°C DB/24°C WB;

Heating: indoor air temperature 20°C DB/15°C WB; outdoor air temperature 7°C DB/6°C WB.

Data declared according to UE 626/2011 delegated regulation

Technical data

Indoor unit				IF3-XY	53M	70M	105M	105M	140M	160M
Code					89092229	89092237	89102266	89102266	89092259	89112228
Dimensions	Unit	L x D x H	mm		1068x675x235	1068x675x235	1650x675x235	1650x675x235	1650x675x235	1650x675x235
	Packaging (Unit)	L x D x H	mm		1145x755x318	1145x755x318	1725x755x318	1725x755x318	1725x755x318	1725x755x318
Weight	Unit / Packaging		kg		28,0/33,3	28,0/33,1	41,5/48,0	41,5/48,0	41,7/48,5	42,3/49,2
Air filter	Type		-		R/W	R/W	R/W	R/W	R/W	R/W
Airflow		Hi/Mid/Lo	m³/h		958/839/723	1192/1023/853	1955/1728/1504	1955/1728/1504	2100/1850/1600	2200/1950/1650
Sound power		Hi	dB(A)		59	55	65	65	67	67
Sound pressure level		Hi/Mid/Lo	dB(A)		44/41/37	51/47/43	51/48/45	52/48/45	53/50/46	55/52/48
Control systems	Infrared remote control		-		RG10A-D2S-BGEF	RG10A-D2S-BGEF	RG10A-D2S-BGEF	RG10A-D2S-BGEF	RG10A-D2S-BGEF	RG10A-D2S-BGEF
	Settable temperature		°C		16÷30	16÷30	16÷30	16÷30	16÷30	16÷30
Power supply	Voltage/Frequency/Phases		V/Hz/n°		230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1

¹ SEER and SCOP data, relative energy ratings and annual energy consumption in conformity to the EN 14825 standard measurement.

² EER/COP values declared only for tax deductions in force at the time this document was written

R/W = Removable/Washable

Test conditions:

according to EN14511 / EN12102

Cooling: indoor air temperature 27°C DB/19°C WB; outdoor air temperature 35°C DB/24°C WB;

Heating: indoor air temperature 20°C DB/15°C WB; outdoor air temperature 7°C DB/6°C WB.

Data declared according to UE 626/2011 delegated regulation

BMS integration: welcome CONTROL4 NRG

All models with an XYE port - and also with the special Multifunction Kit - are now compatible with the new Gateways for single units, which enable perfect integration of DX SPLIT systems within the CONTROL4 NRG system, the beating heart of Clivet Smart Living.

CONTROL4 NRG enables the intelligent management of up to 24 independent comfort areas, ensuring precise and optimised climate control for each one. In addition, Clivet air conditioners can now be integrated and controlled, providing a higher level of efficiency and flexibility.

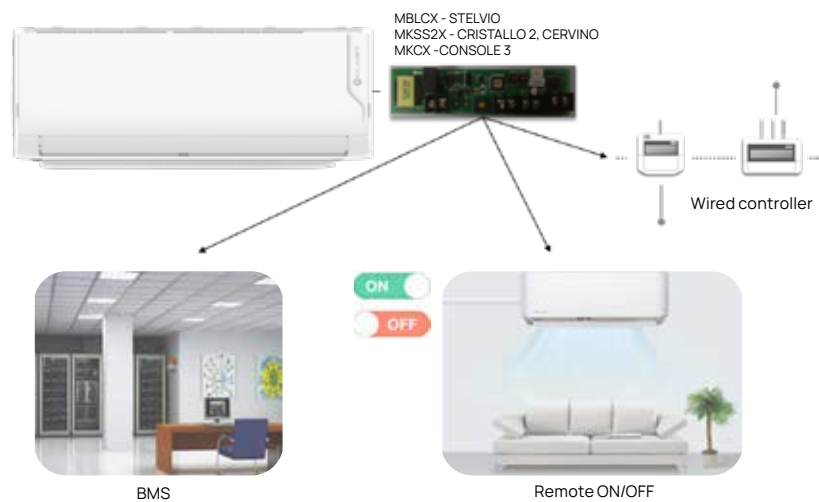
Thanks to this evolution, comfort and energy consumption can be optimised in every room, centralising the supervision of the entire system.

The new Gateways support Modbus, KNX and BACnet communication protocols, among the most widely used in the world of Building Management Systems (BMS). This versatility ensures high compatibility and smooth integration even in third-party supervision systems.

Multifunction Kit

The multi-function kits offer several options for managing SPLIT systems. More specifically, they include an XYE communication port, which is used to connect:

- Wired remote control for single unit (KRJ-120X1-TFBG-E / KRJ-120X2-TFBG-E) and group controls KJR-120-N-12V
- Wired centralisers (CCM-180A/WS / CCM-270A/WS)
- Communication systems based on the following protocols: Modbus, LonWorks and BACnet IMODG1X, IBACG1X, IKNXG1X



	REMOTE ON/OFF	REMOTE ALARM	XYE PORT (COMMUNICATION)	CONTEMPORARY MANAGEMENT TO WI-FI
MBLCX (STELVIO)	=	=	=	=
MKSS2X (CERVINO - CRISTALLO 2)	=	=	=	=
MKCX (CONSOLE 3)	=	=	=	=

Note: all the functions can be used simultaneously

Individual control systems

RG10A-D2S-BGEF

Standard remote control for CRISTALLO 2 / EZCool / BOX 2 / CONSOLE 3 / DUCT 3 / DUCT 2 /

C&F 2 units, with special features:

- ON/OFF - Operating mode - Temperature set-point - Fan speed - Louver direction
- Timer: allows for setting a countdown to switch the air conditioning unit on / off
- Follow Me: adjusts the air conditioning unit according to the temperature detected by the remote controller sensor
- Do Not Disturb (LED): deactivates the luminous display and buzzers of the air conditioning unit
- Self-cleaning: performs a cleaning cycle of the air conditioning unit's battery
- Turbo: conditions the air inside the room rapidly
- Management of the constant flow rate function for ductable indoor units
- Fan setting with speed changes of up to 1%
- Breeze away function (for some models only)
- ECO / Gear function



RG10N2-D2S-BGEF

Standard remote control for 4-WAY COMPACT CASSETTE units, with special features:

- ON/OFF - Operating mode - Temperature set-point - Fan speed - Louver direction
- Timer: allows for setting a countdown to switch the air conditioning unit on / off
- Follow Me: adjusts the air conditioning unit according to the temperature detected by the remote controller sensor
- Do Not Disturb (LED): deactivates the luminous display and buzzers of the air conditioning unit
- Self-cleaning: performs a cleaning cycle of the air conditioning unit's battery
- Fan setting with speed changes of up to 1%
- ECO / Gear function



RG10P1-G2HS-BGEF

Standard remote control for STELVIO units, with special features:

- Temperature set-point with precision up to 0.5°C
- Fan setting with speed changes of up to 1%
- Activation / deactivation of the functions linked to the "Intelligent Eye" sensor
- Humidity management in 5% intervals
- ECO / Gear function



KJR-120N-12V

Advanced two-way wired controller with display, with standard remote control characteristics and these special features:

- Displays the room temperature
- Displays clock
- Management of the constant flow rate function for ductable indoor units
- Weekly scheduler (up to 8 ON/OFF, mode, temperature, ventilation settings/day)
- DAY OFF mode
- Settable set-point limitation
- Mode change lock
- Integrated remote control receiver
- Possibility of overriding the remote controller
- Integrated Wi-Fi
- Control of individual louvers on box unit
- Functions with 2-pin connection: Rotation and Backup, Dual Control and Group Control (up to 16 units)



KJR-120X1-TFBG-E / KJR-120X2-TFBG-E

One-way wired controller with display, with standard remote control characteristics and these special features:

- Displays the room temperature
- Displays clock
- Management of the constant flow rate function for ductable indoor units
- Weekly scheduler (up to 8 ON/OFF, mode, temperature, ventilation settings/day)
- Settable set-point limitation
- Mode change lock
- Integrated remote control receiver
- Control of individual louvers on box unit



Kit Wi-Fi



Thanks to the Wi-Fi kit and the app compatible with iOS and Android systems, the operation of the air conditioning units can be controlled in any situation using either the remote controller or directly from a smartphone. Moreover, the app is designed to offer even more functions and enhanced ease of use.

Note: the kit is supplied standard on CERVINO, STELVIO and CRISTALLO 2

Note: To connect the Wi-Fi to the IDU that is not wall-mounted - 4-WAY COMPACT CASSETTE excluding.

The Wi-Fi Kit is an option for Console (CONSOLE 3 USB only), Ductable (DUCT 2), Box (BOX 2) and Ceiling & Floor (CEILING&FLOOR 2) units using dedicated adapters:



WF-60A1-C



KFR-120Q-EDFJB-B

The connection of the WF-601-C accessory excludes the possibility of using the XYE communication port (the remote ON/OFF function instead remains available).

The standard wire control can be used regularly by connecting it to the unit through the door in the WF-60A1-C accessory.



SLEEP FUNCTION

Energy saving by setting a night-time temperature profile.

AUTO-CHECK

Monitoring of the air conditioning unit's operating status. Visualisation of any anomaly codes.

WEEKLY SCHEDULE CONTROL

Setting of scheduled on / off functions during the week.

Control systems for groups of units (SPLIT / VRF)



The control systems for groups of units allow for creating networks of SPLIT and VRF indoor units, also belonging to different systems.

Note: further functions are available with the VRF range

KJR-150A

Remote controller for groups of indoor units, allows for managing the basic functions of up to 16 indoor units:

- On/Off
- Operating mode
- Temperature set-point
- Automatic swinging of the slats
- Fan speed



Note: The accessory works in combination with one of the IDUs' standard remote controls.

It is not possible to operate the accessory with a remote control.

Not compatible with KJR-120X1-TFBG-E and KJR-120X2-TFBG-E

CCM-180A/WS

Group control (max. 64) or individual units with 6.2" touchscreen display, allows you to manage:

- ON/OFF - operating mode - temperature set-point - fan speed - automatic flaps oscillation
- Management of single unit / all units
- Daily / weekly / annual scheduler (ON/OFF - operation mode - temperature set - fan speed - automatic fins oscillation)

Note: not compatible with mixed SPLIT / VRF systems

Only with VRF:

- Advanced energy management settings
- Unit error check
- Locking of single controllers
- Visualisation of function parameters
- Alarm visualisation

Note: the individual controllers can be used normally for managing the units.



Control systems for groups of units (SPLIT / VRF)



CCM-270A/WS

Group control (max. 384) or individual units with 10.1" touchscreen display:

- ON/OFF - operating mode - temperature set-point - fan speed - automatic flaps oscillation
- Management of single unit / all units
- Daily / weekly / annual scheduler (ON/OFF - operation mode - temperature set - fan speed - automatic fins oscillation)
- Visualization of building plans
- Connectable via LAN
- Ideal for the management of mixed SPLIT / VRF systems

It is necessary to have one connection port exclusively for SPLIT products.

Only with VRF:

- Advanced energy management settings
- Unit error check
- Locking of single controllers
- Visualisation of function parameters
- Alarm visualisation

Note: the individual controllers can be used normally for managing the units.



Communication with BMS management systems BMS

SPLIT systems can be managed with the latest home and building automation technologies, using automation systems to coordinate them with all the other systems in the building (illumination, security systems, household appliances, etc.) and optimise energy consumption. The protocols that can be managed and their relative characteristics are specified below:

Protocol			
	IMODG1X	IBACG1X	IKNXG1X
Max. no. of connectible units	1	1	1
Management of basic functions (ON/OFF - Operating mode - Fan speed)	=	=	=
Reading of unit parameters	=	=	=

7.3 Accessories

TYPE	APPARENCE	Model	ARTICLE CODE	DESCRIPTION	COMPATIBLE SERIES
Multifunction Kit		MBLCX	87022242	Multifunction board that makes the indoor unit available for Remote ON / OFF, Alarm port and XYE Port (required for connection of Wired controller, Centralized wired controller, Data Converter, BMS Gateway) The ON-OFF/Alarm/XYE/Wi-Fi port functions can be used simultaneously	STELVIO: IH2-Y
		MKSS2X	74382577	Multifunction board that makes the indoor unit available for Remote ON / OFF, Alarm port and XYE Port (required for connection of Wired controller, Centralized wired controller, Data Converter, BMS Gateway) The ON-OFF/Alarm/XYE/Wi-Fi port functions can be used simultaneously	All sizes: CERVINO: IEA1-P CRISTALLO 2: IMA1-Y
		MKCX	90252203	Multifunction board that makes the indoor unit available for Remote ON / OFF, Alarm port and XYE Port (required for connection of Wired controller, Centralized wired controller, Data Converter, BMS Gateway)	CONSOLE 3: IC3-Y
Kit Wi-Fi		NWMX	89142201	Wi-Fi kit for indoor units	All series except: DUCT 3: IDA1-Y
		WF-60A1-C	89132263	Smart port kit for not hiwall indoor unit management via Wi-Fi (includes adapter and USB key) - 2022 version	CEILING & FLOOR 2: IF3-XY
		KFR-120Q-EDFJB-B	89132252	Adapter for connecting indoor units Box 2 950x950 to the Wi-Fi kit (includes adapter and USB key)	BOX 2 950x950: IA3-XY
Kit connection kit for TWIN systems		FQZHN-01D	87002254	Branch Joint kit for LCAC TWIN systems	TWIN SYSTEM

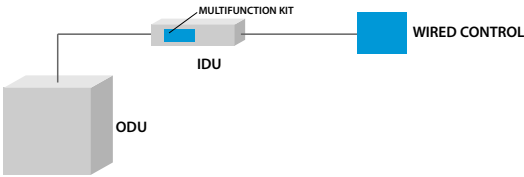
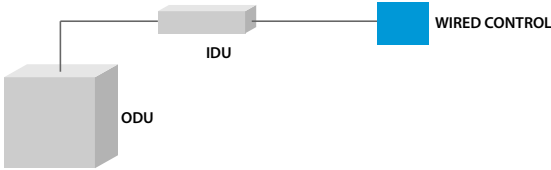
7.4 Control systems

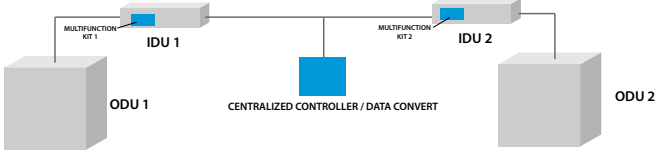
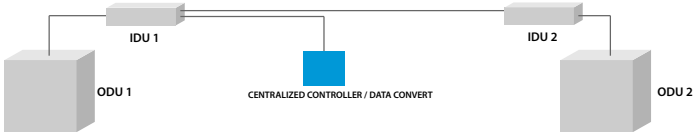
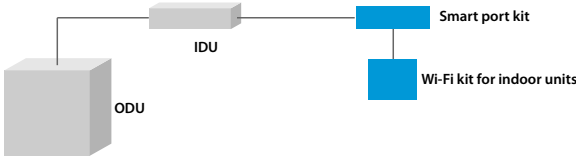
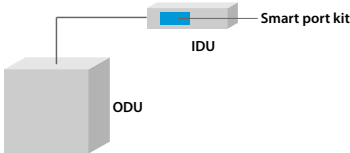
TYPE	APPARENCE	Model	ARTICLE CODE	DESCRIPTION	COMPATIBLE SERIES
Infraered remote control		RG10P1-G2HS-BGEF	-	Wireless remote controller for STelvio indoor units of 2025 lineup	STELVIO: IH2-Y
		RG10A-D2S-BGEF	-	Wireless remote controller for CRISTALLO 2 / EZCool / DUCT 3 / Duct 2 / Box 2 / C&F 2 indoor units of 2025 lineup	CERVINO: IEA1-P CRISTALLO 2: IMA1-Y EZCOOL: ILA1-Y BOX 2: IB3-XY / IA3-XY DUCT 3: IDA1-Y DUCT 2: ID3-XY CONSOLE 3: IC3-Y CEILING & FLOOR 2: IF3-XY
		RG10N2-D2S-BGEF	-	Wireless remote controller for 4-WAY COMPACT CASSETTE indoor units of 2025 lineup	COMPACT 4-WAY CASSETTE: IBA1-Y
Wired control for single unit		KJR-120X1-TFBG-E	87022244	Dual-way wired controller with weekly scheduler for hiwall indoor units	STELVIO: IH2-Y
		KJR-120X2-TFBG-E	87032231	Dual-way wired controller with weekly scheduler for hiwall indoor units	CERVINO: IEA1-P CRISTALLO 2: IMA1-Y CONSOLE 3: IC3-Y DUCT 2: ID3-XY BOX 2: IB3-XY / IA3-XY CEILING & FLOOR 2: IF3-XY
Group management		KJR-120N-12V	61402359	Advanced two-way wired controller with weekly scheduler and integrated Wi-Fi 2-pin connection only compatible with IBA1-Y and IDA1-Y (Also compatible for single unit control)	CERVINO: IEA1-P CRISTALLO 2: IMA1-Y 4-WAY COMPACT CASSETTE: IBA1-Y BOX 2: IB3-XY / IA3-XY CONSOLE 3: IC3-Y DUCT 3: IDA1-Y DUCT 2: ID3-XY CEILING & FLOOR 2: IF3-XY

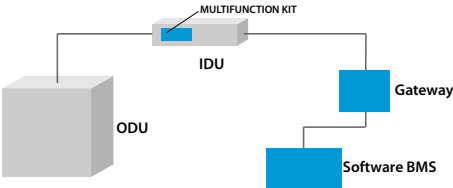
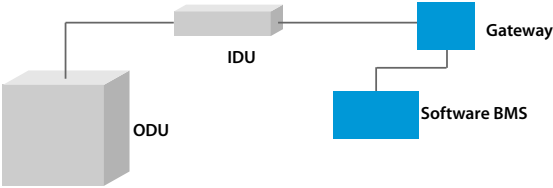
7.4 Control systems

TYPE	APPARENCE	Model	ARTICLE CODE	DESCRIPTION	COMPATIBLE SERIES
Centralizer		KJR-150A	89132262	Control interface for group of indoor units, up to 16 indoor units Not compatible with KJR-120X1-TFBG-E e KJR-120X2-TFBG-E	All series except: CERVINO: IEA1-P CRISTALLO 2: IMA1-Y CONSOLE 3: IC3-Y EZCOOL: ILA1-Y COMPACT 4-WAY CASSETTE IBA1-Y DUCT 3: IDA1-Y
		CCM-180A/WS	87012209	Wired centralizer with 6.2" touchscreen display with weekly scheduler, up to 64 indoor units	
		CCM-270A/WS	87022268	Wired centralizer with 10.1" touchscreen display with weekly scheduler, LAN port, up to 384 indoor units. Compatible for mixed systems VRF + SPLIT	
		IMODG1X	91152491	Modbus Gateway, for single indoor unit (Intesis)	All series except: EZCOOL: ILA1-Y
		IKNXG1X	91152492	KNX Gateway, for single indoor unit (Intesis)	
		IBACG1X	91152493	BACnet Gateway, for single indoor unit (Intesis)	

7.5 Accessories and Control systems

TYPE	CONNECTION SCHEME	COMPATIBLE SERIES
Wired control for single unit	 Required accessories Multifunction board Wired control	STELVIO: IH2-Y CRISTALLO 2: IMA1-Y (MKSS2X) CERVINO: IEA1-P (MKSS2X) CONSOLE 3: IC3-Y (MKCX)
	 Required accessories Wired control	DUCT 3: IDA1-Y COMPACT 4-WAY CASSETTE IBA1-Y BOX 2: IA3-XY CEILING & FLOOR 2: IF3-XY

TYPE	CONNECTION SCHEME	COMPATIBLE SERIES
Centralized controller or Control via Cloud (App or Web Server)		STELVIO: IH2-Y (MBLCX)
	Required accessories Multifunction kit Centralizer Data converter	
		DUCT 3: IDA1-Y COMPACT 4-WAY CASSETTE IBA1-Y BOX 2 IA3-XY CEILING & FLOOR 2: IF3-XY
Wi-Fi		CEILING & FLOOR 2: IF3-XY
	Required accessories Smart port kit	
		BOX 2: 950x950 IA3-XY
	Required accessories Smart port kit	

TYPE	CONNECTION SCHEME	COMPATIBLE SERIES
BMS Management		STELVIO: IH2-Y CRISTALLO 2: IMA1-Y (MKSS2X) CERVINO: IEA1-P (MKSS2X) CONSOLE 3: IC3-Y (MKCX)
	Required accessories Multifunction board Gateway Software BMS	
		DUCT 3: IDA1-Y COMPACT 4-WAY CASSETTE IBA1-Y BOX 2 IA3-XY CEILING & FLOOR 2: IF3-XY
	Required accessories Gateway Software BMS	

7.6 Compatibility table of indoor / outdoor unit

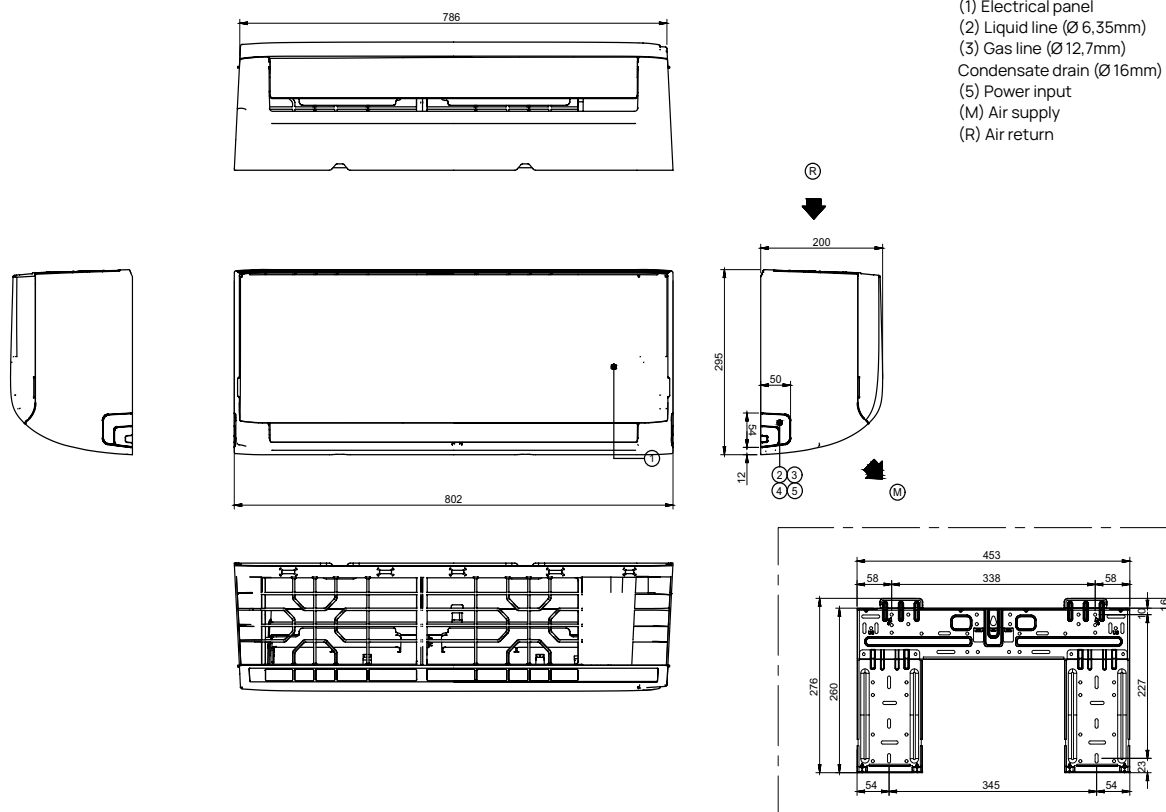
		STELVIO	CERVINO	CRISTALLO
		MH2-Y	MEA1-P	MMA1-Y
STELVIO	IH2-Y	●	-	-
CERVINO	IEA1-P	-	●	-
CRISTALLO 2	IMA1-Y	-	-	●
EZCool	ILA1-Y	-	-	-
Compact 4-way cassette	IBA1-Y	-	-	-
BOX 2 950x950	IA3-XY	-	-	-
DUCT 3	IDA1-Y	-	-	-
CONSOLE	IC3-Y	-	-	-
C&F	IF3-XY	-	-	-

7.6 Compatibility table of indoor / outdoor unit

EZCOOL		ODU-SL 2	
MLA1-Y	MU2-Y	MC3-Y	MC4-Y
-	-	-	-
-	-	-	-
-	●	-	-
●	●	-	-
-	●	● (NO 27M)	-
-	-	●	●
-	● (27M-70M)	● (NO 27M-70M-88M-140T-160T)	●
-	●	● (NO 27M)	-
-	●	●	●

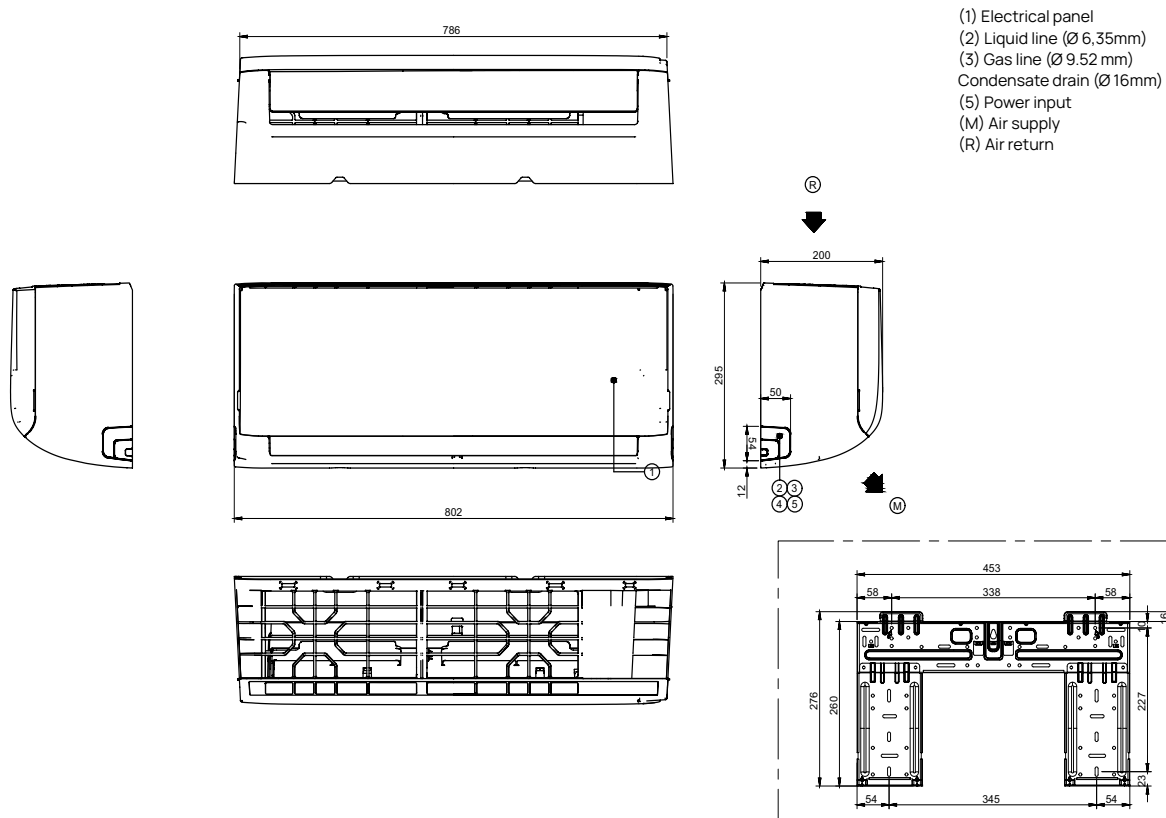
CERVINO - Indoor unit

IEA1-P 27M



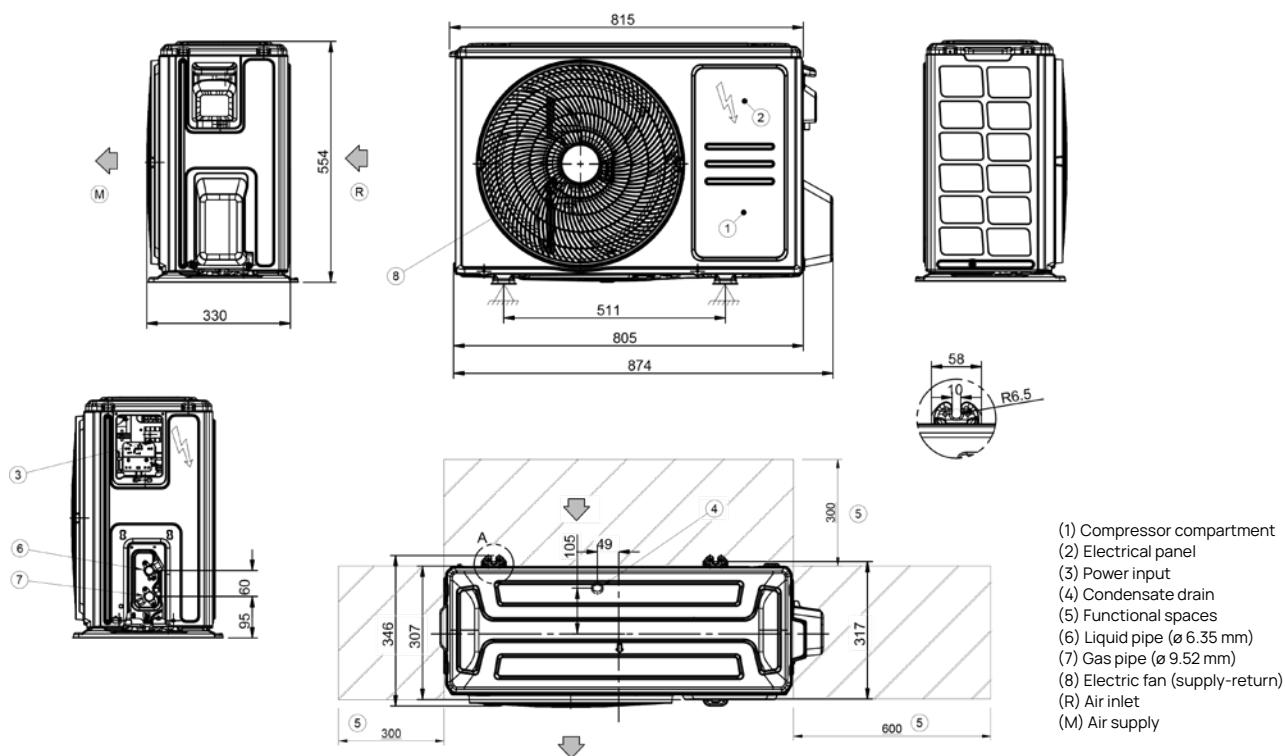
CERVINO - Indoor unit

IEA1-P 35M



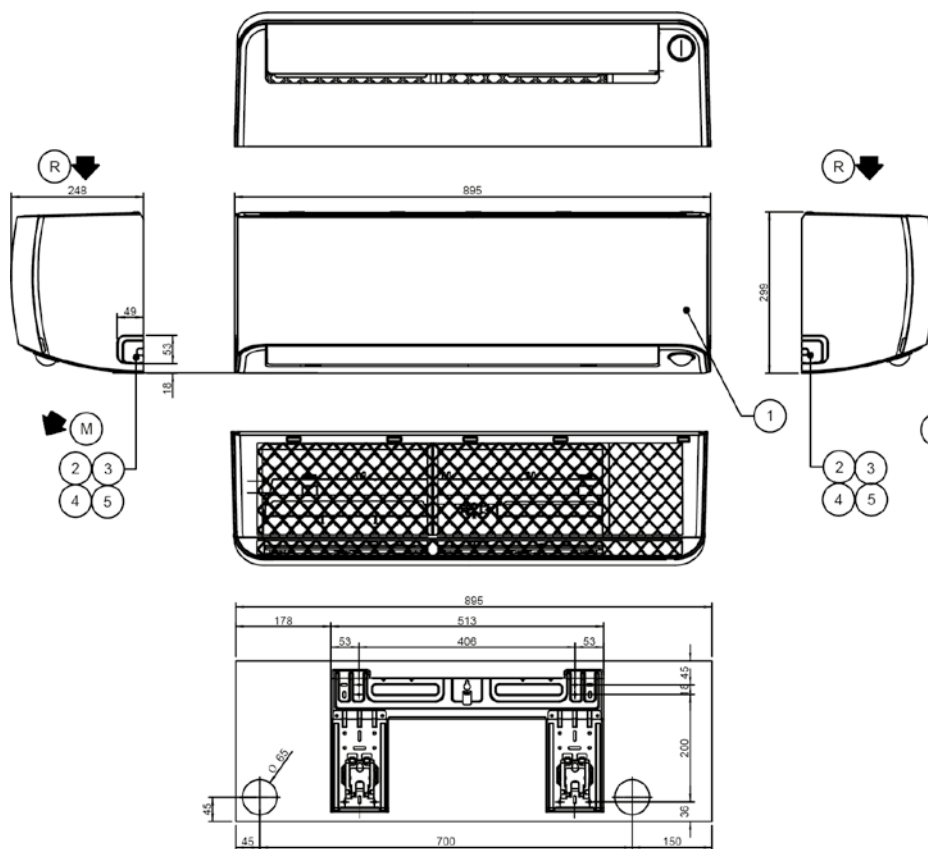
CERVINO - Outdoor unit

MEA1-P 27M ÷ 35M



STELVIO - Indoor unit

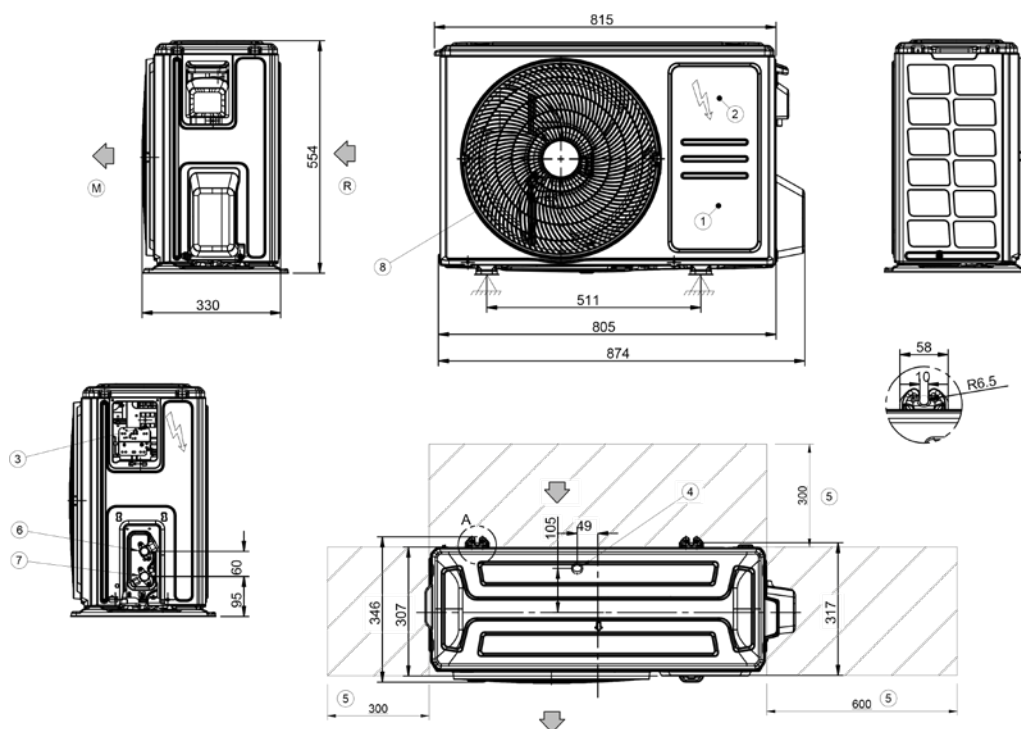
IH2-Y 27M ÷ 35M



- (1) Electrical panel
- (2) Liquid line (Ø 6,35mm)
- (3) Gas line (Ø 9,52 mm)
- Condensate drain (Ø 16mm)
- (5) Power input
- (M) Air supply
- (R) Air return

STELVIO - Outdoor unit

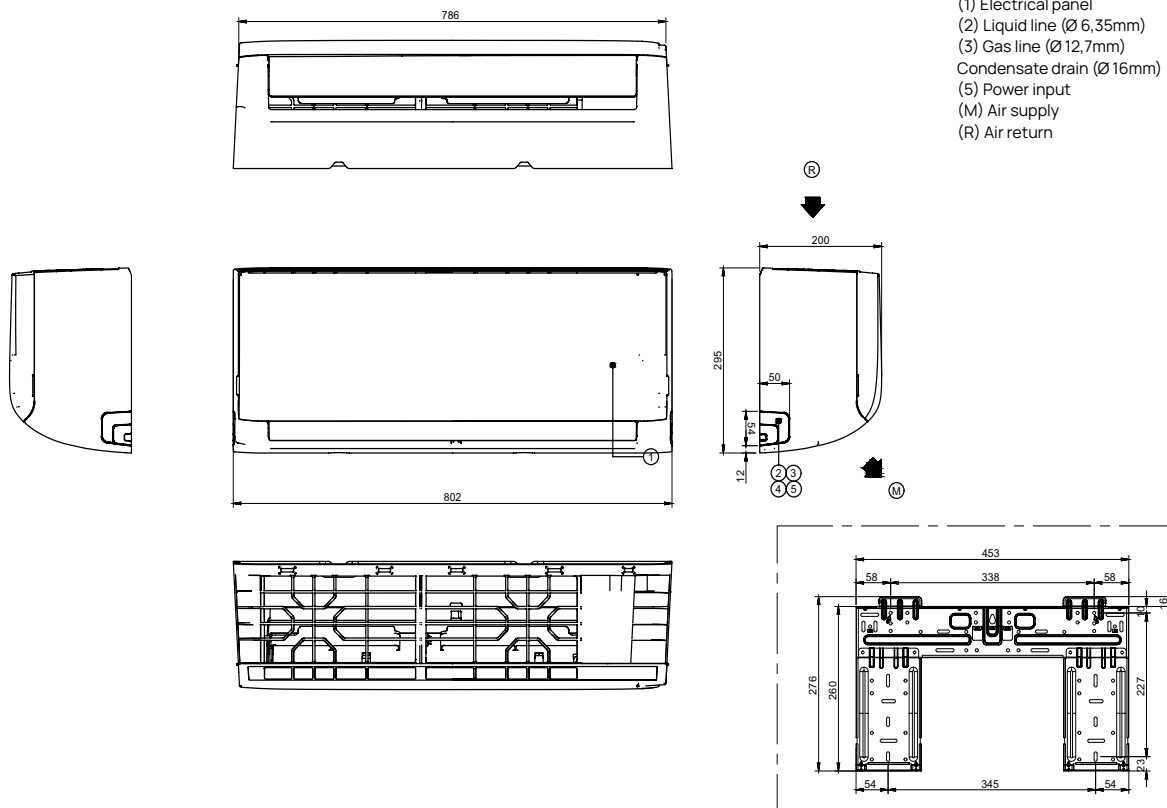
MH2-Y 27M ÷ 35M



- (1) Compressor compartment
- (2) Electrical panel
- (3) Power input
- (4) Condensate drain
- (5) Functional spaces
- (6) Liquid pipe (ø 6.35 mm)
- (7) Gas pipe (ø 9.52 mm)
- (8) Electric fan (supply-return)
- (R) Air inlet
- (M) Air supply

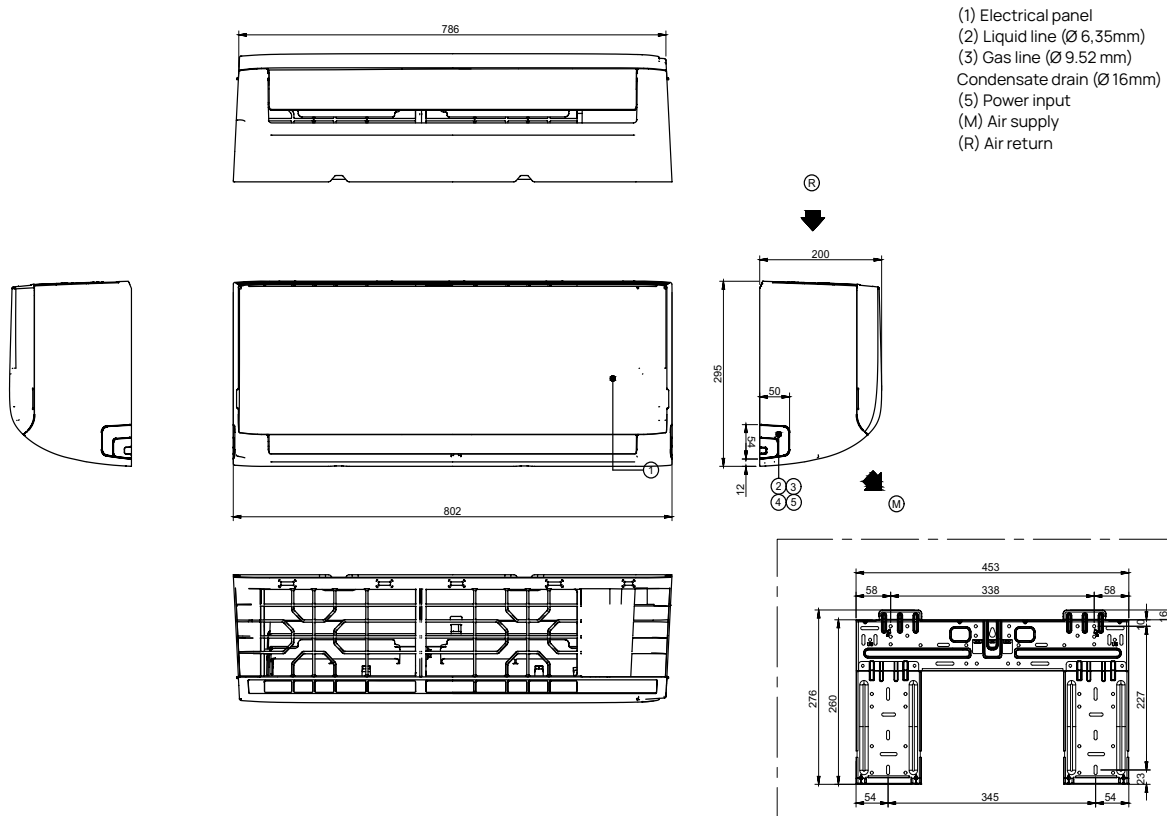
CRISTALLO 2 - Indoor unit

IMA1-Y 27M



CRISTALLO 2 - Indoor unit

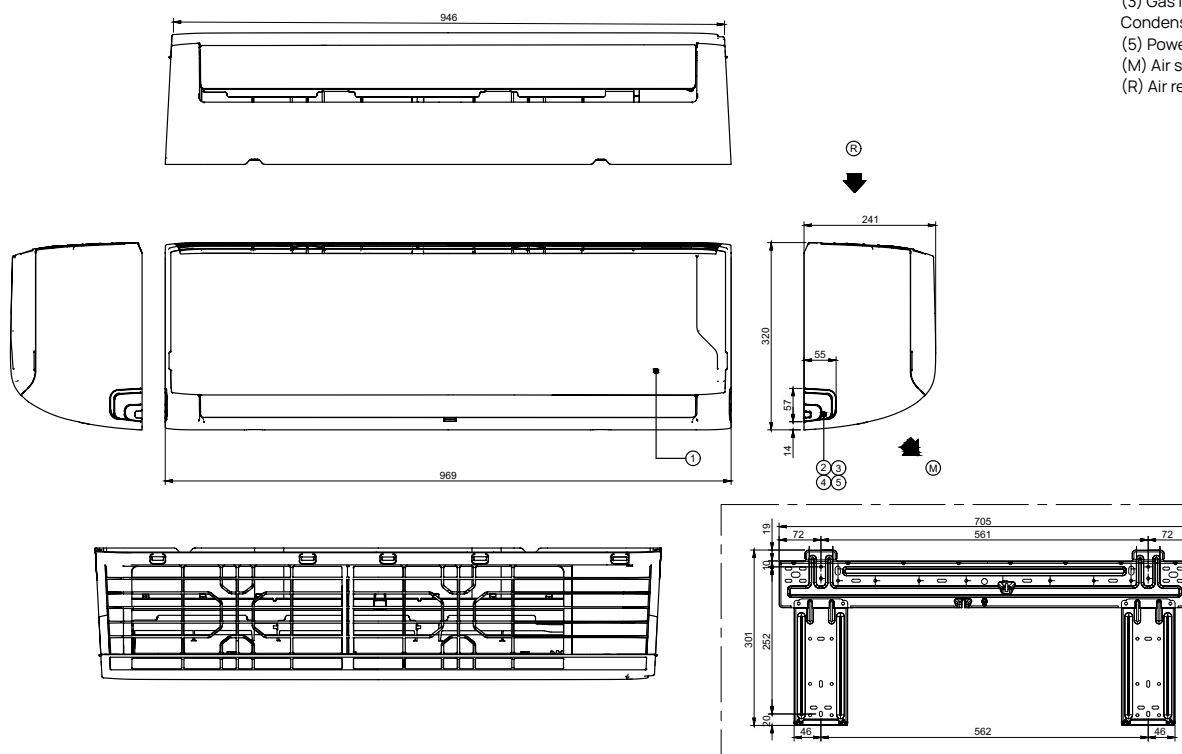
IMA1-Y 35M



CRISTALLO 2 - Indoor unit

IMA1-Y 53M

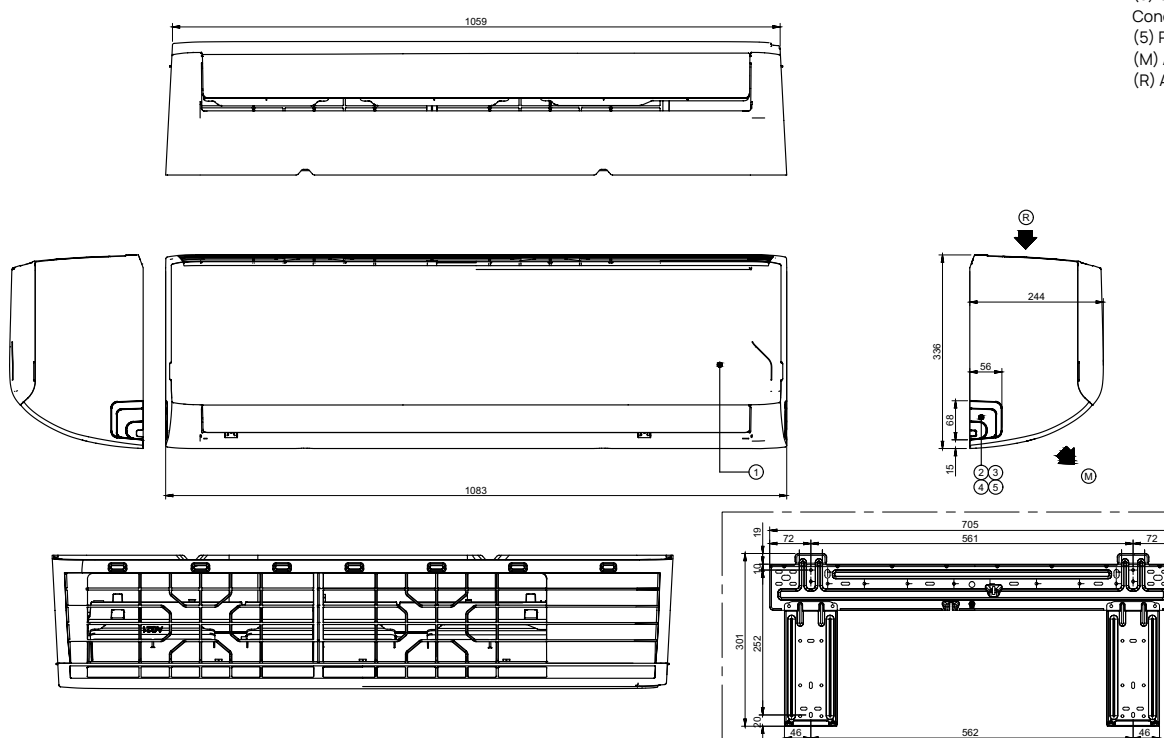
- (1) Electrical panel
- (2) Liquid line (Ø 6,35mm)
- (3) Gas line (Ø 9,52 mm)
- Condensate drain (Ø 16mm)
- (5) Power input
- (M) Air supply
- (R) Air return



CRISTALLO 2 - Indoor unit

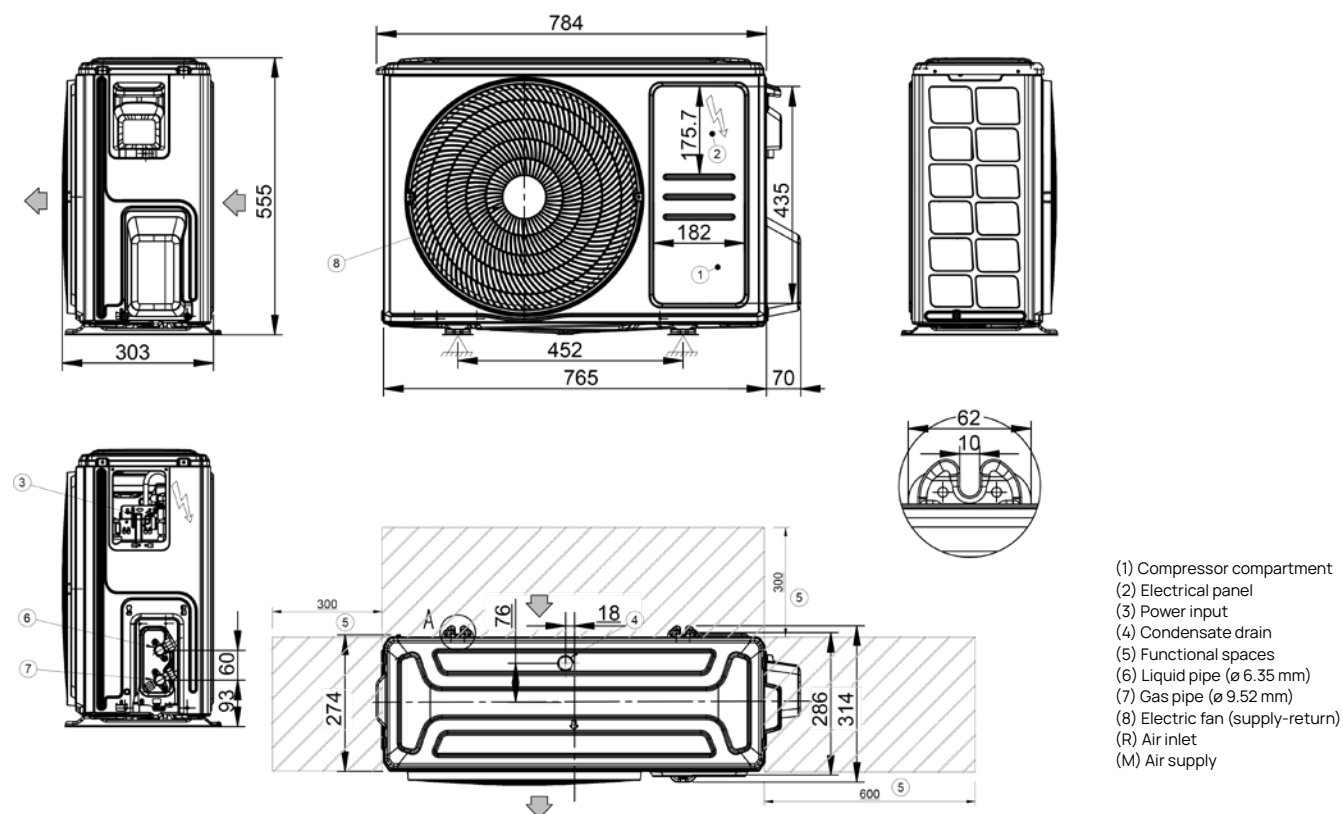
IMA1-Y 70M

- (1) Electrical panel
- (2) Liquid line (Ø 9,52mm)
- (3) Gas line (Ø 15,9mm)
- Condensate drain (Ø 16mm)
- (5) Power input
- (M) Air supply
- (R) Air return



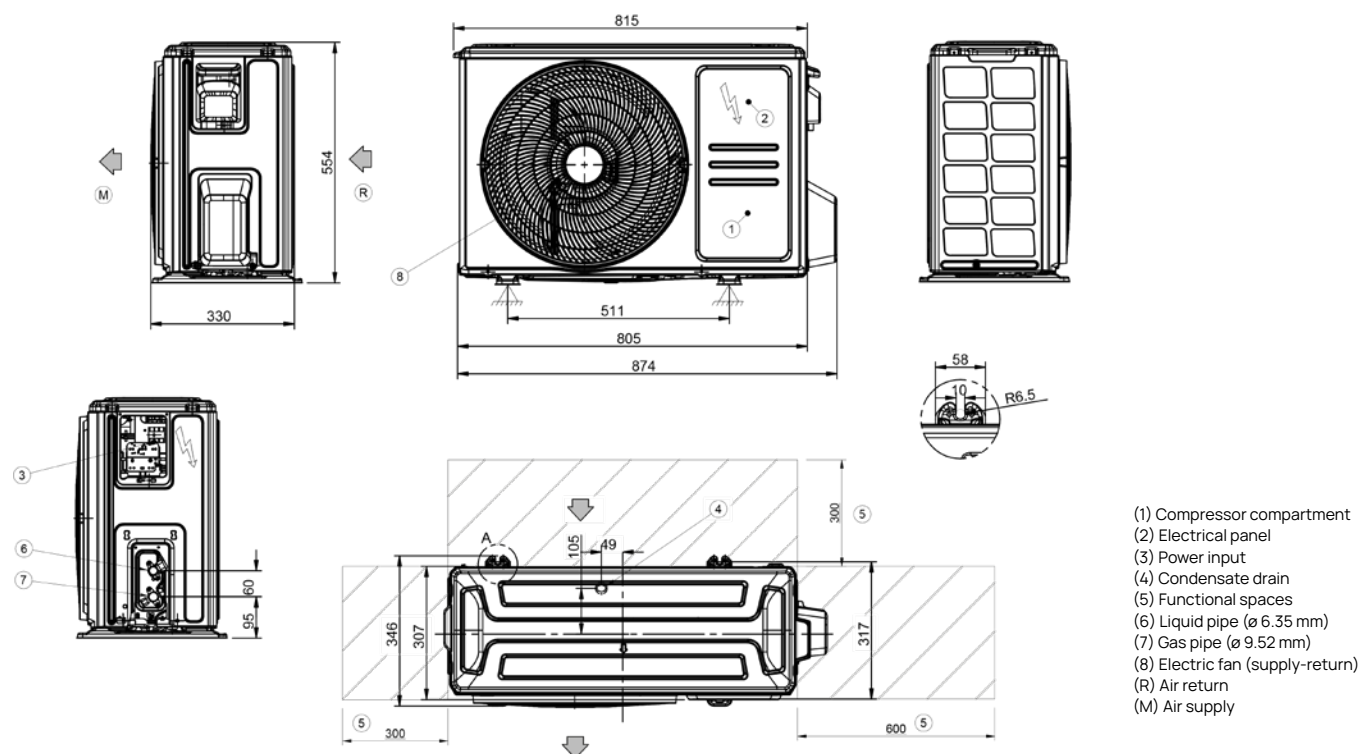
CRISTALLO 2 - Outdoor unit

MMA1-Y 27M ÷ 35M



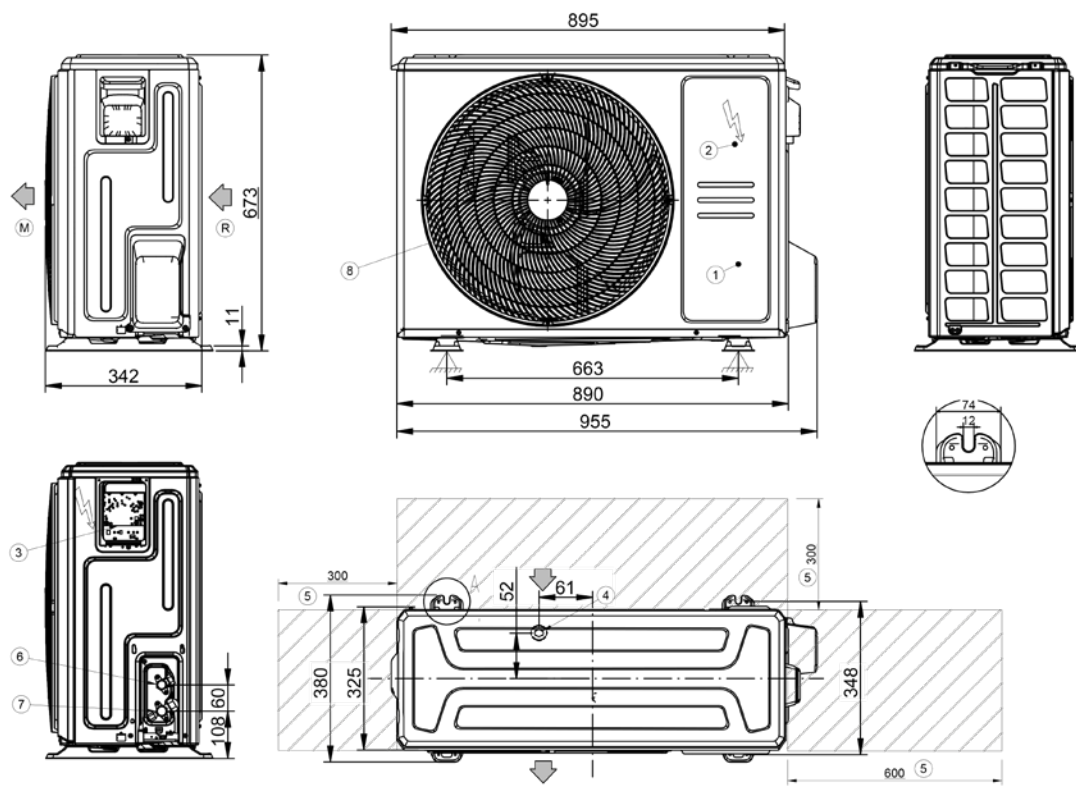
CRISTALLO 2 - Outdoor unit

MMA1-Y 53M



CRISTALLO 2 - Outdoor unit

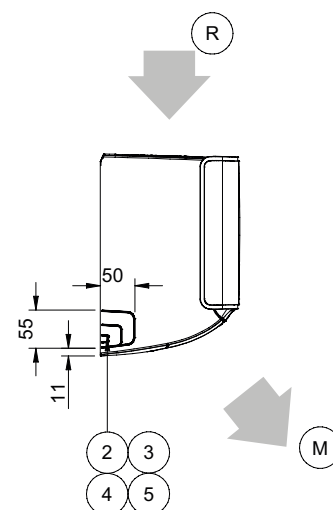
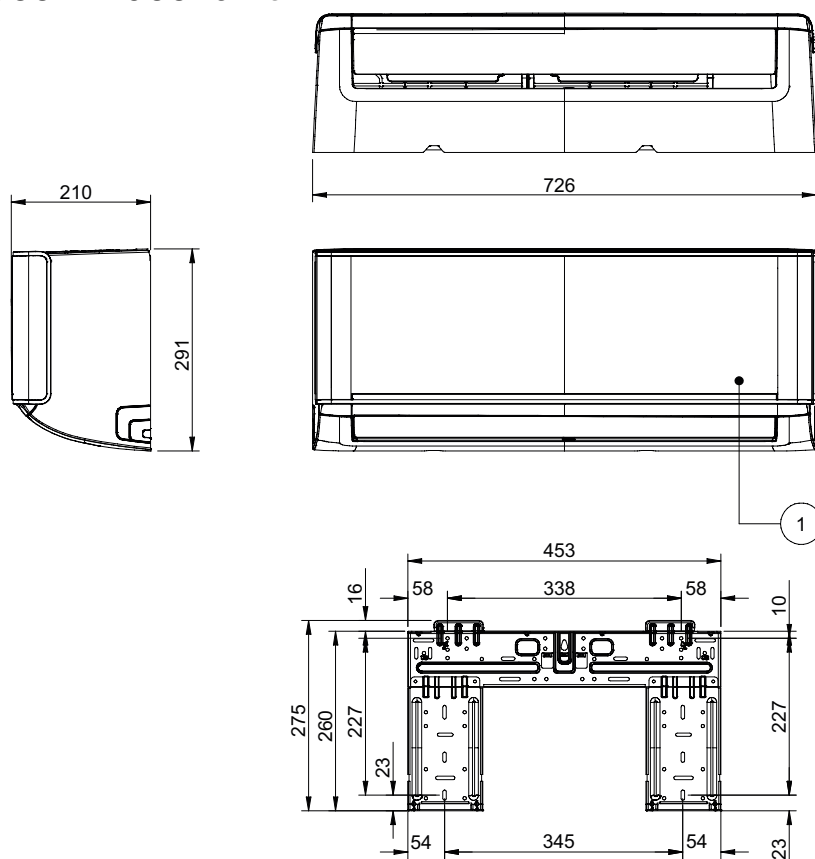
MMA1-Y 70M



- (1) Compressor compartment
- (2) Electrical panel
- (3) Power input
- (4) Condensate drain
- (5) Functional spaces
- (6) Liquid pipe (ø 6.35 mm)
- (7) Gas pipe (ø 9.52 mm)
- (8) Electric fan (supply-return)
- (R) Air return
- (M) Air supply

EZCool - Indoor unit

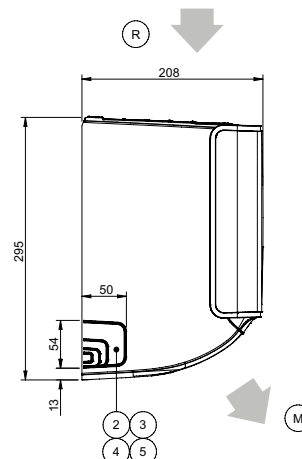
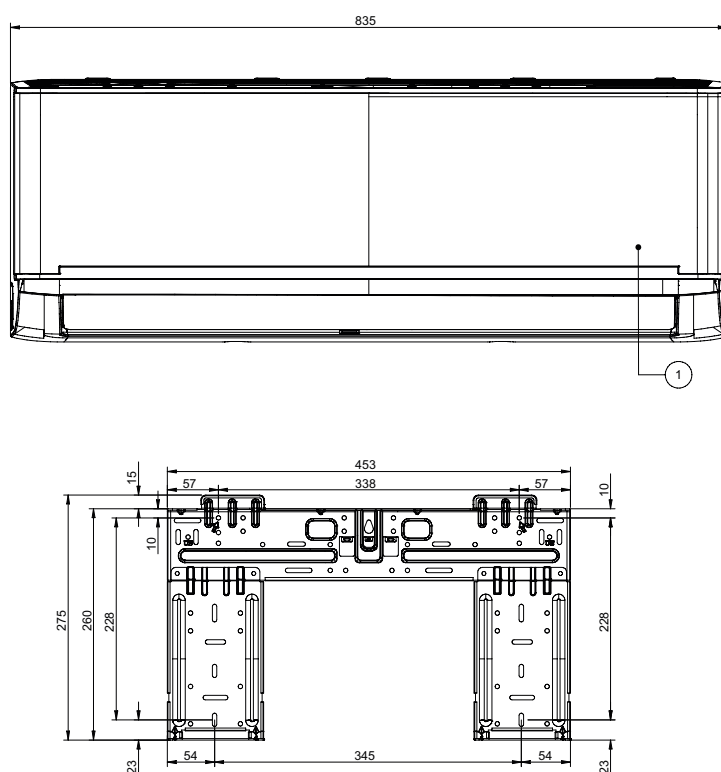
ILA1-Y 27M



- (1) Electrical panel
- (2) Liquid line (Ø 6,35mm)
- (3) Gas line (Ø 9.52 mm)
- Condensate drain (Ø 16mm)
- (5) Power input
- (M) Air supply
- (R) Air return

EZCool - Indoor unit

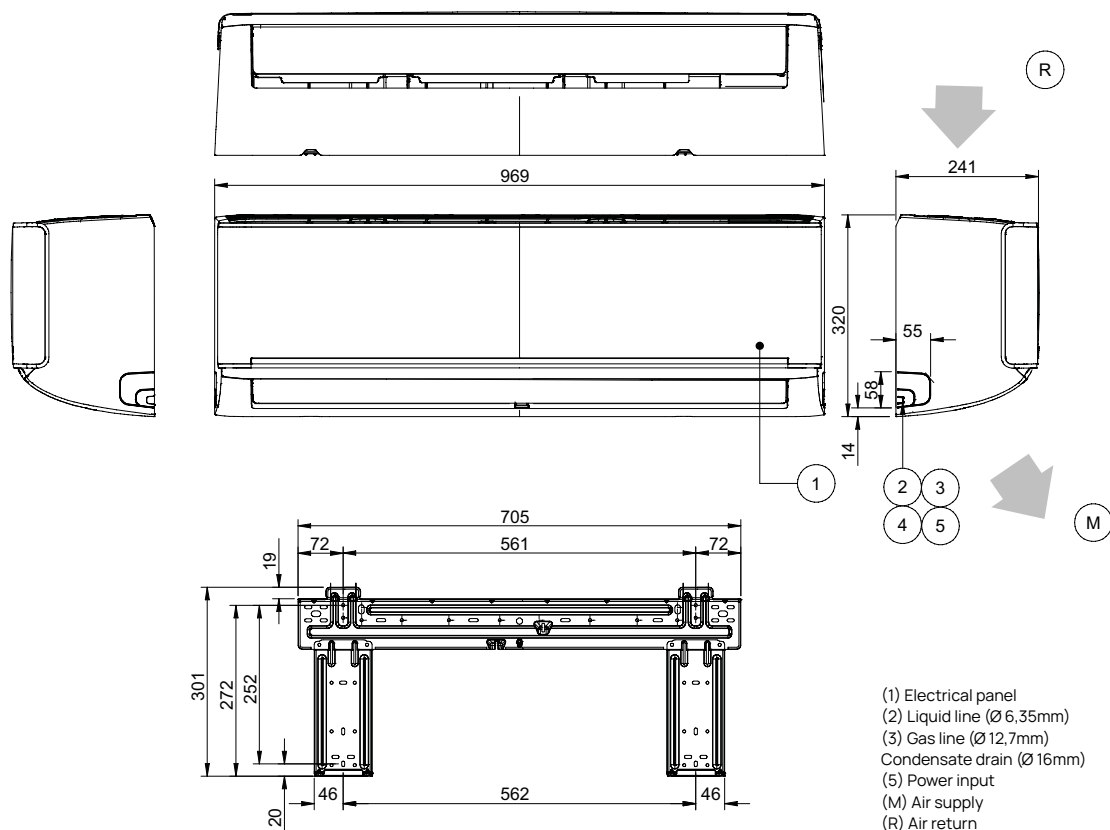
ILA1-Y 35M



- (1) Electrical panel
- (2) Liquid line (Ø 6,35mm)
- (3) Gas line (Ø 9.52 mm)
- Condensate drain (Ø 16mm)
- (5) Power input
- (M) Air supply
- (R) Air return

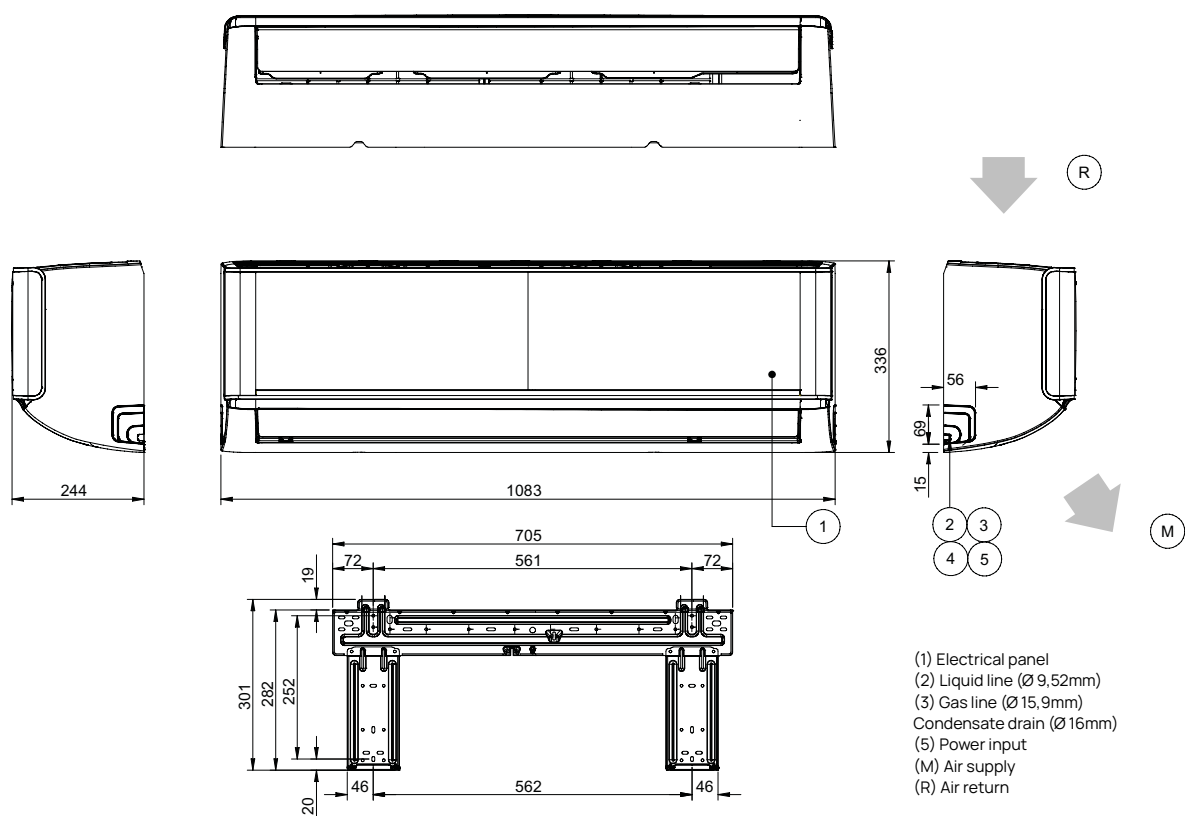
EZCool - Indoor unit

ILA1-Y 53M



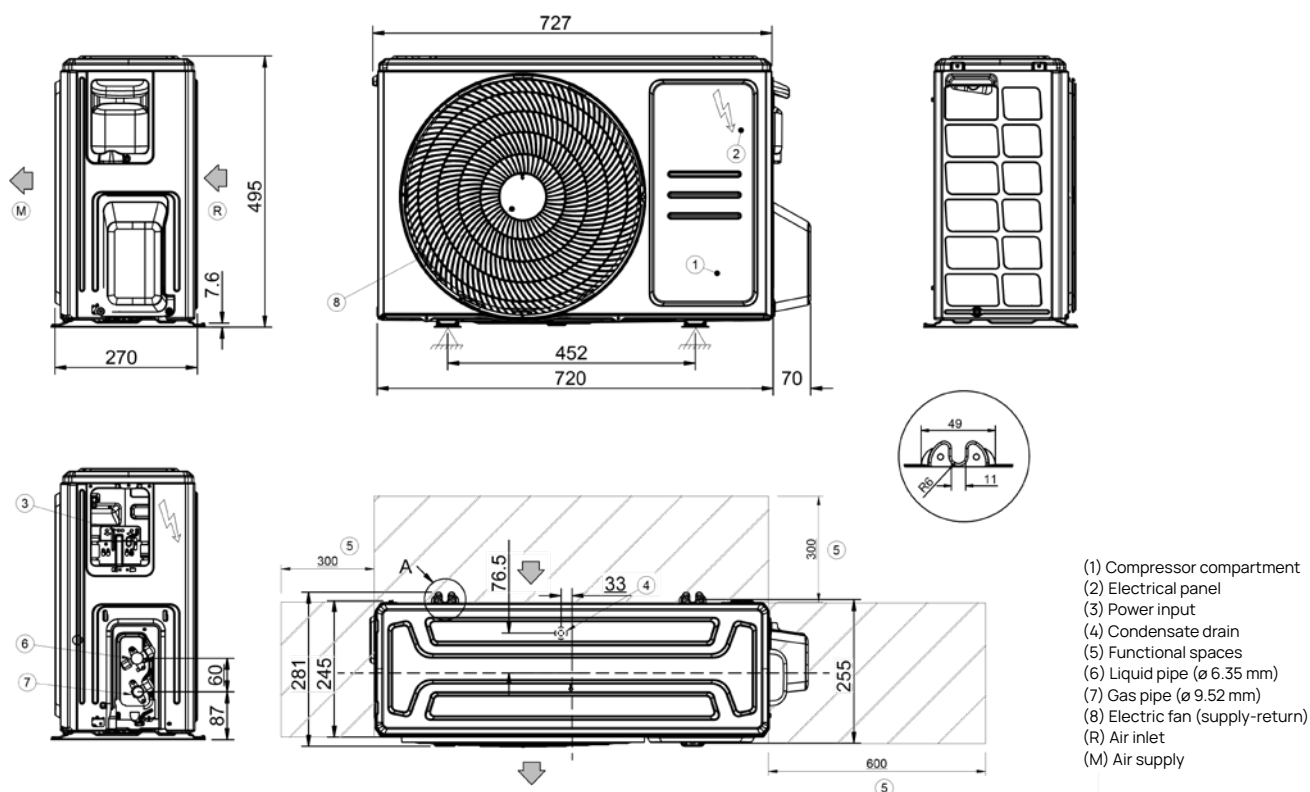
EZCool - Indoor unit

ILA1-Y 70M



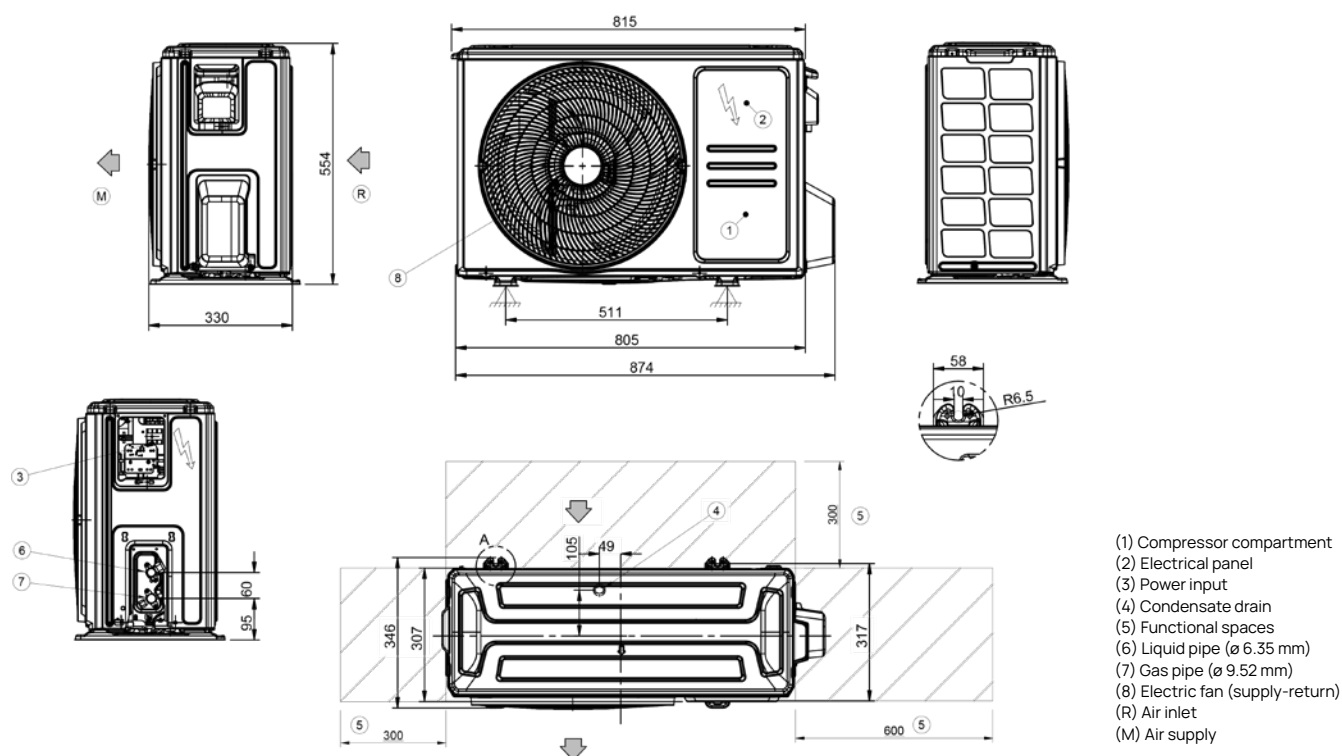
EZCool - Indoor unit

MLA1-Y 27M ÷ 35M



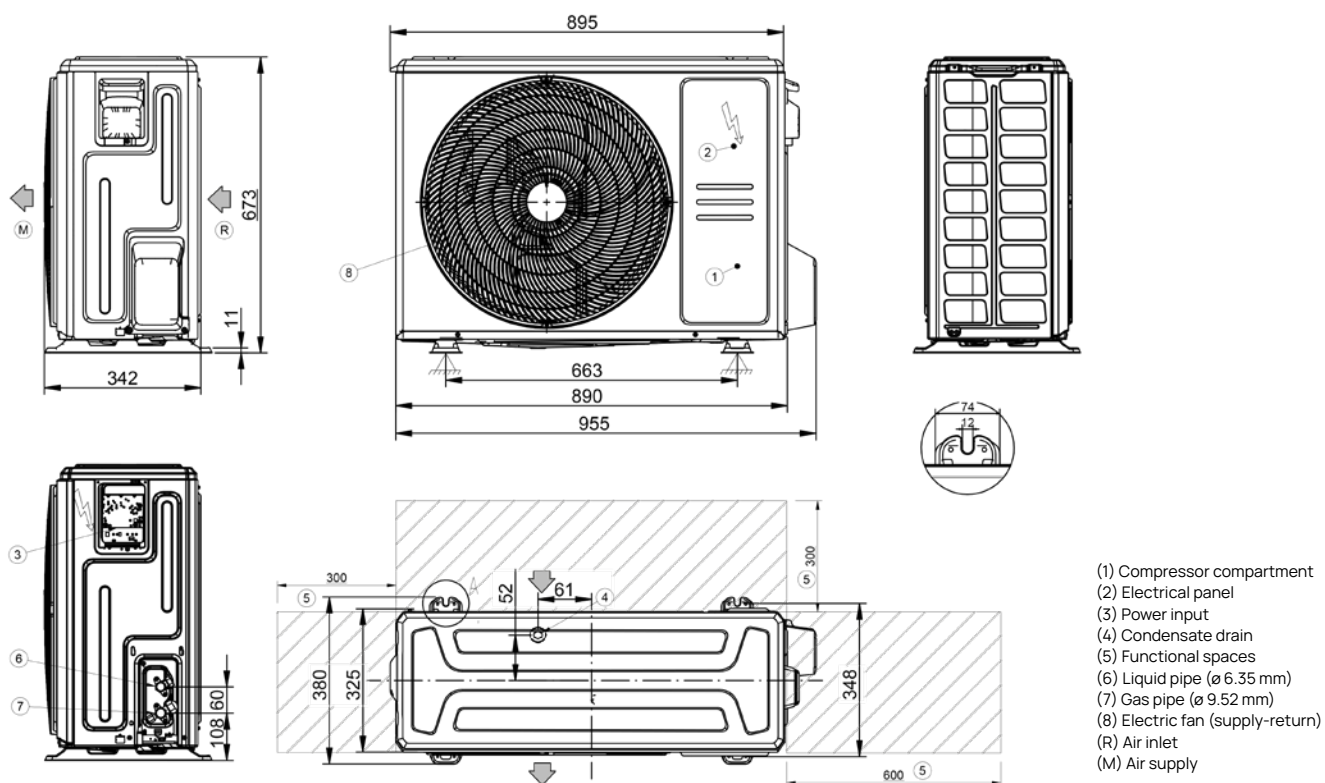
EZCool - Indoor unit

MLA1-Y 53M



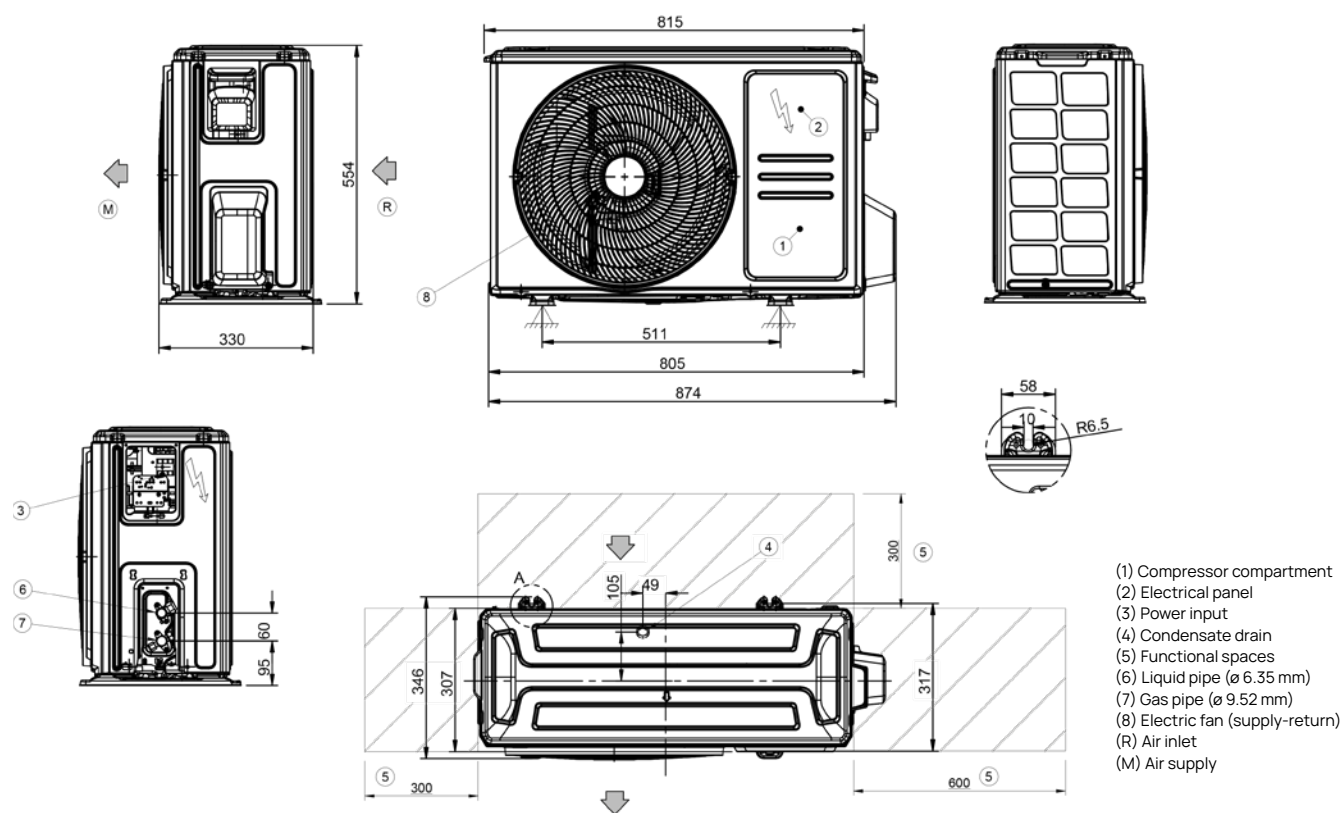
EZCool - Indoor unit

MLA1-Y 70M



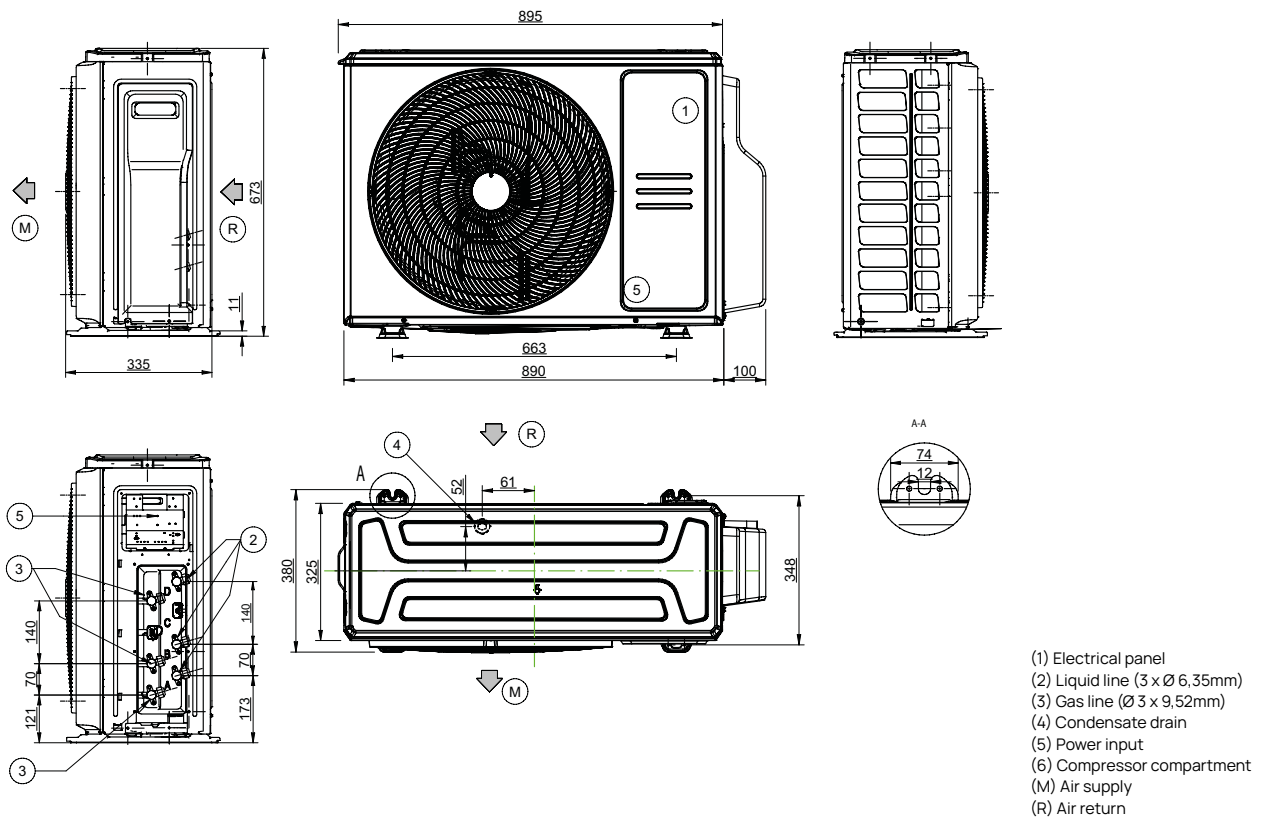
ODU-SM 2

MU2-Y 41M ÷ 53M-3



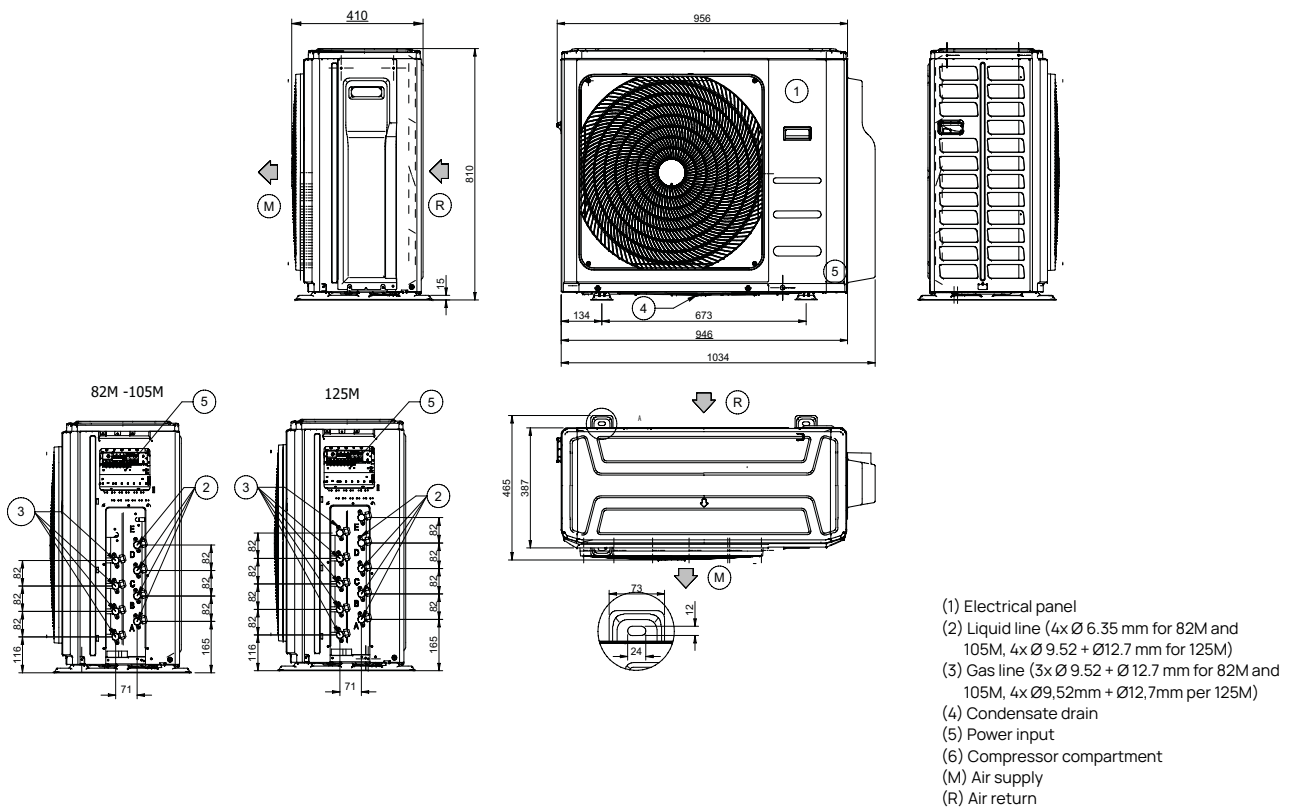
ODU-SM 2

MU2-Y 61M ÷ 79M



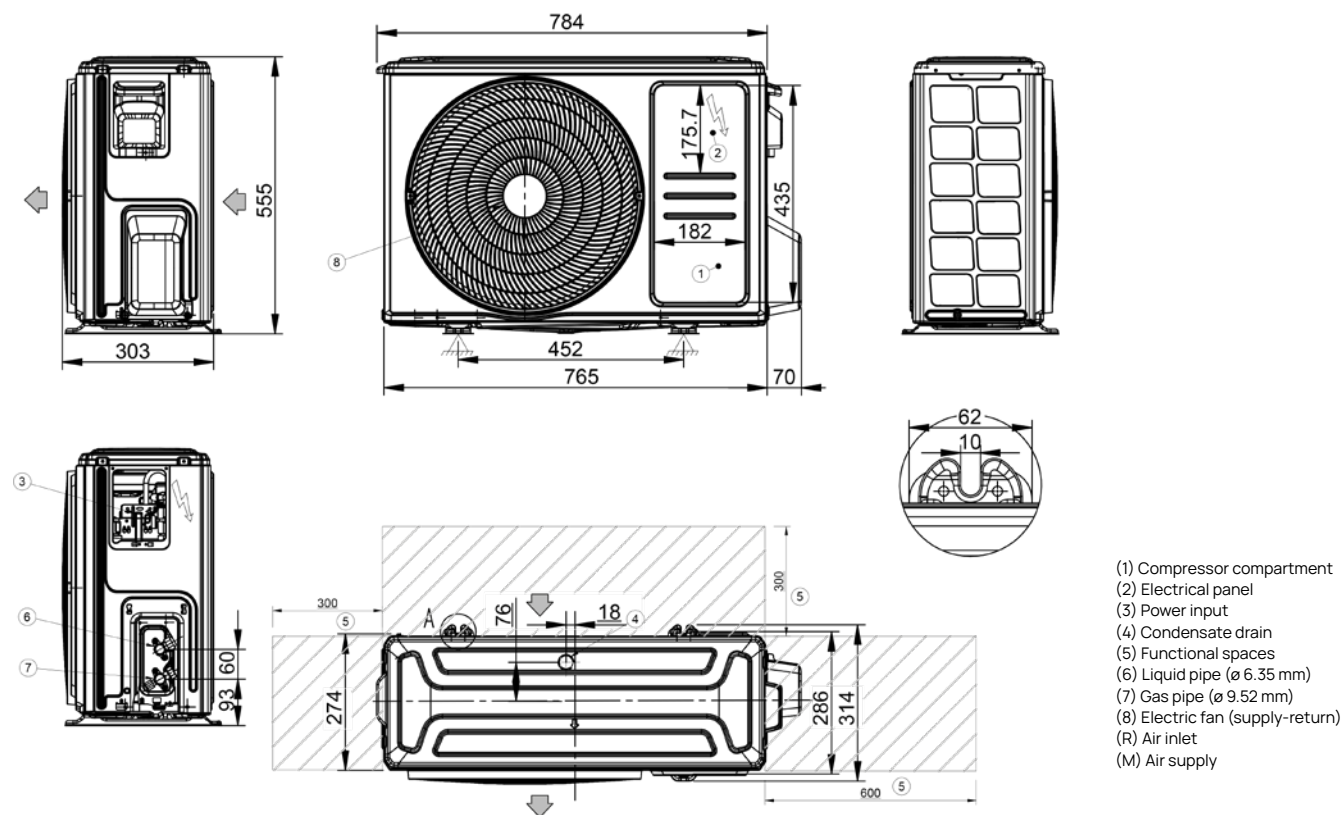
ODU-SM 2

MU2-Y 82M ÷ 125M



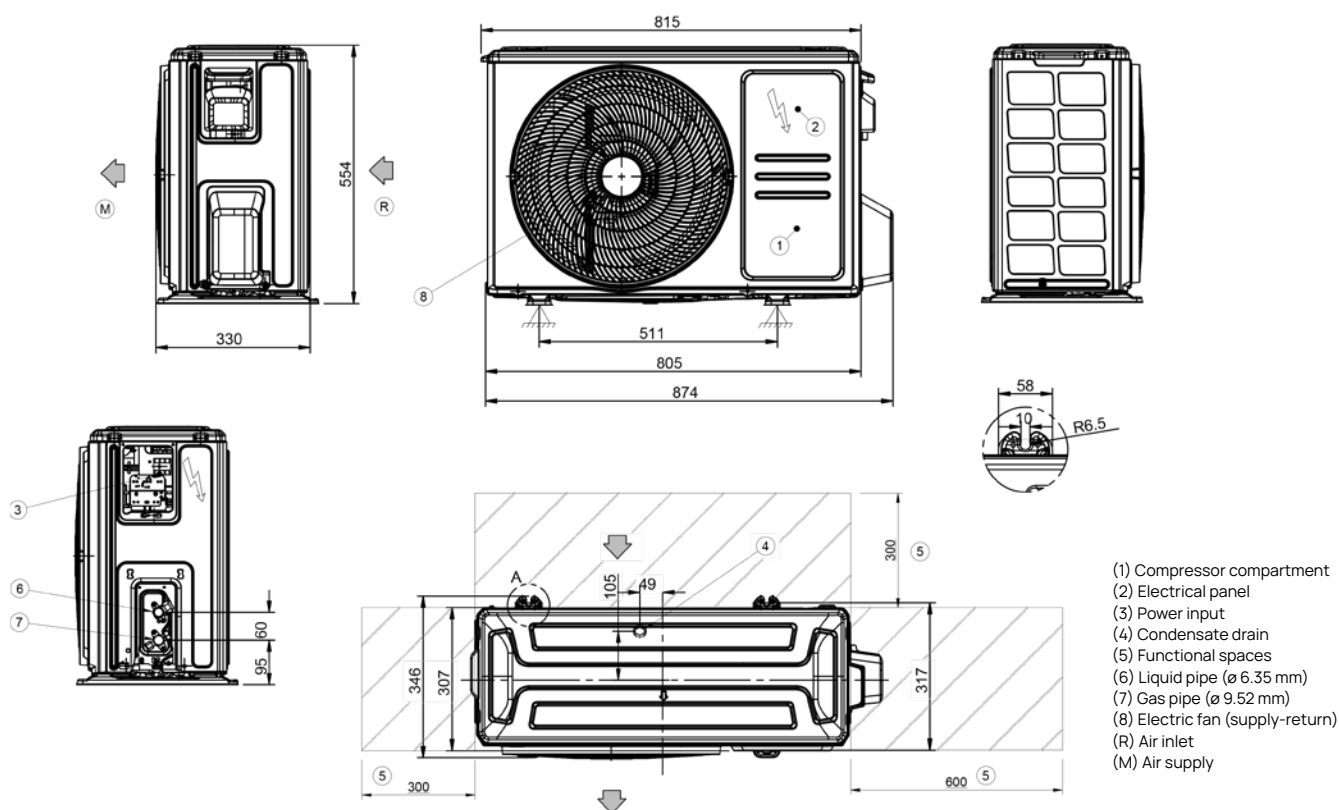
ODU-SL 2

MC3-Y 35M



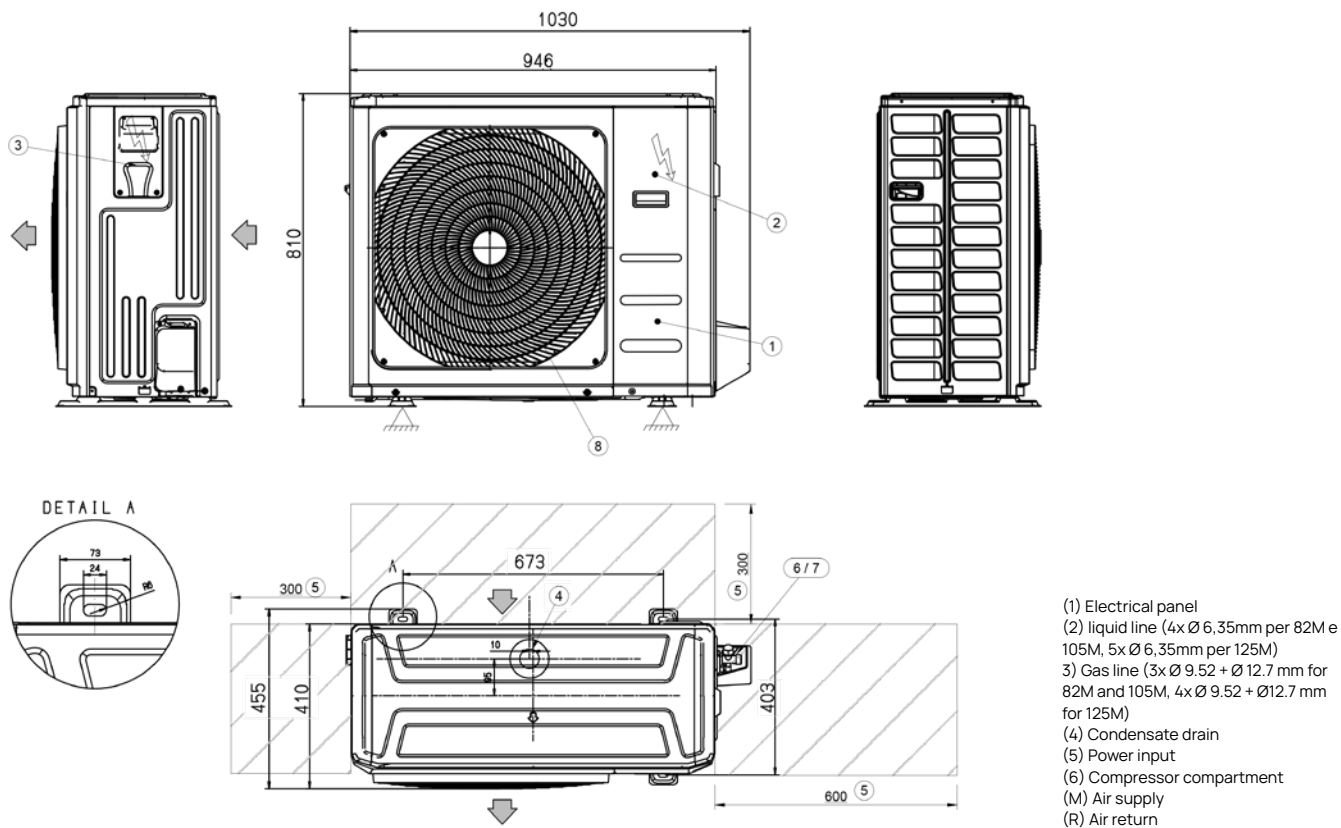
ODU-SL 2

MC3-Y 53M



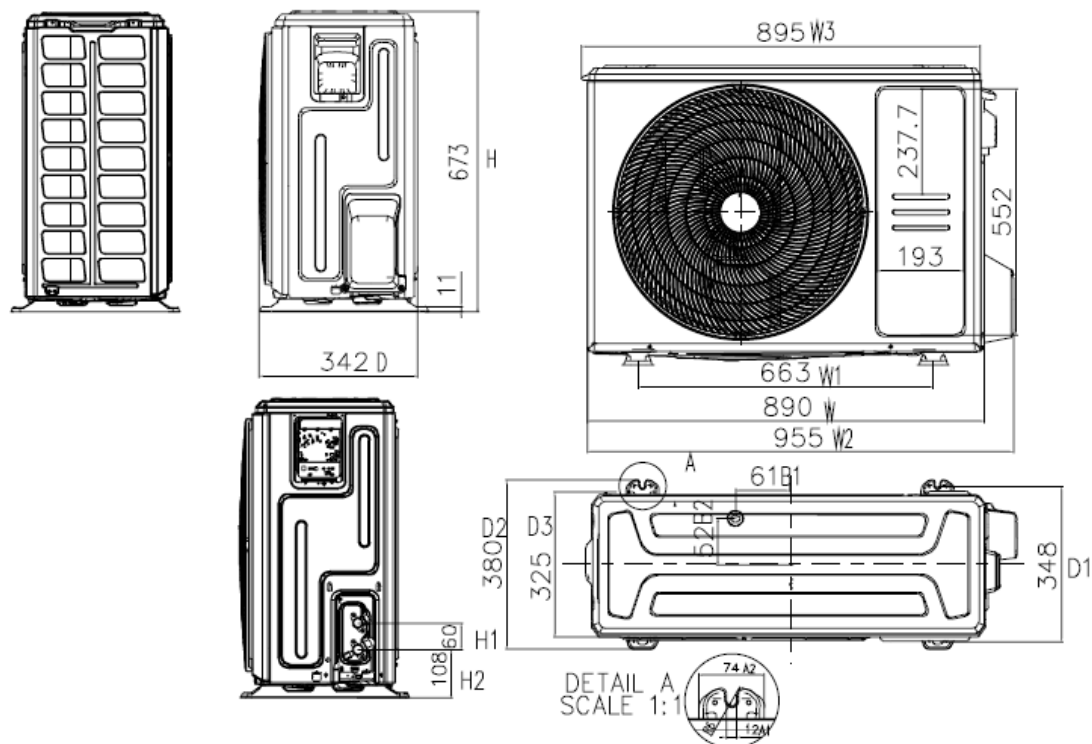
ODU-SL 2

MC3-Y 105M÷120M



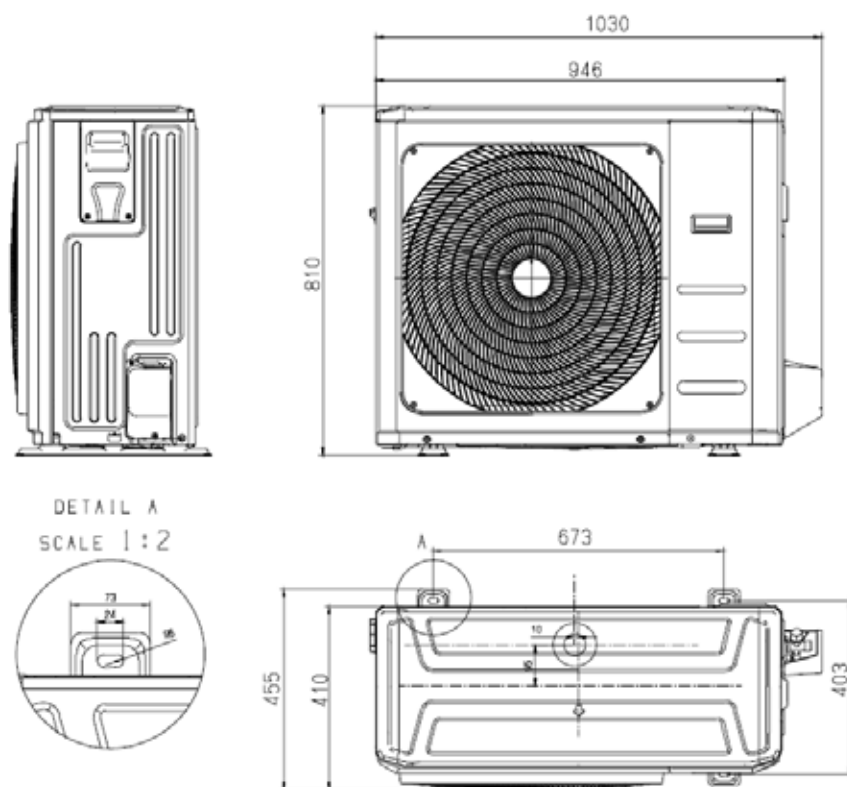
ODU-SL 2

MC4-Y 70M



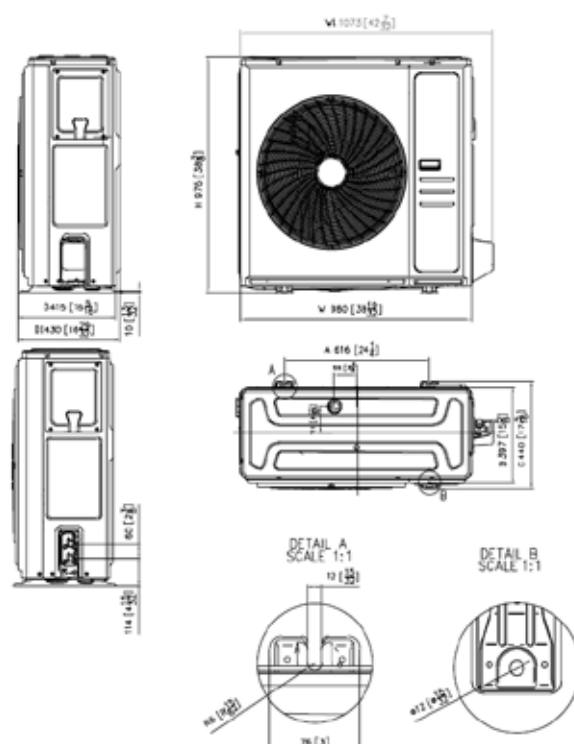
ODU-SL 2

MC4-Y 88M



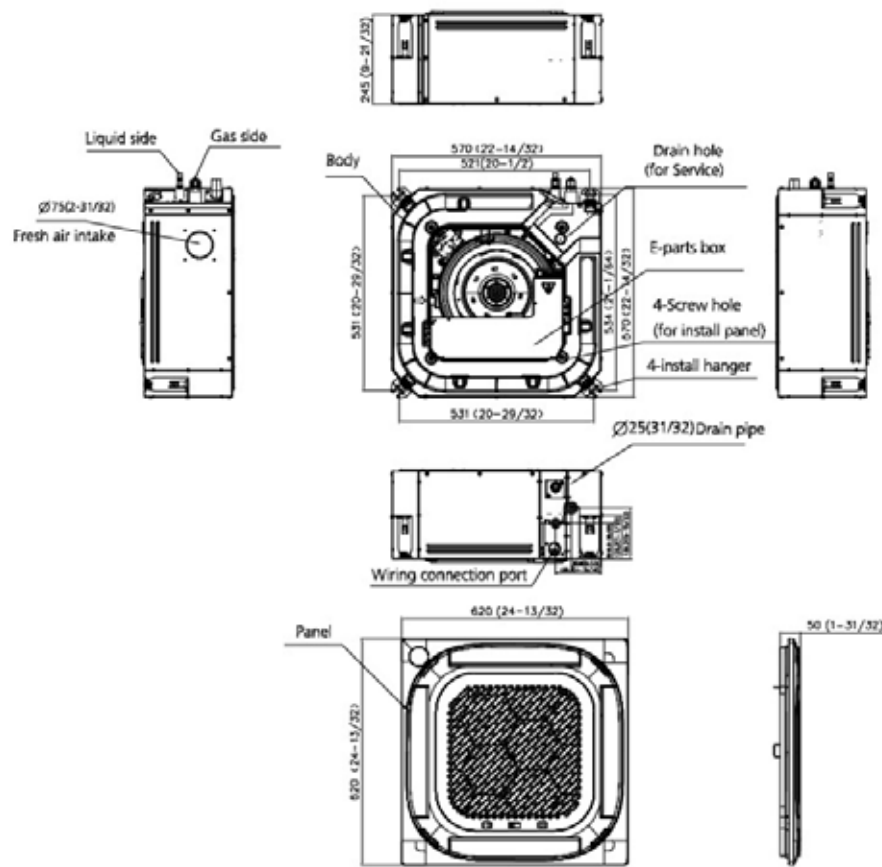
ODU-SL 2

MC4-Y 140T ÷ 160T



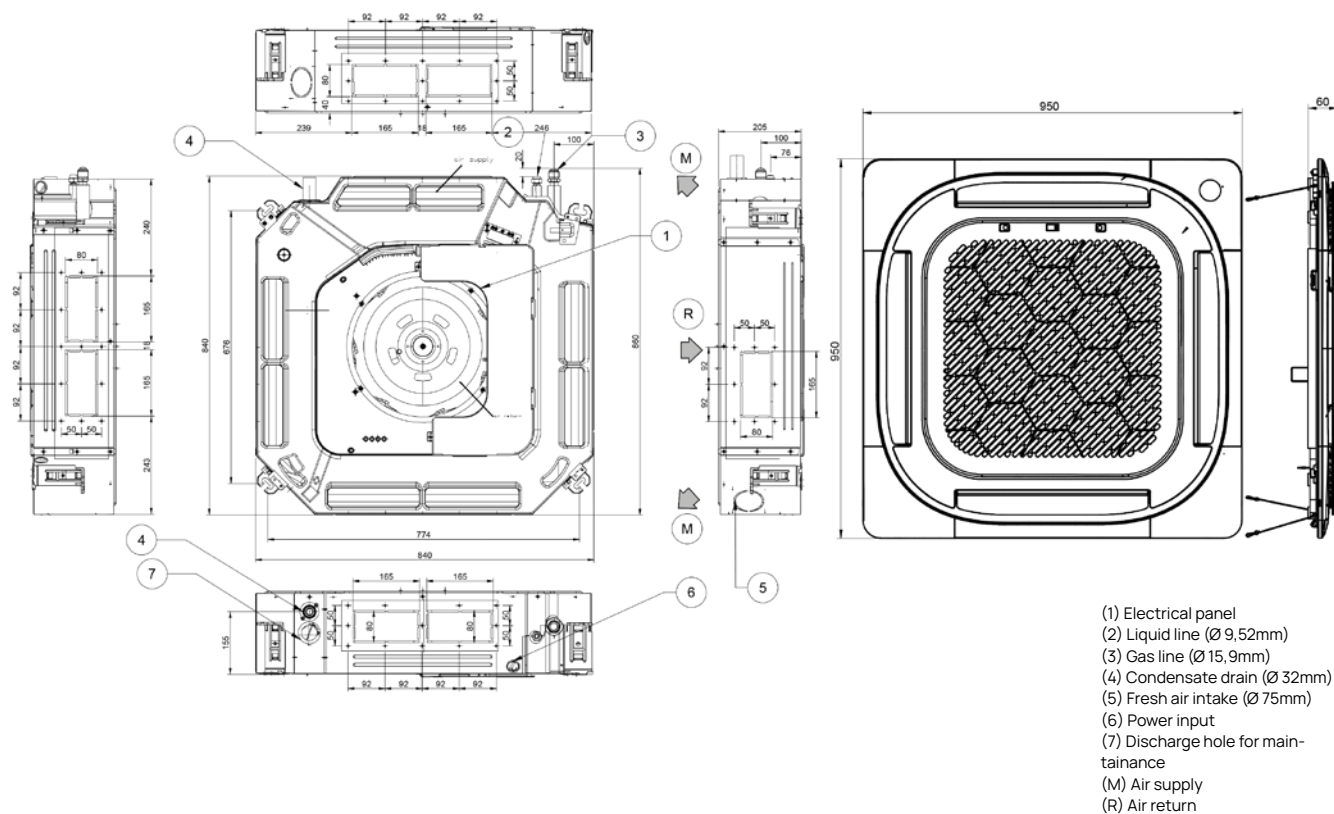
4-WAY COMPACT CASSETTE

IBA1-Y 35M÷53M



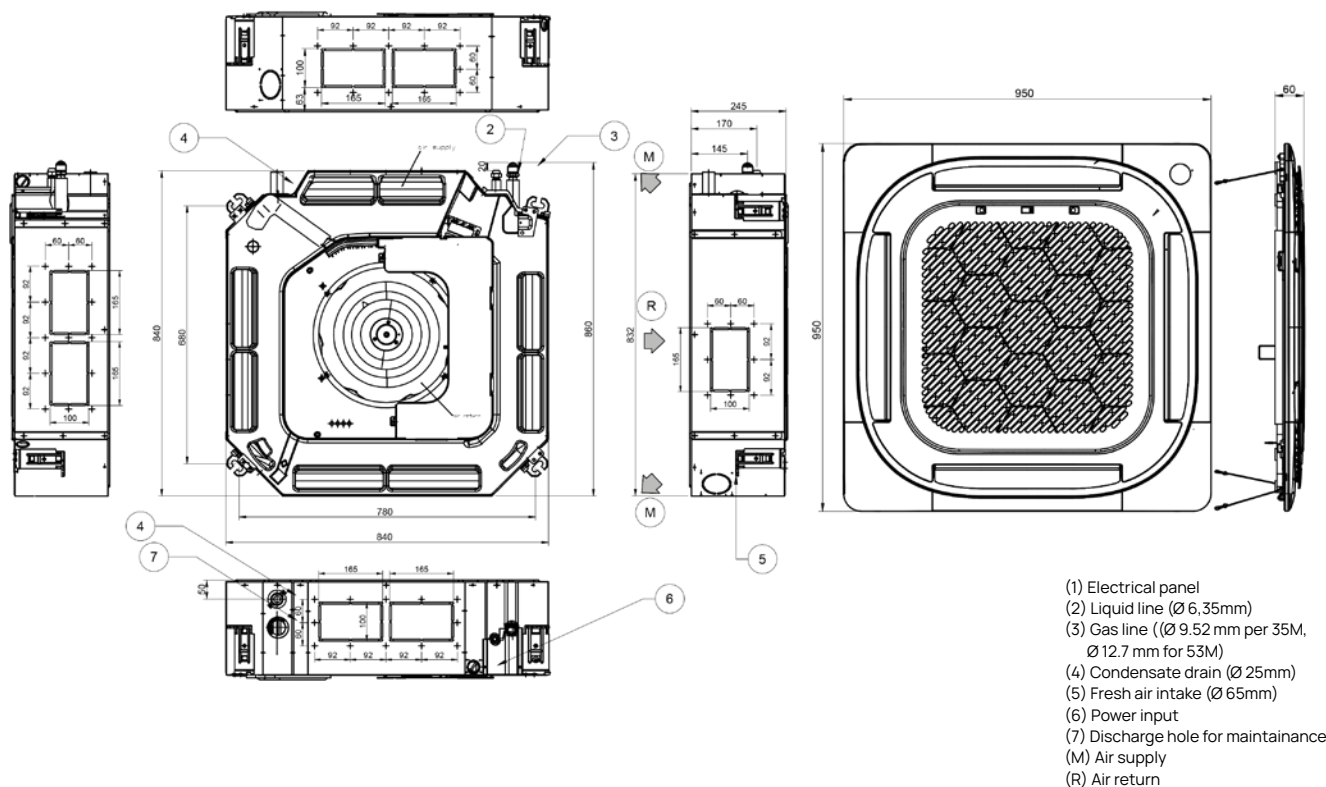
BOX 2 950X950

IA3-XY 70M



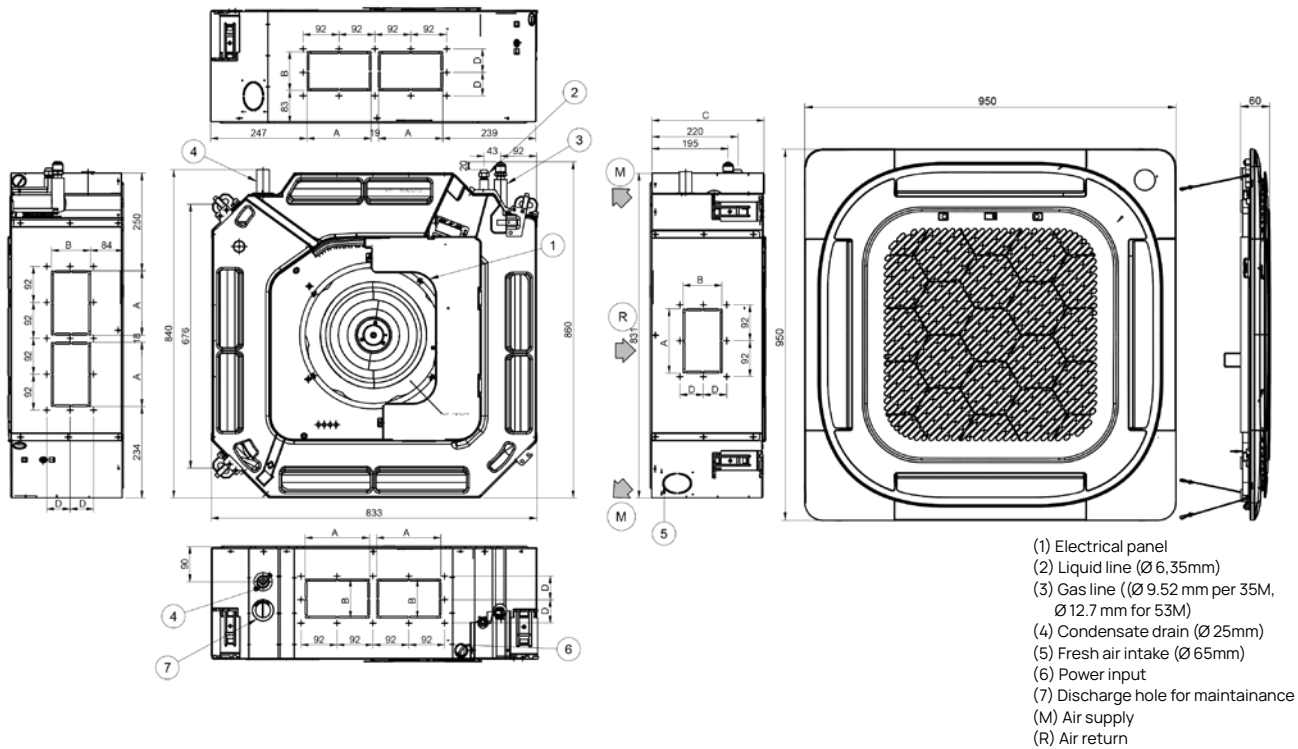
BOX 2 950X950

IA3-XY 88M÷105M



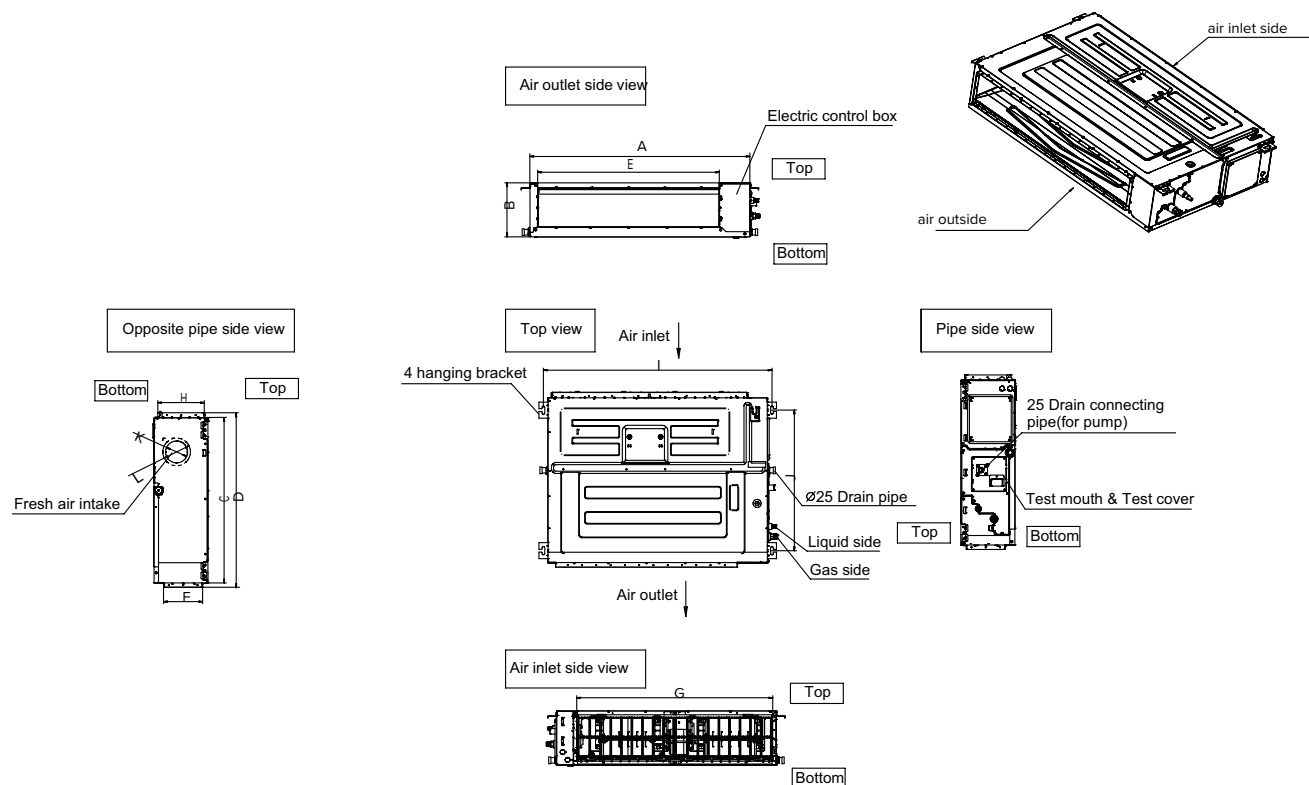
BOX 2 950X950

IA3-XY 120M÷160M



DUCT 3

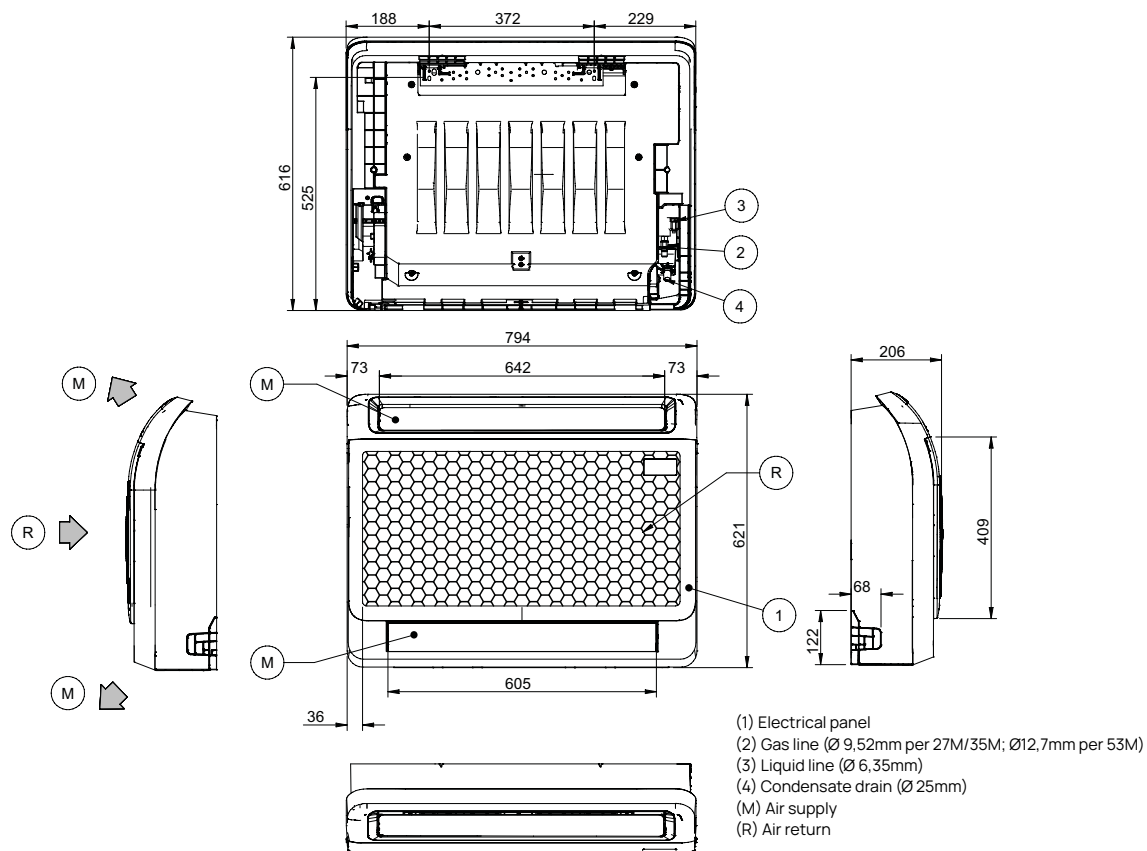
IDA1-Y 35M ÷ 160M



Size	A	B	C	D	E	F	G	H	I	J	K	L
27M - 35M	700	200	450	506	537	152	599	186	741	360	92	113
53M	700	245	750	795	527	178	592	212	740	640	100	126
70M - 88M	1000	245	750	795	827	178	892	121	1040	640	100	126
105M - 140M	1200	245	750	795	1027	178	1092	212	1240	640	100	126
160M	1200	300	750	795	1027	233	1092	267	1240	640	125	160

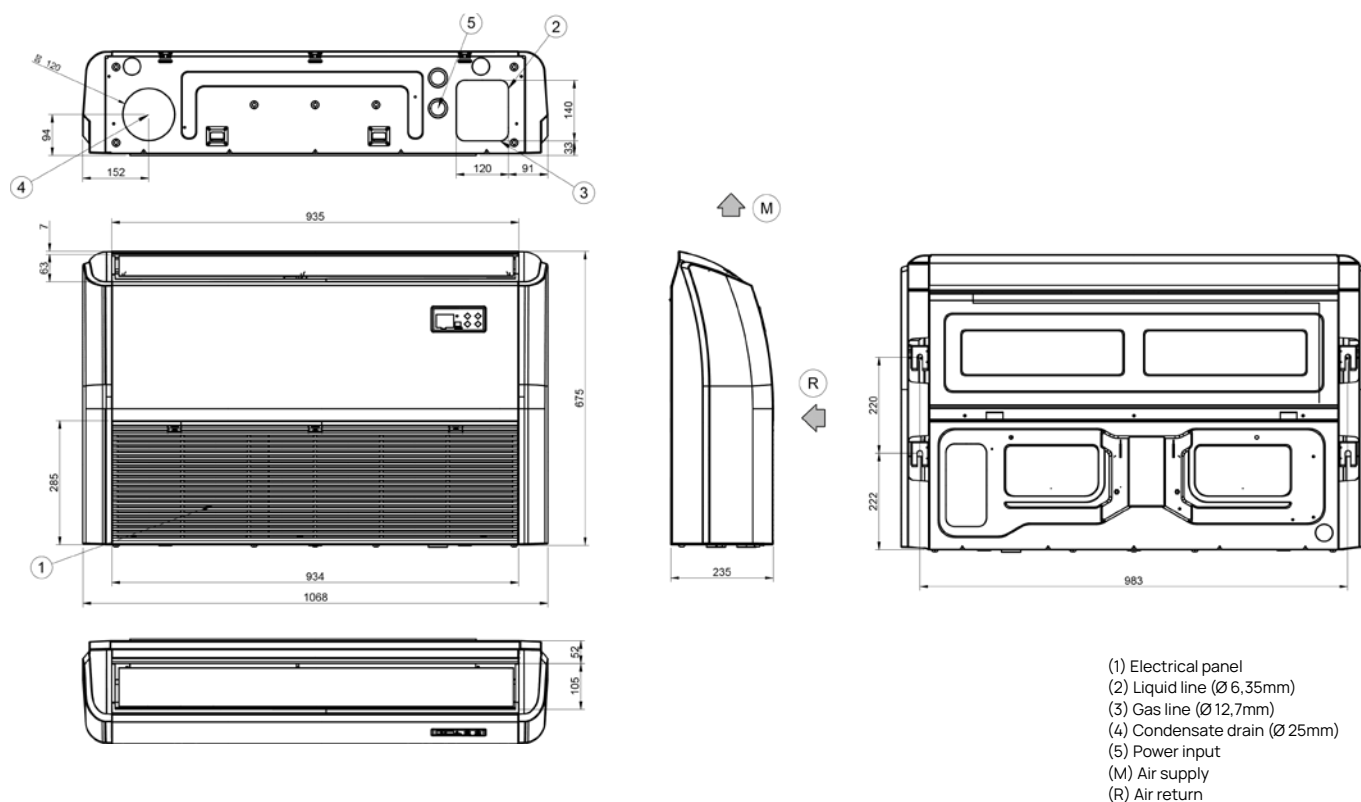
CONSOLE 3

IC3-Y 27M ÷ 53M



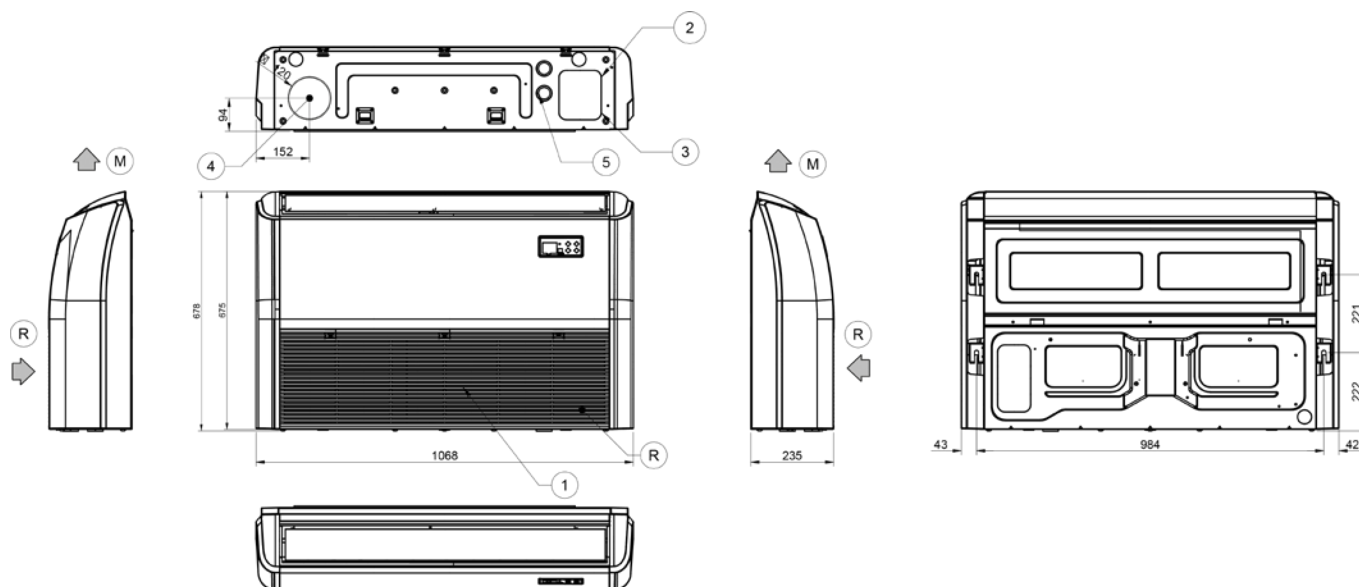
CEILING & FLOOR 2

IF3-XY 53M



CEILING & FLOOR 2

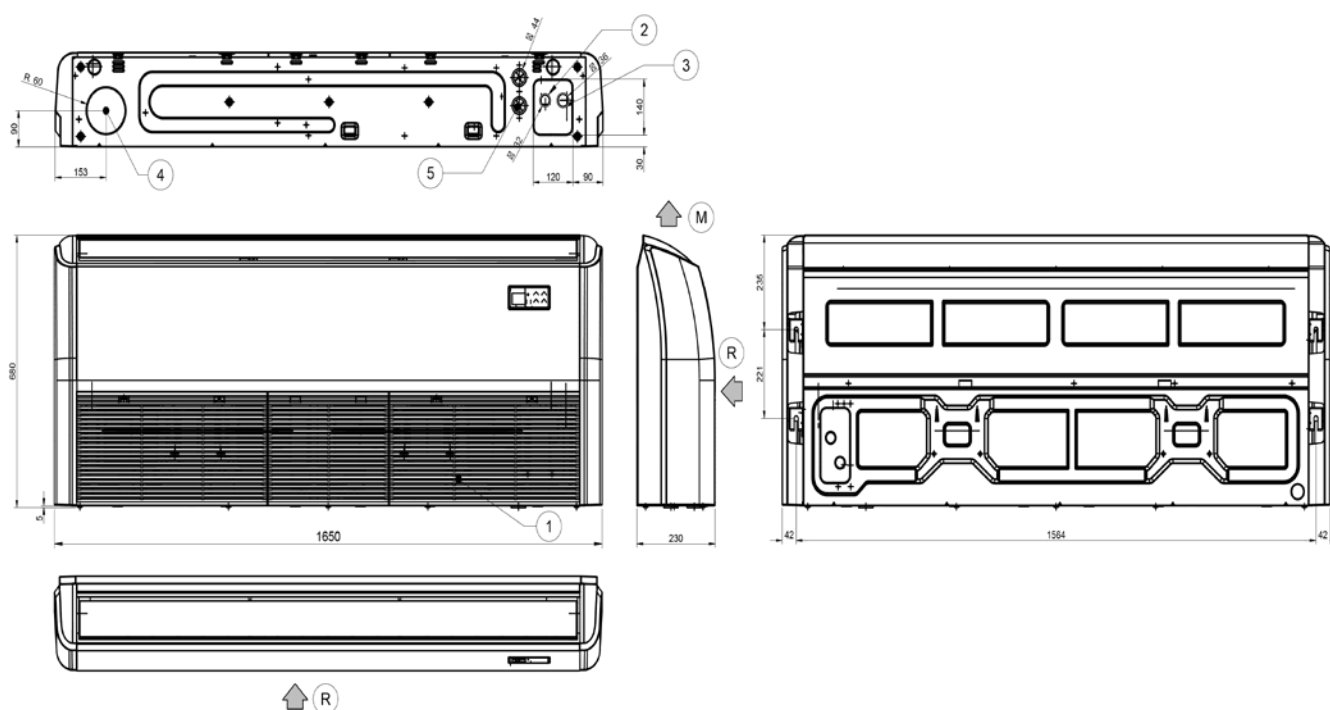
IF3-XY 70M



- (1) Electrical panel
- (2) Liquid line (Ø 9,52mm)
- (3) Gas line (Ø 15,9mm)
- (4) Condensate drain (Ø 25mm)
- (5) Power input
- (M) Air supply
- (R) Air return

CEILING & FLOOR 2

IF3-XY 105M ÷ 160M



serieS	Size from	TO	Brand name	Group	Page
IEA1-P + MEA1-P	27M	35M	CERVINO	MONOSPLIT	30
IH2-Y + MH2-Y	27M	35M	STELVIO	MONOSPLIT	34
IMA1-Y + MMA1-Y	27M	70M	CRISTALLO 2	MONOSPLIT	38
ILA1-Y + MLA1-Y	27M	70M	EZCOOL	MONOSPLIT	42
MU2Y	41M	125M	ODU-SM 2	MULTISplit	50
IMA1-Y	27M	70M	CRISTALLO 2	MULTISplit	52
ILA1-Y	27M	70M	EZCOOL	MULTISplit	54
IBA1-Y	27M	53M	CASSETTE COMPATTE 4-VIE	MULTISplit	56
IDA1-Y	27M	70M	DUCT 3	MULTISplit	58
IC3-Y	27M	53M	CONSOLE 3	MULTISplit	60
IF3-XY	53M	-	CEILING & FLOOR 2	MULTISplit	62
IB3-XY + IBA1-Y	35M	53M	CASSETTE COMPATTA 4-VIE	Light Commercial	100
IA3-XY + MC3-Y / MC4-Y	70M	160M	BOX 2 950x950	Light Commercial	102
IDA1-Y + MC3-Y / MC4-Y	35M	160M	DUCT 3	Light Commercial	106
IC3-Y + MC3-Y	35M	53M	CONSOLE 3	Light Commercial	108
IF3-XY + MC3-Y	35M	160M	CEILING & FLOOR 2	Light Commercial	110

Clivet, in compliance with Regulation 517/2014, informs that its products contain or function with the use of fluorinated greenhouse gases: R-32 (GWP 675), R-410A (GWP 2087,5), R-134a (GWP 1430) e R-407C (GWP 1773,85), R-513A (GWP 631), R-1234ze (GWP 7), R-290 (GWP 3).

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Updated data available on www.clivet.com

Key
Icon
←

ICONS GUIDE

ENERGY SAVING



1W Stand-by
Reduction of power consumption during the stand-by function.



Sleep
Night operation program that reduce sound levels and maintain suitable temperatures.



Intelligent Eye Detector
Infrared sensor that adapt unit operations following people presence.



Gear
Let the user set the operation at standard, 75% or 50% energy consumptions



ECO
Energy-saving operation mode



Vacances
Energy-saving mode for long period staying outside home

Comfort



Follow Me
Temperature sensor built in the remote controller will sense its surrounding temperature.



Turbo
This function gives you a boost in cooling and heating power for a period, and makes the room cool down or heat up rapidly.



Silent
Deactivating audible warnings and switching off the display.



Super Silent
Low noise operating profile



Stepless Outdoor Fan Speed
The fan speed is adjustable anywhere in the range 1%-100%



12 Grades Indoor Fan Speeds
Up to 12 levels indoor fan speeds, ensure more accurate control and bring more comfortable airflow.



Stepless Outdoor Fan Speed
La vitesse du ventilateur est réglable n'importe où dans la plage de 1% à 100%



7 Outdoor Fan Speeds Levels
Up to 7 levels outdoor fan speeds, ensure more accurate control and energy saving.



6 Outdoor Fan Speeds Levels
Up to 6 levels outdoor fan speeds, ensure more accurate control and energy saving.



Anti cold air
Cold air flow prevention if internal heat exchanger is too cold.



Temperature Compensation
This function can revise this temperature difference to make a more accurate temperature control.



Multidirectional airflow
Horizontal and vertical blades are motorised and remote-controlled



360° Air flow
360° air outlet creates a soft and gentle air flow which circulates throughout the whole space and provides an even temperature distribution in the room.



High Air Outlet Temperature
The unit can distribute high temperature air even in colder climates, ensuring optimal comfort.



Auto Swing
It distributes cool/warm air to maximum area by moving horizontal flaps automatically.



Wide air flow range
Long supply airflow, for a better conditioning of every corner of the room.



Hot Water (Heat/DHW)
Hot water production for Heating or DHW.



Low ambient temperature heating
Compared to traditional air conditioners, the wide operating range allows the unit to operate in Heating even at very low ambient temperatures.



180° louver
Horizontal louver can rotate with a 180° angle, bigger than a standard unit



Breeze away
Set the blades to avoid direct airflow



Cascade
Quick cooling function that let the horizontal louver rotate automatically



Humidity management
The user can set the desired humidity and the unit will dry the air in a proper way

RELIABILITY



Refrigerant Leakage Alarm
Notifies the presence of any refrigerant leaks.



Self-diagnosis function
Once abnormal operation or parts failure happen, the unit will shut off automatically to protect the system. Meanwhile it will indicate protection or error code for fast service.



Emergency Function
In case of temperature sensor failure, the unit operates in emergency mode and continues to ensure air conditioning.



Auto Defrosting
Prevent evaporator from freezing and maintain dehumidifying effect under low temperature environment.



Technical room conditioning
The air conditioner can operate in cooling mode even at low outside temperatures.



Condensate drain pump
Helps the indoor unit to dispose of condensation water.



Chassis Heating Belt
Outdoor unit frame is equipped with a electric heater on the base to prevent the water presence due to defrosting, improving the efficiency of the heat exchange.



Compressor Heating Belt
The compressor is equipped with a electric heater to prevent the presence of water due to defrosting, improving the efficiency of heat exchange.



Back-up electrical heater
An electrical heater helps the unit to operate at the worst conditions.



Auxiliary heating source
The unit can manage an additional external heating source.



Opposite fan rotation
The ODU fan can rotate in reverse to remove sand and dust, keeping the compressor clean.

HEALTH



High Density filter
Better filter efficiency thanks to smaller holes for air passage.



Cold Catalyst filter
It eliminates formaldehyde and other volatile organic compounds (VOCs) as well as harmful gases and odors.



Self-Cleaning
Indoor unit will continue running at special combined mode to blow and dry indoor evaporator after the unit switched off so as to keep clean and healthy.



Fresh air inlet
Outside air can be lead into the room via a connection pipe, which keeps the indoor air fresh and healthy.



Purification filter
Clean the air from smells, dangerous gas (VOCs), microbes (bacteria, virus, spores) and other particles.



i-clean
Indoor unit cleaning cycle that prevents odors and mould growing.



Anti-legionella disinfection cycle
to prevent the bacteria inside DHW tank.

CONVENIENCE



Manual Switch Button
You can easily turn on/off your AC by pressing manual switch button, without using a remote controller or any special tools.



Remote On/Off
With a smart control board, the air conditioners can be turned on/off via long distance control signals.



Error Alarm Port
Port for remote alarm on the unit.



Wired controller
Wired controller can be fixed on the wall and avoid mislaying. It's mainly used far commercial zone and makes air conditioner control more convenient.



Centralised control
The centralized controller is a multi-functional device.



BMS Management
Possible to manage the unit via BMS Software.



WiFi Control
Possible to manage the unit via App.



Single/Multi MCompatible
Compatible indoor unit for both single and multi system. It comes in handy for warehouse management.



Fins Position Memory Function
At each start, the air deflector will return to the last selected position.



Auto Restart
If the air conditioner breaks off unexpectedly due to a power cut, it will restart with the previous setting mode automatically when the power resumes.



Double condensate drain
Both left and right sides of indoor unit are possible for drainage hose connection, easy for installation.



Timer
Possible to program the unit switch on and off in 24 hours.



Weekly Timer
Possible to program the unit switch on and off during the week.



0.5°C Temperature Regulation
Enhanced comfort, thanks to the temperature regulation with 0.5°C precision.



Automatic correction of the connection errors
It automatically redirects any connection errors.



Voice control compatible
Ability to manage the unit with voice, thanks to compatibility with Amazon Alexa, Google Home.

For OVER 35 years we have been offering solutions for sustainable comfort and the well-being of people and the environment

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