



**GUIDE 2024**  
PRODUCTS AND SYSTEMS  
**SPLIT**

2024



AIR CONDITIONING  
AND AIR QUALITY  
PARTNER

*Inspiring Solutions since 1989*





This document is dedicated to those looking for advanced and specialized solutions for heating and cooling.

Solutions able to increase the comfort level in the places where we live, work and spend our free time.

Complete year round systems, focused on substantial energy savings and less dependency on the fossil fuels used by traditional HVAC solutions, such as natural gas or oil.

## INSPIRING SOLUTIONS



AIR CONDITIONING  
AND AIR QUALITY  
PARTNER

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 "SYSTEMS AND PRODUCTS" area at [www.clivet.com](http://www.clivet.com) and on Clivet Apps, where they can be downloaded free of charge.

To keep up to date with Clivet news, follow us on our social networks:





CLIVET. INSPIRING SOLUTIONS



MONOSplit



MULTISplit



LIGHT COMMERCIAL



ACCESSORIES & CONTROL SYSTEMS



DIMENSIONAL DRAWINGS

ALWAYS READY FOR THE FUTURE

# INSPIRING SOLUTIONS

For over 30 years of working on the design, manufacturing and distribution of air conditioning and handling systems, combining high efficiency with minimal environmental impact, Clivet has developed solutions to ensure sustainable comfort and the well-being of people and the environment. Designing and developing year-round air conditioning solutions with innovative technologies are part of Clivet's DNA, which means the company has always been ready for the future.

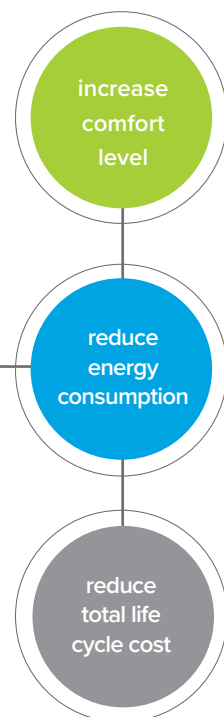


## COMFORT FOR THE PLANET & PEOPLE

### OUR VALUES

IN THE RESIDENTIAL, COMMERCIAL AND INDUSTRIAL SECTORS

Increasing comfort, saving energy and providing customers with the best value for the entire life cycle of the system: these are the values that inspire our systems for the residential, services and industrial sectors.



## OUR NUMBERS

**53.500 m<sup>2</sup>**  
OF PLANTS IN  
FELTRE - BELLUNO  
VERONA (UTA PRODUCTION)

**975**  
EMPLOYEES  
IN ITALY AND  
ABROAD

**270**  
WHOLESALEERS WITH  
CONTRACT

**170**  
SERVICE CENTRES

**2016**  
STRATEGIC ALLIANCE  
WITH MIDEA GROUP

**36**  
AGENCIES  
IN ITALY

**100**  
COUNTRIES WE  
EXPORT TO

**8** BRANCHES:  
GREAT BRITAIN,  
GERMANY, INDIA,  
RUSSIA, UAE, CHINA,  
BALKANS AND FRANCE

**2015**  
CLIVET LIVE IS BORN

**2023**  
MIDEA GROUP **278** FORTUNE  
GLOBAL 500  
**47.3 €M**  
OF TURNOVER

# New additions to the 2024 range

CLIVET







## New CRISTALLO 2 SINGLESplit / MULTISplit

NEW

- ✓ New model with a unique design with a matte panel finish
- ✓ Very high energy efficiency range: the 27M and 35M sizes are in class A+++/A++
- ✓ Sizes 27M, 35M, 53M, 70M
- ✓ Wi-Fi connection as standard
- ✓ Self-cleaning function of the indoor unit at 56 °C
- ✓ Equipped with horizontally and vertically adjustable fins
- ✓ Equipped with GEAR and ECO functions: usage profiles to further increase the energy savings



# 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.

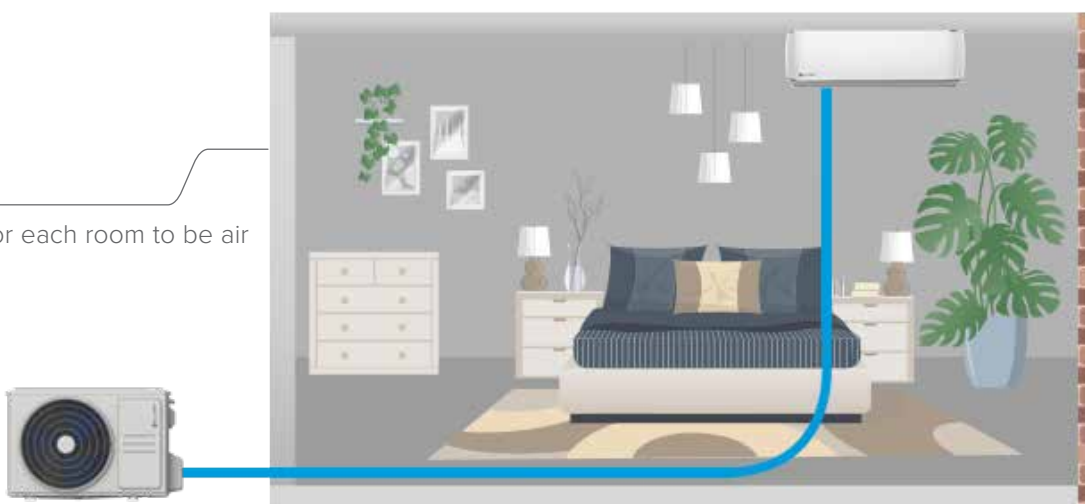
An oversized system does not guarantee a uniform temperature or a good dehumidification and operates inefficiently by alternating continuous start/stop, wearing out quickly.

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:

## SINGLESplit / Light Commercial

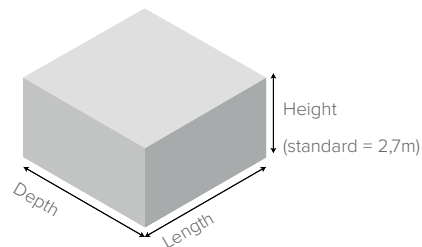
One outdoor unit for each room to be air conditioned.



Required capacity [W] = Room volume [m<sup>3</sup>] x 40/1.000

NOTE:

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



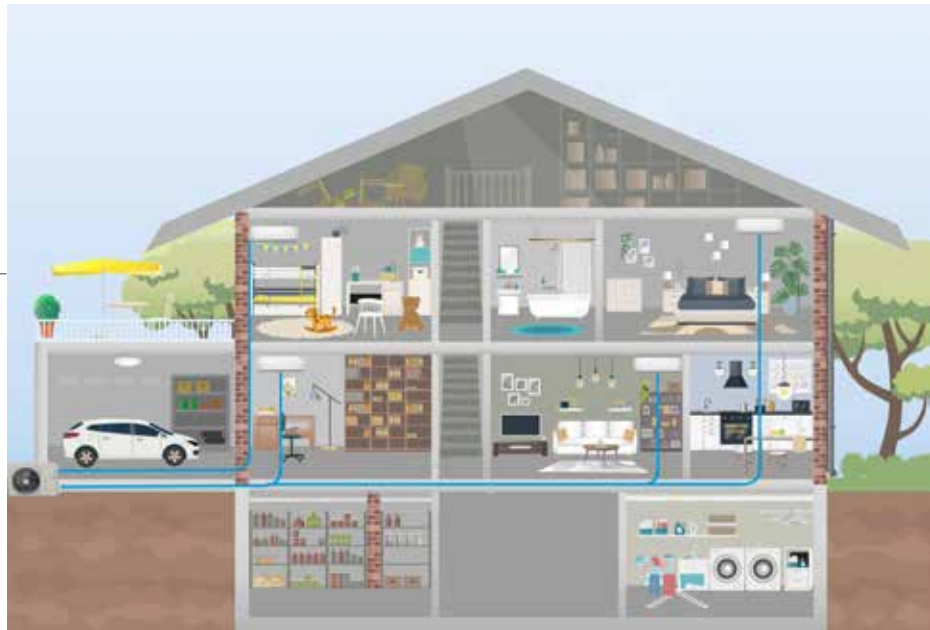
Room volume = length x depth x height

### Typical rooms (example with Cristallo)::

Room	Surface [m <sup>2</sup> ]	Volume [m <sup>3</sup> ]	Required C [kW]	Size
Dining room	35	94,5	3,78	35M
Living room	50	135	5,40	53M
Room	25	67,5	<b>2,70</b>	27M

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

Space-saving solution, suitable for the conditioning of many environments.



- Choose how many rooms need air conditioning: number of outdoor unit connections
- For each room: Required power [W] = Room volume [m<sup>3</sup>] 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 [m <sup>2</sup> ]	Volume [m <sup>3</sup> ]	Required C [kW]	Size (IDU)
Sleeping area	Room	25	67,5	2,70	27M
	Studio	20	54	<b>2,16</b>	20M
Day area	Dining room	35	94,5	<b>3,78</b>	35M
	Living room	50	135	<b>5,40</b>	53M

tot  
11,34 kW

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

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.

# Functions

## ENERGY SAVING

CLIVET

### 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 CO<sub>2</sub> 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.

On average, the energy saved up in one year can power:



LAMP  
14 days



WASHING MACHINE  
4 days.



REFRIGERATOR  
3 days.



### Sleep

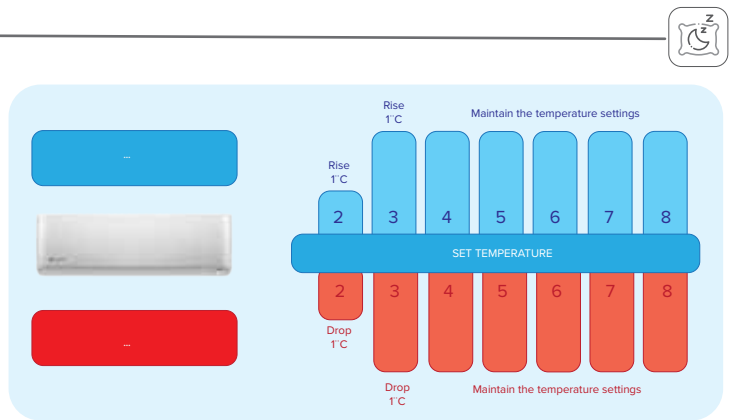
The Sleep function allows to save energy during the night:

**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 can be activated from a standard control:



### 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.

The Follow Me function can be selected 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.



# Functions

CLIVET

## COMFORT



### 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.



### 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.



### 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  $-15^{\circ}\text{C}$  and  $50^{\circ}\text{C}$ .

*N.B.: the set-point temperatures that can be selected through the remote control range between  $17^{\circ}\text{C}$  to  $30^{\circ}\text{C}$ . If the applications require other values, the remote ON/OFF function can be used.*



# Functions

CLIVET

## 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.

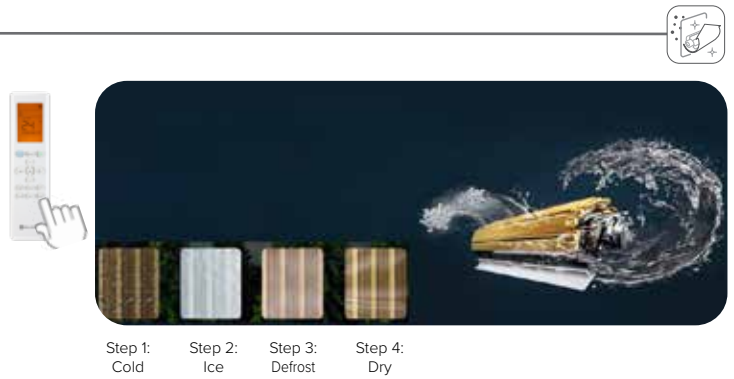


### i-clean

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)

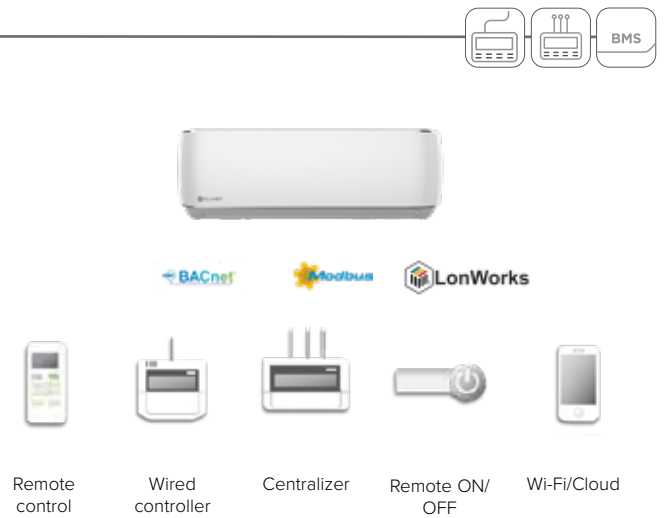


## CONVENIENCE

### 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.







## CLIVET COMBINES THE BEST TECHNOLOGY

with an excellent product quality and performance certification system

The innovation for which Clivet has always stood out, is supported by an industrial framework that has adopted the standards envisaged by ISO 9001, since 1996, guaranteeing a quality management system designed to control company processes so that they are targeted at improving the efficacy and efficiency of the organisation, as well as at client satisfaction.

In 2021 the Innovation Centre, Clivet's new centre for technological innovation, was officially opened with two new test rooms where Clivet can carry out functional, performance, acoustic, vibration and stress tests, with air temperatures from  $-20^{\circ}\text{C}$  to  $+60^{\circ}\text{C}$ , for units up to 2.5 MW with new refrigerants with a low environmental impact. Customers can attend the tests both at the Innovation Centre and online.

Clivet uses latest generation sheet metal folding, press and cutting machines for the mechanical production of its components. High product quality standards are also guaranteed by the use of patented electronic controls. Clivet only uses non-toxic and low environmental impact alloys for soldering, insulation and gases that comply with the strictest European standards, and the best components available on the market.



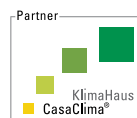
Clivet products comply with applicable **product Directives**, as required in all EU countries, in order to guarantee an appropriate level of safety.



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 USGBC, the U.S. nonprofit organization that promotes worldwide the **LEED®** system of independent certification.



In 2015, Clivet became a partner of **CasaClima**, becoming part of a network of companies renowned for their technical expertise and constant focus on sustainable homes management. Where applicable.



**KEYMARK** is a trademark recognized in many European countries for the provision of incentives for the installation of heat pumps for space 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 Heat Pumps", "Rooftops", "Air Handling Units" and "VRF" Certification programmes. The products concerned feature in the EUROVENT guide to certified products and on the website [www.eurovent-certification.com](http://www.eurovent-certification.com). The programmes apply up to the limits determined by the purpose of each programme. Where applicable.



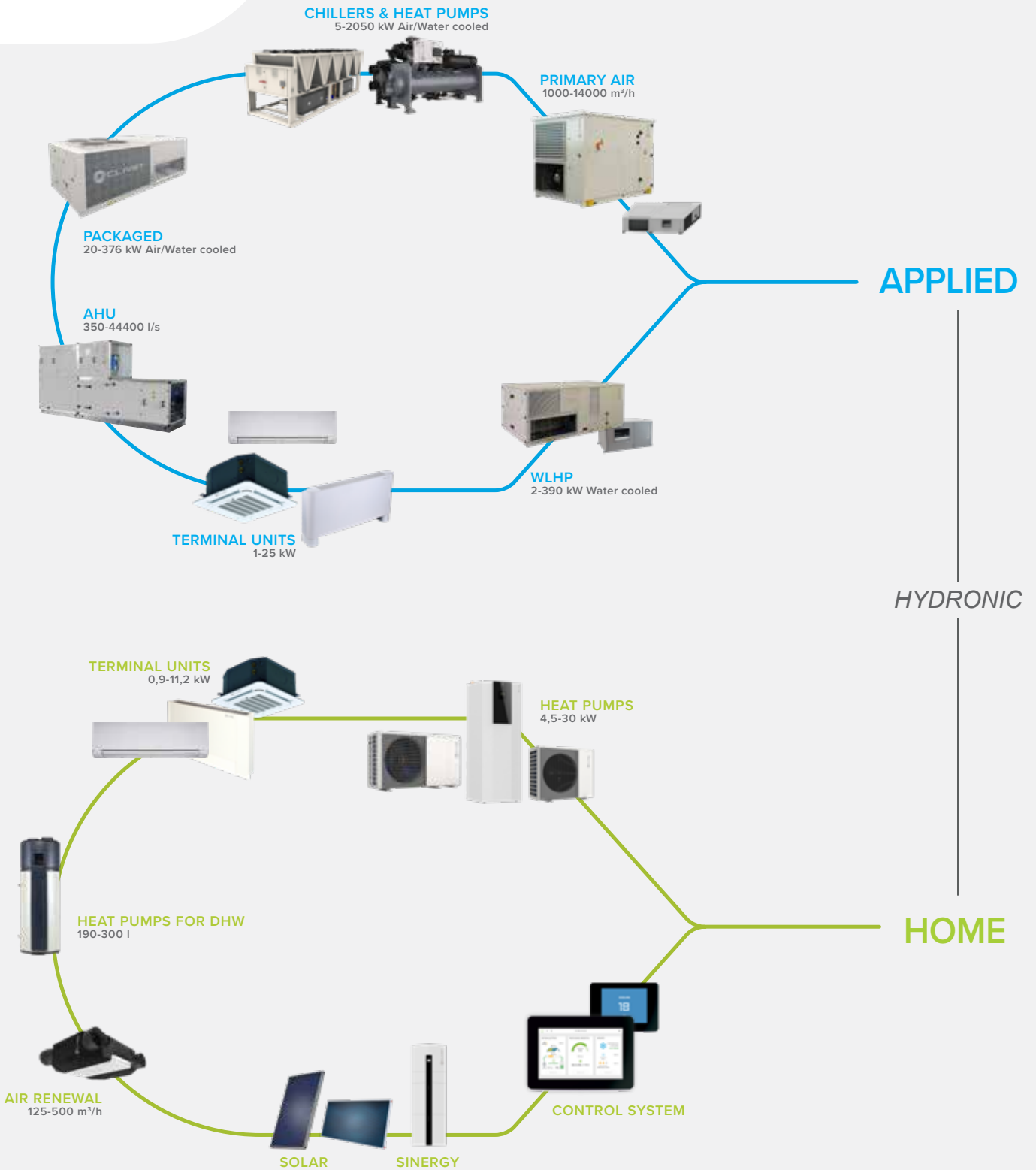
The wide range of Clivet products and complete systems comply with the requirements of the implementing measures for ErP (Energy related Products) Directives 2009/125/EC (Eco-design) and 2010/30/EU (Energy labelling), whose purpose is to reduce the energy consumption of products for heating, cooling,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

Directives 2009/125/EC and 2017/1369/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.

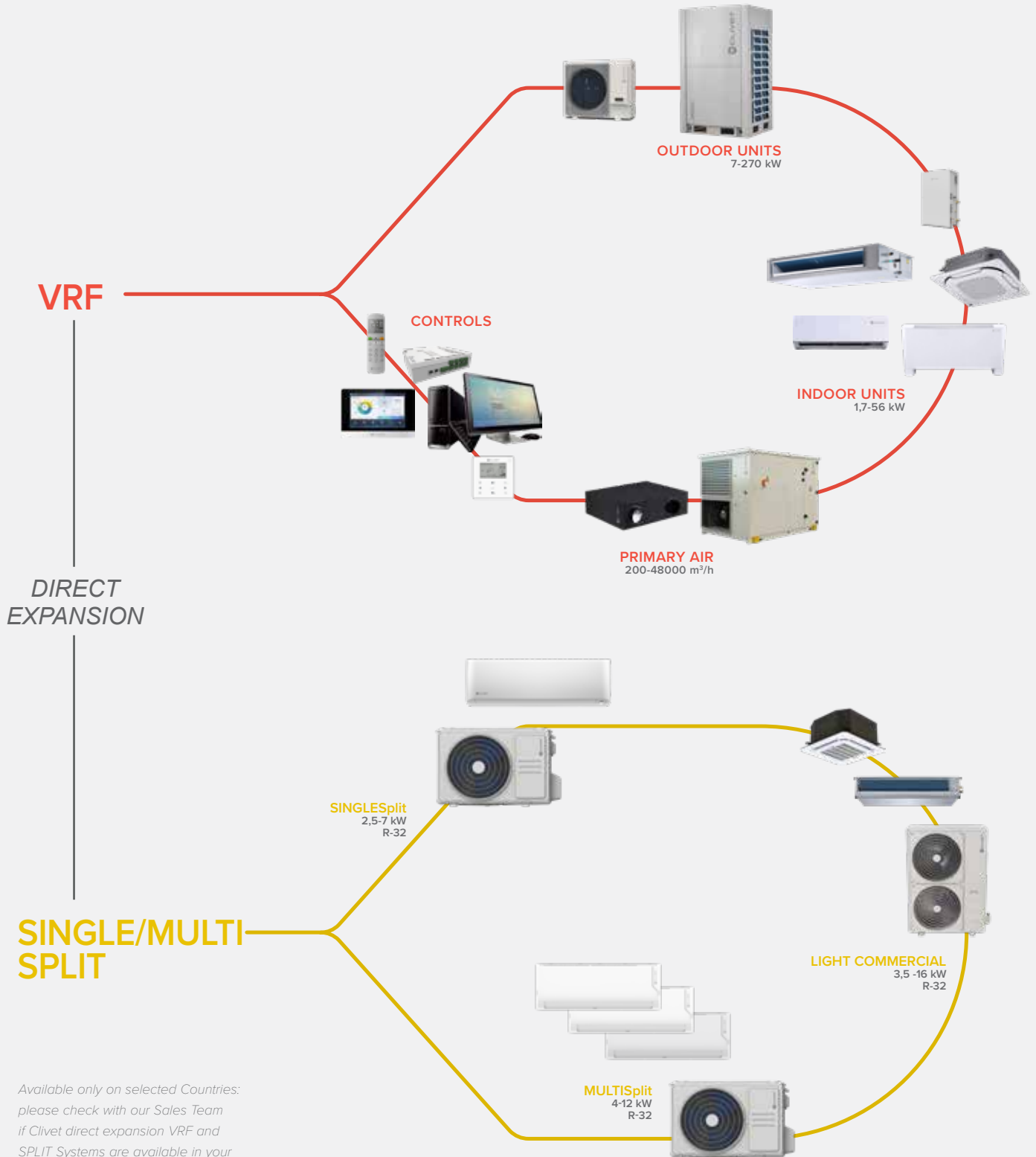


Clivet is involved in the BEYOND GREEN project to promote sustainability and the circular economy together with the other members of SAFE, the consortium system for the circular economy which works to raise public awareness regarding environmental issues, management and valorisation waste, education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

# ALL TECHNOLOGIES FOR A COMPLETE PROPOSAL



Heating, cooling,  
air renewal and  
domestic hot water production



Available only on selected Countries:  
please check with our Sales Team  
if Clivet direct expansion VRF and  
SPLIT Systems are available in your  
Country.





**SINGLE/MULTI SPLIT  
& LIGHT COMMERCIAL**

# SINGLESplit



CLIVET

Name	Type	Serie	Class	Size	27M	35M	53M	70M
				Btu/h kW	9.000 2,60	12.000 3,50	18.000 5,30	24.000 7,00
STELVIO	Wall	IH2-Y MH2-Y	▶A+++ ▶A+++		●	●		
<sup>NEW</sup> CRISTALLO 2	Wall	IMA1-Y MMA1-Y	▶A+++ ▶A++		●	●	●	●
CRISTALLO to exhaustion	Wall	IM2-XY MM2-Y	▶A++ ▶A+		●	●	●	●
EZCool	Wall	ILA1-Y MLA1-Y	▶A++ ▶A+		●	●	●	●
NATIV	Wall	IZ2-XY MZ2-Y	▶A++ ▶A+		●	●	●	●

All units are supplied with standard remote control

# MULTISplit




INDOOR UNITS

Name	Type	Serie	Size	27M	35M	53M	70M
			Btu/h kW	9.000 2,60	12.000 3,50	18.000 5,30	24.000 7,00
<sup>NEW</sup> CRISTALLO 2	Wall	IMA1-Y		●	●	●	●
CRISTALLO to exhaustion	Wall	IM2-XY		●	●	●	●
EZCool	Wall	ILA1-Y		●	●	●	●
NATIV	Wall	IZ2-XY		●	●	●	●
BOX 2 650x650	Cassette 650x650	IB3-XY		●	●	●	
DUCT 2	Ductable	ID3-XY		●	●	●	●
CONSOLE 3	Console	IC3-Y		●	●	●	
CEILING & FLOOR 2	Ceiling/Floor	IF3-XY				●	

All units are supplied with standard remote control








Name	Type	Serie	Class	Connectable Indoor Units	Size	41M	53M	61M	79M	82M	105M	125M
					Btu/h kW	14.000 4,10	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 	Outdoor unit	MU2-Y	▶ A++ ▶ A+	Dual (1÷2)		●	●					
			▶ A++ ▶ A+	Triple (1÷3)				●	●			
			▶ A++ ▶ A	Quadri (1÷4)						●	●	
			▶ A++ ▶ A	Penta (1÷5)								●

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

## LIGHT COMMERCIAL

DC Inverter

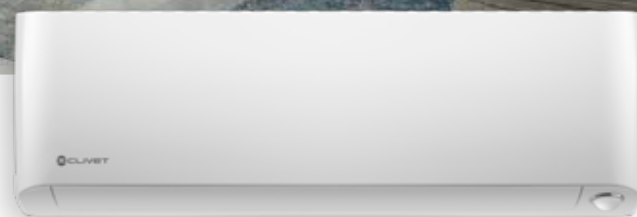
Name	Type	Serie	Class	Size	35M	53M	70M	88M	105M 105T	120M	140T	160T
				Btu/h kW	12.000 3,50	18.000 5,30	24.000 7,00	30.000 8,80	36.000 10,5	42.000 12,0	48.000 14,0	55.000 16,0
BOX 2 650x650 	Cassette	IB3-XY MC3-Y	▶ A++ ▶ A+		SINGLE	SINGLE						
BOX 2 950x950 	Cassette	IA3-XY MC3-Y	▶ A++ ▶ A+				SINGLE TWIN	SINGLE TWIN	SINGLE	SINGLE	SINGLE	SINGLE
DUCT 2 	Ductable	ID3-XY MC3-Y	▶ A++ ▶ A+		SINGLE TWIN	SINGLE TWIN	SINGLE TWIN	SINGLE TWIN	SINGLE	SINGLE	SINGLE	SINGLE
CONSOLE 3 	Console	IC3-Y MC3-Y	▶ A++ ▶ A+		SINGLE	SINGLE						
CEILING & FLOOR 2 	Ceiling/ Floor	IF3-XY MC3-Y	▶ A++ ▶ A+			SINGLE TWIN	SINGLE TWIN		SINGLE		SINGLE	SINGLE

# STELVIO 27M ÷ 35M

SINGLESplit



▶A+++  
▶A+++



## SINGLESplit with hiwall indoor unit

### WHY CHOOSE STELVIO?

- ✓ 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  $-30^{\circ}\text{C} \div +30^{\circ}\text{C}$ ; Cooling  $-15^{\circ}\text{C} \div +50^{\circ}\text{C}$
- ✓ Humidity management: the unit dehumidifies according to the customer's humidity setting
- ✓ Comfort in any situation thanks to the "Intelligent Eye" sensor

## 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



50°C

-30°C

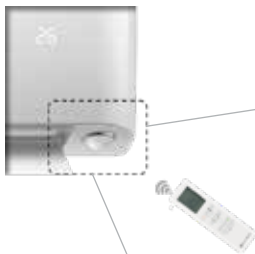


## HUMIDITY MANAGEMENT



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  $\pm 5\%$ , 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



Airflow **follows** people

or



Airflow **avoids** people



No movement for 30 minutes:  
**dampens** operation



No movement for 2 hours:  
**stand-by**

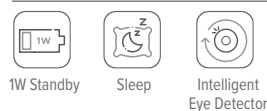


New movement:  
**restarts** at the last settings

## COMFORT



## ENERGY SAVING



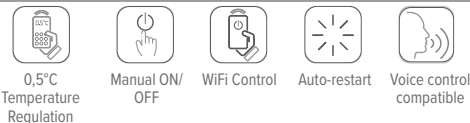
## RELIABILITY



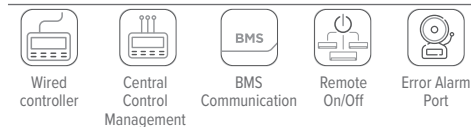
## HEALTH



## CONVENIENCE



## OPTIONAL



Wi-Fi  
NWMX  
(standard)



WIRED REMOTE CONTROL  
KJR-120X1-TFBG-E  
(optional)  
(necessary kit MBLCX)



REMOTE CONTROL  
RG10P1-G2HS-BGEF  
(standard)



IH2-Y



MH2-Y

## technical data

Set				27M	35M
Cooling capacity	Standard (Min.=Max.)		Btu/h	9.000 (3.400÷14.200)	12.000 (3.500÷16.400)
	Standard (Min.=Max.)		kW	2,60 (1,00÷4,20)	3,50 (1,00÷4,80)
Heating capacity	Standard (Min.=Max.)		Btu/h	14.000 (2.600÷23.900)	14.500 (2.600÷24.600)
	Standard (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)
	Eating (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)
	Eating (Min.=Max.)		A	3,60 (0,45÷8,50)	4,01 (0,45÷11,4)
Seasonal efficiency <sup>1</sup>	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
		Energy class	-	A+++	A+++
	Heating	Design load (Pdesign)	kW	2,20	2,20
		SCOP	-	5,30	5,30
		Annual energy consumption	kWh/a	620	620
		Energy class	-	A+++	A+++
		SCOP	-	6,00	6,00
Standard efficiency <sup>2</sup>	EER	-	5,38	4,68	
	COP	-	4,92	4,55	

Indoor unit		IH2-Y		27M	35M
Article code				87012278	87022241
Dimensions	Unit	L x D x H	mm	895x248x298	895x248x298
	Packaging	L x D x H	mm	985x370x350	985x370x350
System weight	Unit/Packaging		kg	12,7/17,5	12,7/17,5
Air filter	Type				CCF
Airflow		Hi/Mid/Lo	m <sup>3</sup> /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
	Settable temperature		°C	16÷30	
Power supply	Voltage/Frequency/Phases		V/Hz/n°	230 / 50 / 1	

Outdoor unit		MH2-Y		27M	35M
Article code				87012280	87022243
Dimensions	Unit	L x D x H	mm	805x330x554	805x330x554
	Packaging	L x D x H	mm	915x370x615	915x370x615
System 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
		Outdoor T.	°CBS		-15÷50
	Heating	Indoor T.	°C		0÷30
		Outdoor T.	°CBU		-30÷30
Refrigerant	Type/GWP		-	R-32 / 675	
Power supply	Voltage/Frequency/Phases		V/Hz/n°	230 / 50 / 1	

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

<sup>2</sup> 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

## 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

## accessoires

### Standard

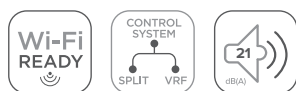
<b>RG10P1-G2HS-BGEF</b>	Infrared remote control for STELVIO indoor units
<b>NWMX</b>	Wi-fi kit for indoor units

### Optionals

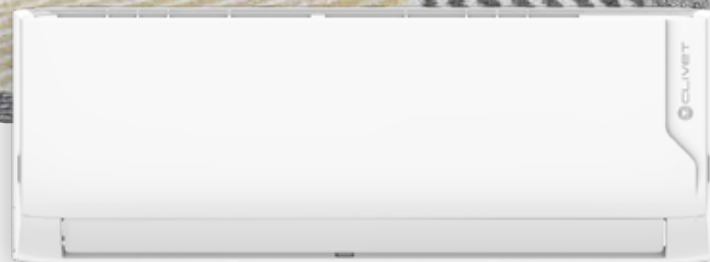
<b>MBLCX</b>	Multifunction board that makes the indoor unit available for Remote ON / OFF, Alarm port and XYE Port (required for connection of Wired controller, Centralized wired controller, Data Converter, BMS Gateway) <i>The ON-OFF/Alarm/XYE/Wi-Fi port functions can be used simultaneously</i>
<b>Control systems</b>	(learn more at Control System page)

# CRISTALLO 2 27M ÷ 70M

SINGLESplit  
NEW PRODUCT



▶ A+++  
▶ A++



## SINGLESplit with hiwall indoor unit

### WHY CHOOSE OUTDOOR CRISTALLO 2?

- ✓ ALTO Design panel with strong and elegant lines, matt finished
- ✓ 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
- ✓ SINGLESplit/MULTISplit compatible

## MULTI-DIRECTIONAL 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 louvers both horizontally and vertically.



THE standard control can be used to easily set the desired louvers position.



SINGLE Split

## BREEZE AWAY

This function prevents the air flow from being directed directly at people, creating discomfort.

The fan moves at minimum speed.



## 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 H<sub>2</sub>O 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



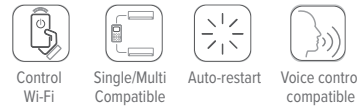
COMFORT



RELIABILITY



CONVENIENCE



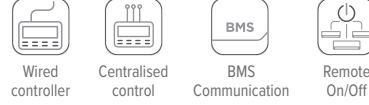
ENERGY SAVING



HEALTH



OPTIONAL



technical data

Set			27M	35M	53M	70M	
Cooling capacity	Standard (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)	
	Standard (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	Standard (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)	
	Standard (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)	
	Eating (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)	
	Eating (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 <sup>1</sup>	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
	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
	Warmer season	Energy class	-	A+++	A+++	A+++	A+++
		SCOP	-	6,00	6,00	5,10	5,10
Standard efficiency <sup>2</sup>	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
Article 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
System weight	Unit/Packaging		kg	8,7/11,5	8,7/11,5	11,2/14,6	13,6/17,3
Air filter	Type					PUF	
Airflow		Hi/Mid/Lo	m <sup>3</sup> /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	
	Settable temperature		°C			16÷30	
Power supply	Voltage/Frequency/Phases		V/Hz/n°			230 / 50 / 1	

Outdoor unit			MMA1-Y	27M	35M	53M	70M
Article 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
System 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	
		Outdoor T.	°C			-15÷50	
	Heating	Indoor T.	°C			0÷30	
		Outdoor T.	°C		-20÷24		-15÷24
Refrigerant	Type/GWP				R-32 / 675		
Power supply	Voltage/Frequency/Phases		V/Hz/n°			230 / 50 / 1	

<sup>1</sup> SEER and SCOP data, relative energy ratings and annual energy consumption in conformity to the EN 14825 standard measurement.  
<sup>2</sup> EER/COP values declared only for tax deductions in force at the time this document was written.  
 PUF = Purificator  
 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



## refrigerant piping and connections

Set			27M	35M	53M	70M
Lunghezza equivalente max		m	25	25	30	50
Dislivello max ODU / IDU		m	±10	±10	±20	±25
Precarica refrigerante		kg / m	0,62 / 5	0,62 / 5	1,10 / 5	1,45 / 5
Diametri esterni	Liquido	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

## accessoires

### Standard

<b>RG10A-D2S-BGEF</b>	Infrared remote control for indoor units CRISTALLO 2 / EZCool / BOX 2 / CONSOLE 3 / DUCT 2 / C&F 2
<b>NWMX</b>	Wi-fi kit for indoor units

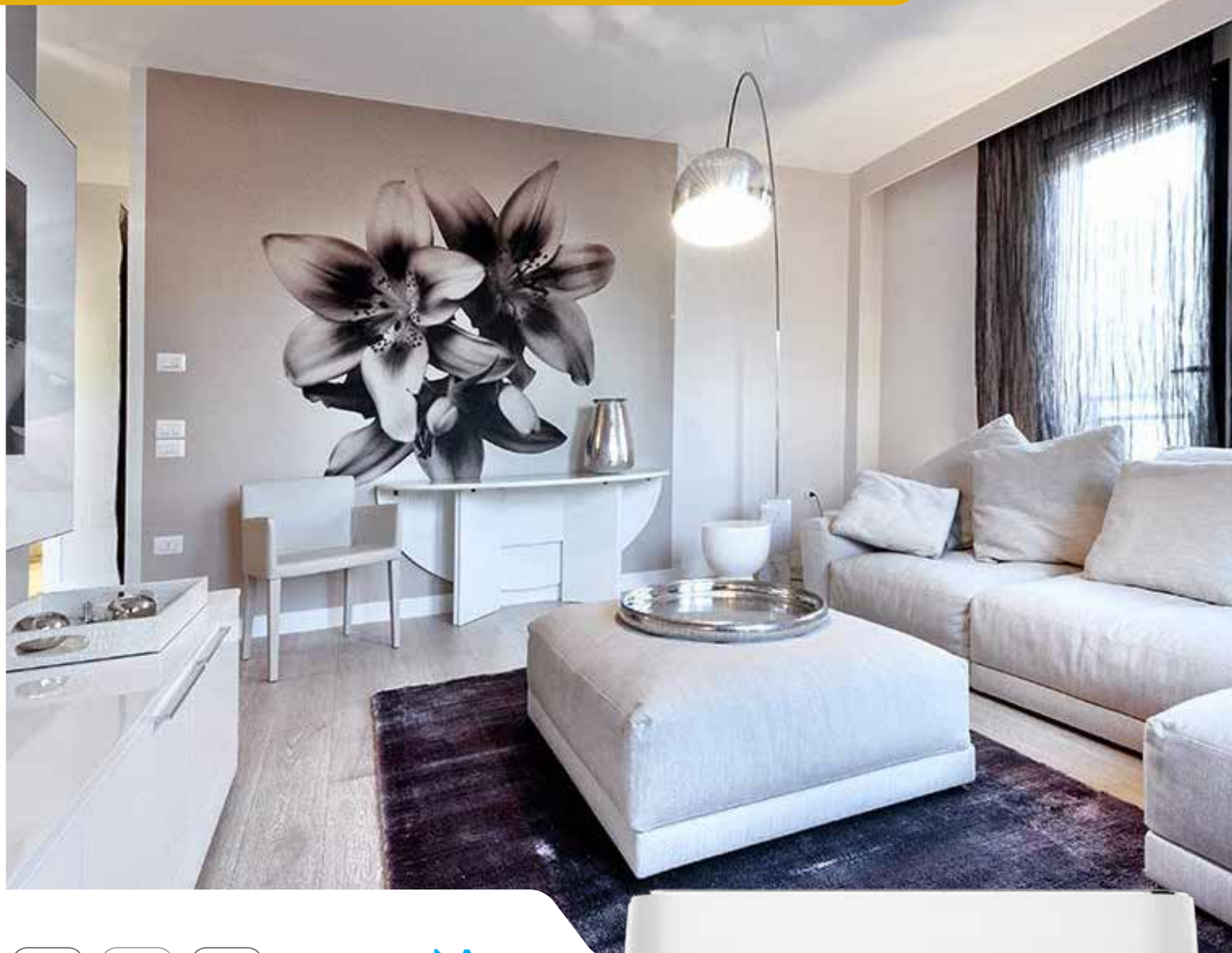
### Optionals

<b>MKSS2X</b>	<b>PREVIEW</b> / 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) <i>The ON-OFF/Alarm/XYE/Wi-Fi port functions can be used simultaneously</i>
<b>Control systems</b>	(learn more at Control System page)

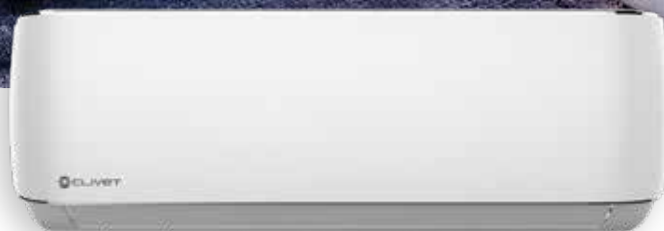
# CRISTALLO 27M ÷ 70M

TO EXHAUSTION

SINGLESplit



▶ A++  
▶ A+



## SINGLESplit with hiwall indoor unit

### WHY CHOOSE CRISTALLO?

- ✓ Smart management as standard: via smartphone with the NetHome Plus App and voice control setup with Amazon Alexa and Google Assistant
- ✓ Clean, rounded and elegant design
- ✓ SINGLESplit/MULTISplit compatible

## MULTI-DIRECTIONAL AIRFLOW

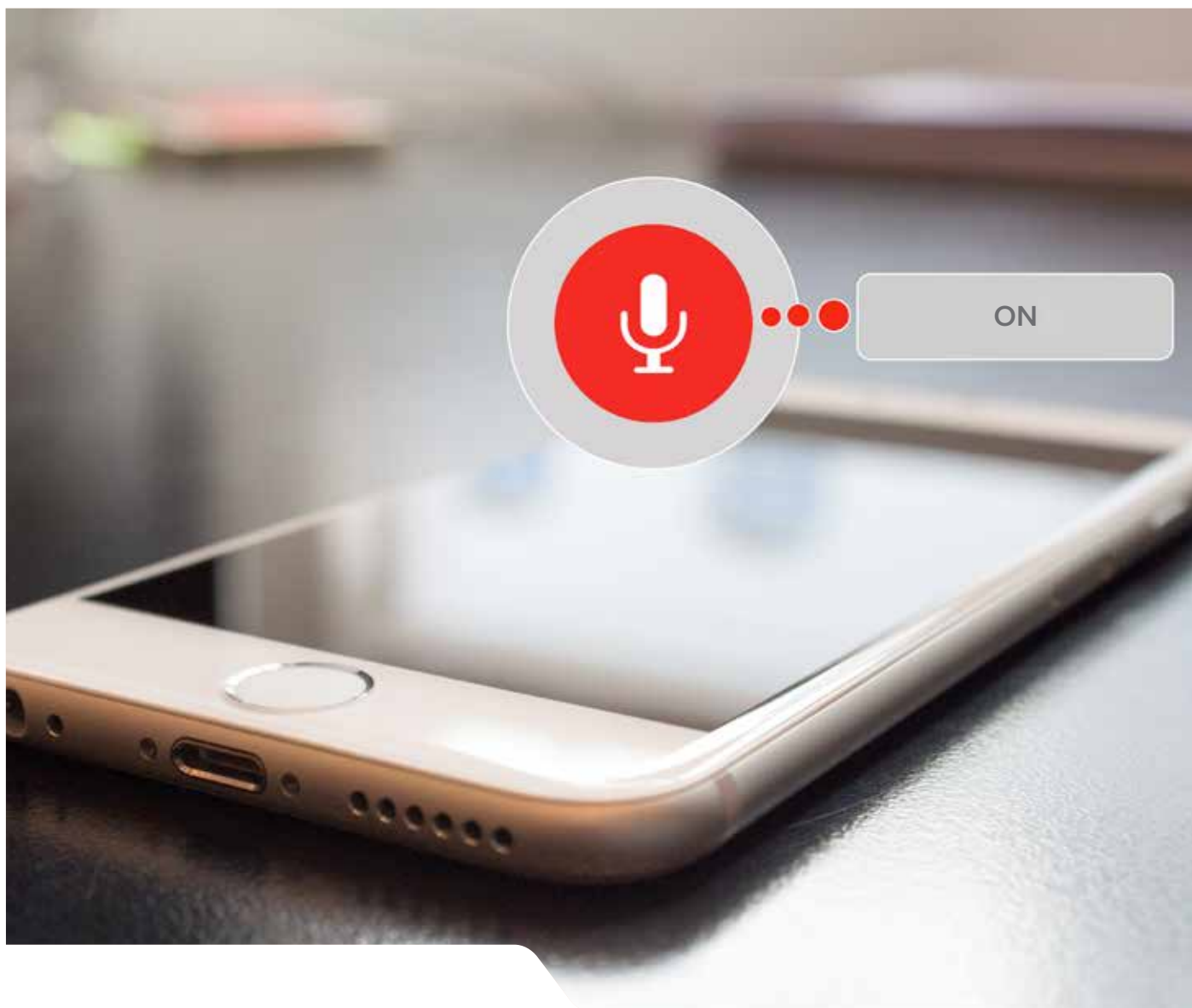
The air conditioning unit can distribute the flow of air in multiple directions: to better direct the flow within the room, it electronically adjusts the direction of the louvers both horizontally and vertically.



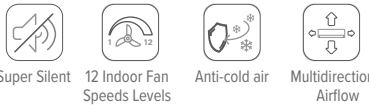
The standard control can be used to easily set the desired louvers position.



SINGLE Split



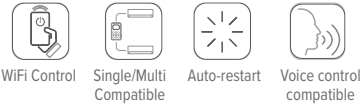
COMFORT



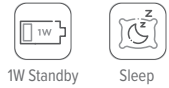
RELIABILITY



CONVENIENCE



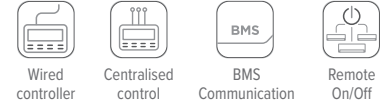
ENERGY SAVING



HEALTH



OPTIONAL



technical data

Set			27M	35M	53M	70M	
Cooling capacity	Standard (Min.=Max.)	Btu/h	9.000 (3.500÷11.000)	12.000 (4.700÷14.700)	18.000 (11.600÷20.000)	24.000 (7.200÷28.000)	
	Standard (Min.=Max.)	kW	2,64 (1,03÷3,22)	3,52 (1,38÷4,31)	5,27 (3,39÷5,90)	7,03 (2,11÷8,44)	
Heating capacity	Standard (Min.=Max.)	Btu/h	10.000 (2.800÷11.500)	13.000 (3.700÷15.000)	19.000 (10.600÷20.000)	25.000 (5.300÷28.000)	
	Standard (Min.=Max.)	kW	2,93 (0,82÷3,37)	3,81 (1,08÷4,40)	5,57 (3,10÷5,85)	7,33 (1,56÷8,20)	
Standard power supply	Cooling (Min.=Max.)	W	740 (80÷1100)	1.140 (120÷1.650)	1.550 (560÷2.050)	2.510 (420÷3.200)	
	Eating (Min.=Max.)	W	780 (70÷990)	1.080 (110÷1480)	1.500 (780÷2.000)	2.130 (300÷3.100)	
Rated current input	Cooling (Min.=Max.)	A	4,95 (0,35÷4,78)	5,10 (0,50÷7,20)	6,7 (2,40÷9,00)	10,9 (1,80÷13,9)	
	Eating (Min.=Max.)	A	3,50 (0,32÷4,32)	4,80 (0,50÷6,40)	6,5 (3,40÷8,70)	9,46 (1,40÷14,4)	
Seasonal efficiency <sup>1</sup>	Cooling	Energy class	-	A++	A++	A++	
		Design load (Pdesign)	kW	2,70	3,50	5,30	7,00
		SEER	-	6,90	7,00	7,00	6,50
	Average season	Annual energy consumption	kWh/a	137	180	265	377
		Energy class	-	A+	A+	A+	A+
		Design load (Pdesign)	kW	2,70	2,90	4,10	4,90
Warmer season	SCOP	-	4,00	4,10	4,00	4,00	
	Annual energy consumption	kWh/a	945	990	1.435	1.730	
	Energy class	-	A+++	A+++	A+++	A+++	
Standard efficiency <sup>2</sup>	EER	-	5,30	5,40	5,10	5,10	
	COP	-	3,56	3,27	3,23	3,25	
	COP	-	3,76	3,71	3,71	3,80	

Indoor unit

			IM2-XY	27M	35M	53M	70M
Article code	Unit			89102292	88052293	87032222	88072296
Dimensions	Unit	L x D x H	mm	722x187x290	802x189x297	965x215x319	1080x226x335
	Packaging	L x D x H	mm	790x270x375	875x285x380	1045x305x410	1155x320x415
System weight	Unit/Packaging		kg	7,30/9,70	8,60/11,1	10,9/14,2	13,7/17,3
Air filter	Type					CCF	
Airflow		Hi/Mid/Lo	m <sup>3</sup> /h	416/309/230	584/477/395	730/500/420	1020/830/640
Dehumidification capacity			l/h	1,00	1,20	1,80	2,70
Sound power		Hi	dB(A)	56	55	57	63
Sound pressure level		Hi/Mid/Lo	dB(A)	39/32/26	39/32/26	43/34/28	47/42/31
Control systems	Infrared remote control					RG10A4-D-BGEF	
	Settable temperature		°C			17÷30	
Power supply	Voltage/Frequency/Phases		V/Hz/n°			230 / 50 / 1	

Outdoor unit

			MM2-Y	27M	35M	53M	70M
Article code	Unit			89122244	89122224	87032220	88072297
Dimensions	Unit	L x D x H	mm	720x270x495	720x270x495	805x330x554	890x342x673
	Packaging	L x D x H	mm	835x300x540	835x300x540	915x370x615	995x398x740
System weight	Unit/Packaging		kg	23,2/25,0	23,2/25,0	33,5/36,1	43,9/46,9
Sound power		Nominal	dB(A)	63	63	65	67
Sound pressure level		Nominal	dB(A)	56	56	56	61
Operating range	Cooling	Indoor T.	°C			17÷32	
		Outdoor T.	°CBS			-15÷50	
	Heating	Indoor T.	°C			0÷30	
		Outdoor T.	°C				
Refrigerant	Type/GWP					R-32 / 675	
Power supply	Voltage/Frequency/Phases		V/Hz/n°			230 / 50 / 1	

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

<sup>2</sup> 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

## 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

## accessoires

### Standard

**RG10A4-D-BGEF** Infrared remote control for CRISTALLO indoor units

**NWMX** Wi-fi kit for indoor units

### Optionals

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

**Control systems** (learn more at Control System page)



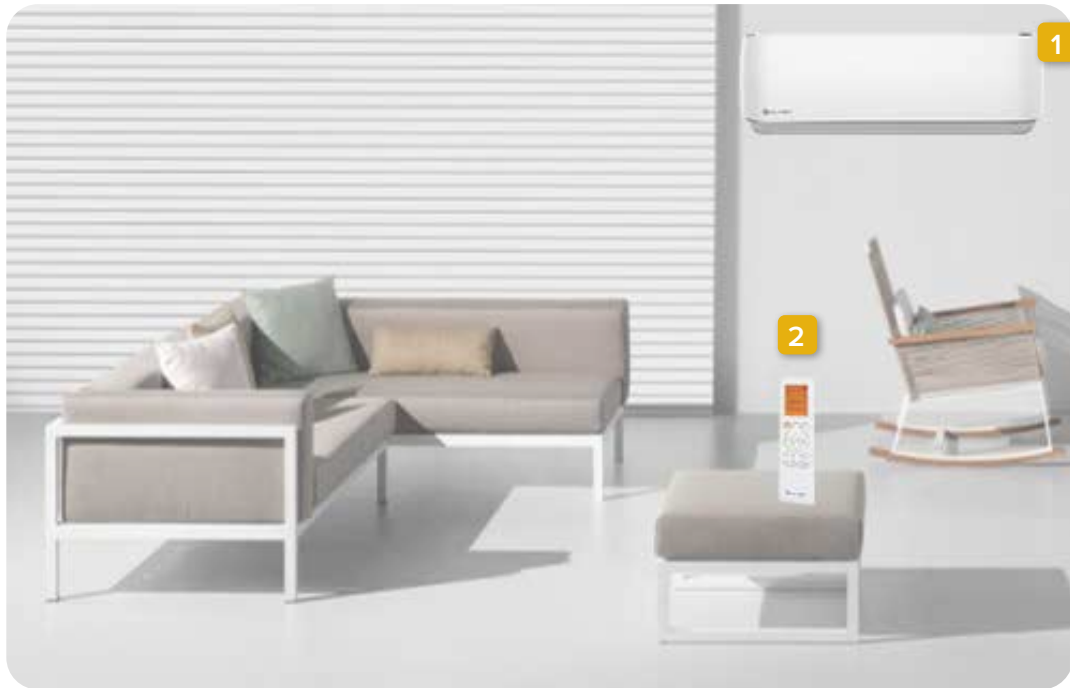
## SINGLESplit with hiwall indoor unit

### WHY CHOOSE EZCool?

- ✓ Silent operation with low power consumption
- ✓ Optional: smart management via smartphone with the NetHome Plus App and voice control setup with Amazon Alexa and Google Assistant
- ✓ SINGLESplit/MULTISplit compatible

## FOLLOW-ME FUNCTION

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



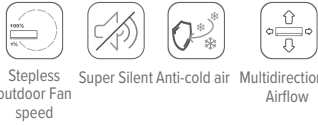
1. Standard temperature sensor
2. Temperature sensor can be activated

## CONTROL BY SMARTPHONE

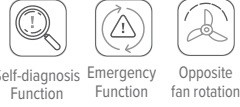
Thanks to an optional accessory, it is possible to set the temperature, ON/OFF and timer of the unit from the smartphone.



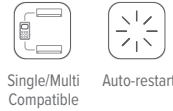
COMFORT



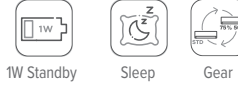
RELIABILITY



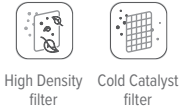
CONVENIENCE



ENERGY SAVING



HEALTH



SINGLEsplit



technical data

Set			27M	35M	53M	70M	
Cooling capacity	Standard (Min.=Max.)	Btu/h	9.000 (3.100÷11.600)	12.000 (3.800÷14.200)	18.000 (11.570÷20.130)	20.070 (7.200÷28.000)	
	Standard (Min.=Max.)	kW	2,60 (0,90÷3,40)	3,50 (1,10÷4,20)	5,27 (3,40÷5,90)	5,88 (2,11÷8,20)	
Heating capacity	Standard (Min.=Max.)	Btu/h	10.000 (2.800÷11.500)	13.000 (3.700÷14.400)	18.400 (10.580÷19.960)	22.730 (5.300÷28.000)	
	Standard (Min.=Max.)	kW	2,90 (0,80÷3,40)	3,80 (1,10÷4,20)	5,39 (3,10÷5,85)	6,66 (1,55÷8,20)	
Standard power supply	Cooling (Min.=Max.)	W	799 (100÷1.240)	1.088 (130÷1.580)	1.550 (560÷2.050)	1.765 (420÷3.200)	
	Eating (Min.=Max.)	W	789 (120÷1200)	1.020 (100÷1680)	1.440 (780÷2.000)	2.130 (300÷3.100)	
Rated current input	Cooling (Min.=Max.)	A	3,47 (0,40÷5,40)	4,73 (0,50÷6,90)	6,70 (2,40÷9,00)	7,67 (1,80÷13,9)	
	Eating (Min.=Max.)	A	3,43 (0,50÷5,20)	4,42 (0,40÷6,90)	6,23 (3,40÷8,70)	7,70 (1,30÷13,5)	
Seasonal efficiency <sup>1</sup>	Cooling	Energy class	-	A++	A++	A++	A++
		Design load (Pdesign)	kW	2,60	3,50	5,30	7,00
		SEER	-	6,20	6,10	7,00	6,40
		Annual energy consumption	kWh/a	147	201	265	383
	Heating	Energy class	-	A+	A+	A+	A+
		Design load (Pdesign)	kW	2,30	2,60	4,20	4,90
		SCOP	-	4,00	4,00	4,00	4,00
		Annual energy consumption	kWh/a	804	906	1.470	1.715
Average season	Heating	Energy class	-	A+++	A+++	A+++	A+++
	Warmer season	SCOP	-	5,10	5,10	5,10	5,10
Standard efficiency <sup>2</sup>	EER	-	3,30	3,23	3,40	3,33	
	COP	-	3,71	3,74	3,76	3,76	

Indoor unit			ILA1-Y	27M	35M	53M	70M
Article code				89472265	89472270	89472264	89472267
Dimensions	Unit	L x D x H	mm	726x210x291	835x208x295	969x241x320	1083x244x336
	Packaging	L x D x H	mm	790x270x375	905x290x355	1045x315x405	1155x315x415
System weight	Unit/Packaging		kg	7,80/10,1	8,40/11,0	11,2/14,6	13,6/17,3
Air filter	Type					CCF	
Airflow		Hi/Mid/Lo	m <sup>3</sup> /h	451/325/255	575/493/454	800/600/500	1090/770/610
Dehumidification capacity			l/h	1,00	1,20	1,80	2,70
Sound power		Hi	dB(A)	52	54	56	62
Sound pressure level		Hi/Mid/Lo	dB(A)	37/29/26	38/29/25	41/37/31	46/37/35
Control systems	Infrared remote control		-			RG10A4-D2S-BGEF	
	Settable temperature		°C			16÷30	
Power supply	Voltage/Frequency/Phases		V/Hz/n°			230 / 50 / 1	

Outdoor unit			MLA1-Y	27M	35M	53M	70M	
Article 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	
System weight	Unit/Packaging		kg	23,2/25,0	23,2/25,0	33,5/36,1	43,9/46,9	
Sound power		Nominal	dB(A)	60	64	65	67	
Sound pressure level		Nominal	dB(A)	56	56	57	60	
	Operating range	Cooling	Indoor T.	°C			16÷32	
			Outdoor T.	°CBS			-15÷50	
		Heating	Indoor T.	°C			0÷30	
Outdoor T.	°CBU				-15÷24			
Refrigerant	Type/GWP		-			R-32 / 675		
Power supply	Voltage/Frequency/Phases		V/Hz/n°			230 / 50 / 1		

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

<sup>2</sup> EER/COP values declared only for tax deductions in force at the time this document was written  
CCF = Cold Catalyst



## 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

## accessoires

### Standard

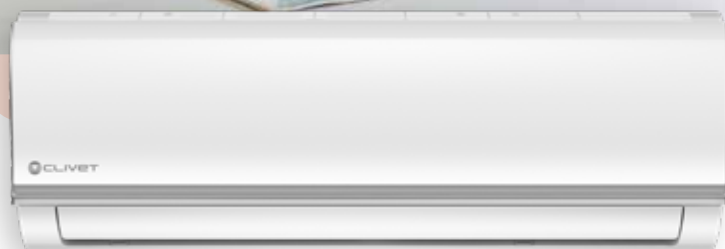
**RG10A-D2S-BGEF** Infrared remote control for indoor units CRISTALLO 2 / EZCool / BOX 2 / CONSOLE 3 / DUCT 2 / C&F 2

### Optionals

**NWMX** Wi-Fi kit for indoor units



▶ A++  
▶ A+



## SINGLE Split / MULTI Split with Hiwall indoor unit

### WHY CHOOSE NATIV?

- ✓ Full range: SINGLE Split 9.000 ÷ 24.000 Btu/h, MULTI Split 9.000 ÷ 24.000 Btu/h
- ✓ SINGLE Split/MULTI Split Compatible
- ✓ Optional: Wi-Fi for the remote management with NetHome Plus application for Android and iOS

## MULTI-DIRECTIONAL 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 louvers both horizontally and vertically.



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



SINGLE Split

## FOLLOW-ME FUNCTION

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



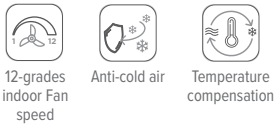
1. Standard temperature sensor
2. Temperature sensor can be activated

## CONTROL BY SMARTPHONE

Thanks to an optional accessory, it is possible to set the temperature, on/off and timer of the unit from the smartphone.



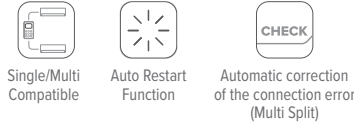
COMFORT



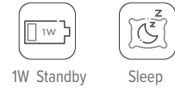
RELIABILITY



CONVENIENCE



ENERGY SAVING



HEALTH



OPTIONAL



technical data

Set			27M	35M	53M	70M	
Cooling capacity	Standard (Min.~Max.)	Btu/h	9,000 (3,100÷11,600)	12,000 (3,800÷14,200)	18,000 (4,200÷19,900)	24,000 (7,100÷27,000)	
	Standard (Min.~Max.)	kW	2,64 (0,91÷3,40)	3,52 (1,11÷4,20)	5,27 (1,22÷5,83)	7,03 (2,08÷7,91)	
Heating capacity	Standard (Min.~Max.)	Btu/h	10,000 (2,800÷11,500)	13,000 (3,700÷14,400)	19,000 (4,600÷20,000)	25,000 (5,500÷27,000)	
	Standard (Min.~Max.)	kW	2,93 (0,82÷3,70)	3,81 (1,09÷4,22)	5,57 (1,35÷5,85)	7,33 (1,61÷7,91)	
Standard power input	Cooling (Min.~Max.)	W	732 (100÷1,240)	1,213 (130÷1,580)	1,550 (560÷2,050)	2,600 (420÷3,150)	
	Heating (Min.~Max.)	W	733 (120÷1,200)	1,088 (100÷1,680)	1,570 (780÷2,000)	2,400 (300÷2,750)	
Rated current input	Cooling (Min.~Max.)	A	3,18 (0,40÷5,40)	5,27 (0,50÷6,90)	6,70 (2,40÷8,90)	11,5 (1,80÷13,8)	
	Heating (Min.~Max.)	A	3,18 (0,50÷5,20)	4,73 (0,40÷6,90)	6,80 (3,40÷8,70)	11,0 (1,30÷12,2)	
Seasonal efficiency <sup>1</sup>	Cooling	Energy efficiency class	-	A++	A++	A++	A++
		Design load (Pdesign)	kW	2,80	3,60	5,20	7,00
		SEER	-	6,30	6,10	7,40	6,10
		Annual energy consumption	kWh/a	156	211	247	405
	Average season	Energy efficiency class	-	A+	A+	A+	A+
		Design load (Pdesign)	kW	2,60	2,70	4,10	4,80
		SCOP	-	4,00	4,00	4,00	4,00
		Annual energy consumption	kWh/a	910	945	1,435	1,680
	Warmer season	Energy efficiency class	-	A+++	A+++	A+++	A+++
		SCOP	-	5,10	5,10	5,10	4,80
Standard efficiency <sup>2</sup>	EER	-	3,60	3,28	3,54	3,28	
	COP	-	3,92	3,71	3,83	3,73	

Indoor unit			IZ2-Y	27M	35M	53M	70M
Item Code			89472260	89472262	89472261	89472263	89472263
Dimensions	Unit	L x P x A	mm	805x194x285	805x194x285	957x213x302	1040x220x327
	Packaging	L x P x A	mm	870x270x365	870x270x365	1035x295x385	1120x315x405
Weight	Unit/Packaging		kg	7,60/9,70	7,60/9,80	10,0/13,0	12,3/15,8
Air filter	Type				CCF		
Airflow		Hi/Mid/Lo	m <sup>3</sup> /h	466/360/325	540/430/314	840/680/540	980/817/662
Dehumidification capacity			l/h	1,00	1,20	1,80	2,70
Sound power level		Hi	dB(A)	54	55	56	59
Sound pressure level		Hi/Mid/Lo	dB(A)	39/32/25	41/35/25	43/36/26	45/41/36
Control systems	Infrared remote control				RG10A4-D-BGEF		
	Settable temperature		°C		17÷30		
Power supply	Voltage/Frequency/Phases		V/Hz/n°		230 / 50 / 1		

Outdoor unit			MZ2-Y	27M	35M	53M	70M
Item Code			89092202	88072202	88062295	88072200	88072200
Dimensions	Unit	L x P x A	mm	720x270x495	720x270x495	805x330x554	890x342x673
	Packaging	L x P x A	mm	835x300x540	835x300x540	915x370x615	995x398x740
Weight	Unit/Packaging		kg	23,2/25,0	23,2/25,0	32,7/35,4	42,9/45,9
Sound power level		Nominal	dB(A)	62	63	63	67
Sound pressure level		Nominal	dB(A)	56	56	56	59
Operating range	Cooling	Indoor T.	°C			17÷32	
		Outdoor T.	°CBS			-15÷50	
	Heating	Indoor T.	°C			0÷30	
Outdoor T.		°CBU			-15÷30		
Refrigerant	Type/GWP				R-32 / 675		
Power supply	Voltage/Frequency/Phases		V/Hz/n°		230 / 50 / 1		

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

## 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	1,08 / 5	1,42 / 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

SINGLE Split

## accessories

### Standard

**RG10A-D2S-BGEF** Standard Wireless remote control fo indoor units CRISTALLO 2 / CRISTALLO / ESSENTIAL 2 / NATIV

### Optionals

Control systems [\(learn more at Control System page\)](#)

# MULTISplit

MULTISplit

## MULTISplit

Space-saving solution, suitable for the conditioning of many environments.



## OUTDOOR/INDOOR UNIT COMBINATION

OUTDOOR UNIT	ENERGY CLASS <sup>1</sup>	WALL MOUNTED INTERNAL UNIT																
		CRISTALLO 2 IMA1-XY				CRISTALLO IM2-XY				EZCool ILA1-Y				NATIV IZ2-XY				
		27M	35M	53M	70M	20M	27M	35M	53M	70M	27M	35M	53M	70M	27M	35M	53M	70M
MU2-Y 41M	A++/A+	•	•	•	-	•	•	•	•	-	•	•	•	-	•	•	•	-
MU2-Y 53M	A++/A+	•	•	•	-	•	•	•	•	-	•	•	•	-	•	•	•	-
MU2-Y 61M	A++/A+	•	•	•	-	•	•	•	•	-	•	•	•	-	•	•	•	-
MU2-Y 79M	A++/A+	•	•	•	-	•	•	•	•	-	•	•	•	-	•	•	•	-
MU2-Y 82M	A++/A+	•	•	•	-	•	•	•	•	-	•	•	•	-	•	•	•	-
MU2-Y 105M	A++/A	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
MU2-Y 125M	A++/A	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

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

OUTDOOR UNIT	ENERGY CLASS <sup>1</sup>	COMPACT CASSETTE 4-WAY 650X650 INDOOR UNIT				INDOOR UNITS DUCT				INDOOR UNITS CONSOLE			CEILING/FLOOR INDOOR UNITS.
		BOX 2 650x650 IB3-XY				DUCT 2 ID3-XY				CONSOLE 3 IC3-Y			C&F 2 IF3-XY
		27M	35M	53M		27M	35M	53M	70M	27M	35M	53M	53M
MU2-Y 41M	A++/A+	•	•	•	•	•	•	-	•	•	•	•	
MU2-Y 53M	A++/A+	•	•	•	•	•	•	-	•	•	•	•	
MU2-Y 61M	A++/A+	•	•	•	•	•	•	-	•	•	•	•	
MU2-Y 79M	A++/A+	•	•	•	•	•	•	-	•	•	•	•	
MU2-Y 82M	A++/A+	•	•	•	•	•	•	-	•	•	•	•	
MU2-Y 105M	A++/A	•	•	•	•	•	•	•	•	•	•	•	
MU2-Y 125M	A++/A	•	•	•	•	•	•	•	•	•	•	•	

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



▶A++

▶A+

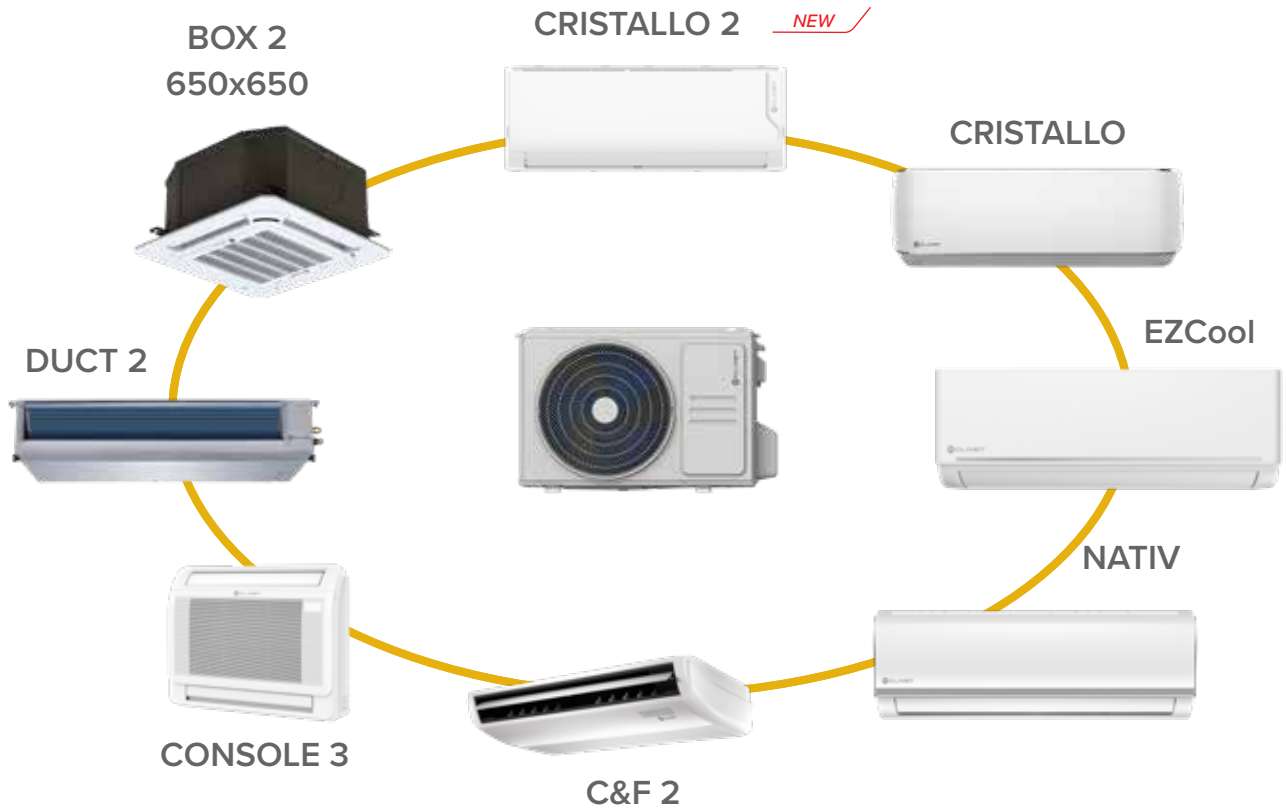
## Outdoor unit for MULTISplit systems

### WHY CHOOSE OUTDOOR UNIT-SM 2?

- ✓ 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  $-15^{\circ}\text{C} \div +24^{\circ}\text{C}$ ; Cooling  $-15^{\circ}\text{C} \div +50^{\circ}\text{C}$

## INCREASED INDOOR UNIT RANGE

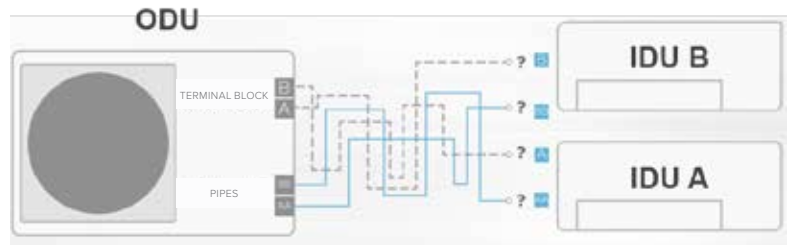
MULTISplit



## AUTOMATIC CORRECTION FUNCTION OF PIPING/ WIRING ERRORS

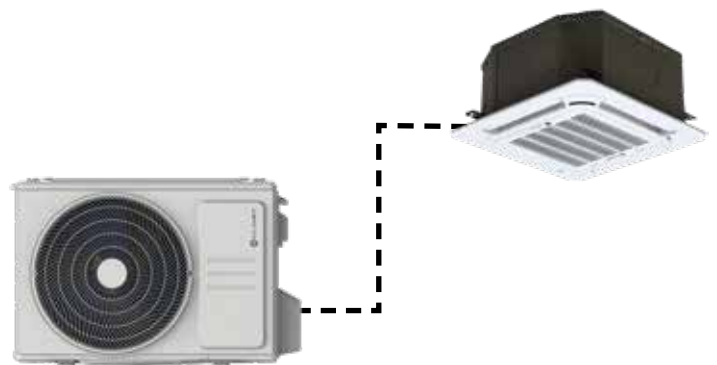
The unit reassigns the communication, correcting any wiring errors.

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.





COMFORT CONVENIENCE RELIABILITY



7 Outdoor Fan Speeds Levels



Automatic correction of the connection errors



Opposite fan rotation



MU2-Y (41M=53M)



MU2-Y (61M=79M)



MU2-Y (82M=125M)

technical data

Outdoor unit			MU2-Y	41M	53M	61M	79M	82M	105M	125M
Article code				87012281	89112242	89092251	89112265	89092231	89112261	89132206
Connectable Indoor Units	Min÷Max		-	1÷2 (DUAL)	1÷2 (DUAL)	1÷3 (TRIPLE)	1÷3 (TRIPLE)	1÷4 (QUADRI)	1÷4 (QUADRI)	1÷5 (PENTA)
Cooling capacity	Standard <sup>1</sup> (Min÷Max)		Btu/h	14.000 (5.000÷16.500)	18.000 (7.600÷19.000)	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)
	Standard <sup>1</sup> (Min÷Max)		kW	4,10 (1,47÷4,83)	5,30 (2,23÷5,57)	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	Standard <sup>2</sup> (Min÷Max)		Btu/h	15.000 (5.500÷16.500)	19.000 (8.000÷19.200)	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)
	Standard <sup>2</sup> (Min÷Max)		kW	4,40 (1,61÷4,83)	5,57 (2,34÷5,63)	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	890x342x673	890x342x673	946x410x810	946x410x810	946x410x810
	Packaging	L x D x H	mm	915x370x615	915x370x615	1030x438x750	1030x438x750	1090x500x875	1090x500x875	1090x500x875
System weight	Unit / Packaging		kg	31,6/34,7	35,0/38,0	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	68	68	69	70	70
Sound pressure level		Nominal	dB(A)	56	56	58	58	61	62	64
Operating Voltage Range	Cooling	Outdoor T.	°CBS					-15÷50		
	Heating	Outdoor T.	°CBU					-15÷24		
Refrigerant	Type/GWP						R-32 / 675			
Power supply	Voltage/Frequency/ Phases		V/Hz/n°					230 / 50 / 1		

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

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

<sup>1</sup> Test conditions: indoor air temperature 27°C B.S./ 19°C B.U. - outdoor air temperature 35°C B.S./ 24°C B.U.

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

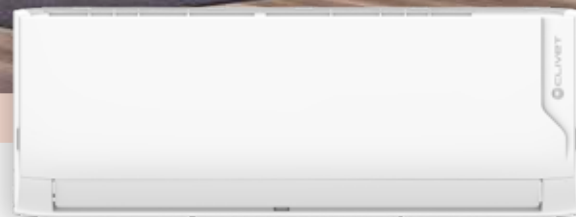
refrigerant piping and connections

Outdoor unit			41M	53M	61M	79M	82M	105M	125M
Max equivalent length (Total)		m	40	40	60	60	80	80	80
Max equivalent length (Each branch)		m	25	25	30	30	35	35	35
Max difference in level ODU / IDU		m	±15	±15	±15	±15	±15	±15	±15
Max difference in level IDU / IDU		m	±10	±10	±10	±10	±10	±10	±10
Refrigerant precharge		kg / m	1,10 / (2x7,5)	1,25 / (2x7,5)	1,5 / (3x7,5)	1,85 / (3x7,5)	2,10 / (4x7,5)	2,10 / (4x7,5)	2,90 / (5x7,5)
	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")	4 x (Φ6,35 - 1/4")	4 x (Φ6,35 - 1/4")	5 x (Φ6,35 - 1/4")
External diameters (ODU)		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")	4 x (Φ9,52 - 3/8")
	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")	+ 1 x (Φ12,7 - 1/2")	+ 1 x (Φ12,7 - 1/2")	+ 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	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
		no. of cables	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
		no. of cables	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



## Hiwall indoor unit for MULTI Split systems

### WHY CHOOSE OUTDOOR CRISTALLO 2?

- ✓ ALTO Design panel with strong and elegant lines, matt finished
- ✓ 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



## COMFORT



Stepless Indoor Fan Speed



Anti-cold air



Multidirectional Airflow

## RELIABILITY



Self-diagnosis Function



Auto Defrosting Function

## CONVENIENCE



Control Wi-Fi



Single/Multi Compatible



Voice control compatible



Auto-restart

## ENERGY SAVING



Sleep



Gear

## HEALTH



High Density filter



Cold Catalyst filter



Purification filter

## OPTIONAL



Wired controller



Centralised control



BMS Communication



Remote On/Off



Wi-Fi NWMX (standard)



WIRED REMOTE CONTROL KJR-120X2-TFBG-E (optional) (necessary kit MKSS2X)



REMOTE CONTROL RG10A-D2S-BGEF (standard)



IMA1-Y

NEW

## technical data

Indoor unit			IMA1-Y	27M	35M	53M	70M
Article 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
System weight	Unit/Packaging		kg	8,7/11,5	8,7/11,5	11,2/14,6	13,6/17,3
Air filter	Type					PUF	
Airflow			m <sup>3</sup> /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	
	Heating	Indoor T	°C			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	
	Settable temperature		°C			16÷30	
Power supply	Voltage/Frequency/Phases		V/Hz/n°			230 / 50 / 1	

Fan speed:  
i=High; 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

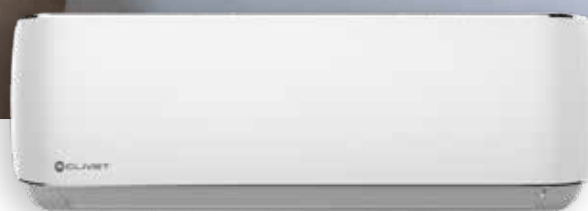
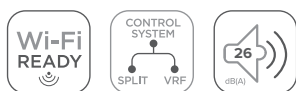
## accessoires

Standard	
<b>RG10A-D2S-BGEF</b>	Infrared remote control for indoor units CRISTALLO 2 / EZCool / BOX 2 / CONSOLE 3 / DUCT 2 / C&F 2
<b>NWMX</b>	Wi-fi kit for indoor units
Optionals	
<b>MKSS2X</b> <span style="color: red; font-weight: bold;">PREVIEW</span>	Multifunction board that makes the indoor unit available for Remote ON / OFF, Alarm port and XYE Port (required for connection of Wired controller, Centralised wired controller, Data Converter, BMS Gateway) <i>The ON-OFF/Alarm/XYE/Wi-Fi port functions can be used simultaneously</i>
<b>Control Systems</b>	(see dedicated section)

# CRISTALLO 27M ÷ 70M

TO EXHAUSTION

MULTISplit



## Hiwall indoor unit for MULTI Split systems

### WHY CHOOSE CRISTALLO?

- ✓ Smart management as standard: via smartphone with the NetHome Plus App and voice control setup with Amazon Alexa and Google Assistant
- ✓ Clean, rounded and elegant design
- ✓ SINGLESplit/MULTISplit compatible

#### MULTIDIRECTIONAL AIRFLOW

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



#### VOICE CONTROL



## COMFORT



12 Indoor Fan Speeds Levels



Anti-cold air



Multidirectional Airflow

## RELIABILITY



Self-diagnosis Function



Auto Defrosting Function

## CONVENIENCE



WiFi Control



Single/Multi Compatible



Auto-restart



Voice control compatible

## ENERGY SAVING



Sleep

## HEALTH



High Density filter



Cold Catalyst filter

## OPTIONAL



Wired controller



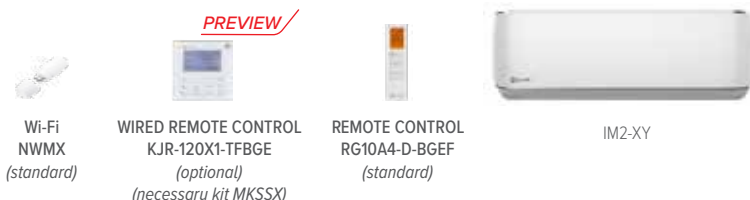
Centralised control



BMS Communication



Remote ON/OFF



Wi-Fi NWMX (standard)

WIRED REMOTE CONTROL KJR-120X1-TFBGE (optional) (necessary kit MKSSX)

REMOTE CONTROL RG10A4-D-BGEF (standard)

IM2-XY

## technical data

Indoor unit			IM2-XY	27M	35M	53M	70M
Article code				89102292	88052293	87032222	88072296
Cooling capacity	Nominal		Btu/h	9,000	12,000	18,000	24,000
			kW	2,60	3,50	5,30	7,00
Heating capacity	Nominal		Btu/h	9,500	13,000	19,000	25,000
			kW	2,80	3,80	5,60	7,30
Dimensions	Unit	L x D x H	mm	722x187x290	802x189x297	965x215x319	1080x226x335
	Packaging	L x D x H	mm	790x270x375	875x285x380	1045x305x410	1155x320x415
System weight	Unit/Packaging		kg	7,30/9,70	8,60/11,1	10,9/14,2	13,7/17,3
Air filter	Type						
Airflow			m <sup>3</sup> /h	416/309/230	584/477/395	730/500/420	1020/830/640
Sound power			dB(A)	54	56	58	63
Sound pressure level			dB(A)	39/31/23	42/35/25	43/34/28	47/42/31
Operating Voltage Range	Cooling	Indoor T	°C			17÷32	
	Heating	Indoor T	°C			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-D-BGEF	
	Settable temperature		°C			17÷30	
Power supply	Voltage/Frequency/Phases		V/Hz/n°			230 / 50 / 1	

Fan speed:  
i=High; 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

\* TO EXHAUSTION

## accessoires

### Standard

**RG10A4-D-BGEF** Infrared remote control for CRISTALLO indoor units

**NWMX** Wi-fi kit for indoor units

### Optionals

**MKSSX** Multifunction board providing remote ON/OFF and XYE port (required for connection of single unit wired control, central wired control, Data Converter, Gateway BMS)  
Only one function among ON-OFF/Alarm/XYE/Wi-Fi can be used simultaneously

**Control Systems** (see dedicated section)



## Hiwall indoor unit for MULTI Split systems

### WHY CHOOSE EZCool?

- ✓ Silent operation with low power consumption
- ✓ Optional: smart management via smartphone with the NetHome Plus App and voice control setup with Amazon Alexa and Google Assistant
- ✓ SINGLESplit/MULTISplit compatible

#### FOLLOW-ME



1. Standard temperature sensor
2. Temperature sensor can be activated

#### VOICE CONTROL



Optional

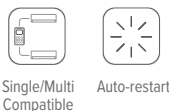
COMFORT



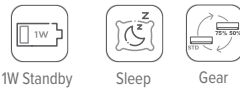
RELIABILITY



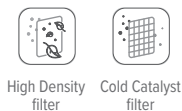
CONVENIENCE



ENERGY SAVING



HEALTH



technical data

Indoor unit		ILA1-Y		27M	35M	53M	70M
Article 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
System weight	Unit/Packaging		kg	7,80/10,1	8,40/11,0	11,2/14,6	13,6/17,3
Air filter	Type					CCF	
Airflow			m <sup>3</sup> /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	
	Heating	Indoor T	°C			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		
	Settable temperature		°C		16÷30		
Power supply	Voltage/Frequency/Phases		V/Hz/n°	230 / 50 / 1			

Fan speed:  
i=High; Mid=Medium; Lo=Low; Si=Silent  
CCF = Cold Catalyst  
Test conditions:

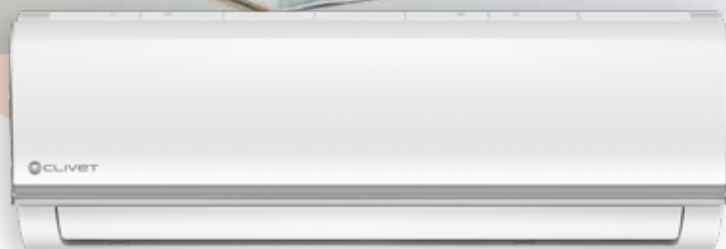
according to EN14511 / EN12102  
Cooling: indoor air temperature 27°C DB/19°C WB; outdoor air temperature 35°C DB/24°C WB;  
Heating: indoor air temperature 20°C DB/15°C WB; outdoor air temperature 7°C DB/6°C WB.  
Data declared according to UE 626/2011 delegated regulation

accessoires

Standard	
<b>RG10A-D2S-BGEF</b>	Infrared remote control for indoor units CRISTALLO 2 / EZCool / BOX 2 / CONSOLE 3 / DUCT 2 / C&F 2
Optionals	
<b>NWMX</b>	Wi-Fi kit for indoor units



▶A++  
▶A+



## SINGLE Split / MULTI Split reversible heat pump with Hiwall indoor unit

### WHY CHOOSE NATIV?

- ✓ Full range: SINGLE Split 9.000 ÷ 24.000 Btu/h, MULTI Split 9.000 ÷ 24.000 Btu/h
- ✓ SINGLE Split/MULTI Split compatible
- ✓ Optional: Wi-Fi for the remote management with NetHome Plus application for Android and iOS



## COMFORT



12-grades indoor Fan speed



Anti-cold air Function



Temperature compensation

## RELIABILITY



Self-diagnosis Function



Auto defrosting

## CONVENIENCE



Single/Multi Compatible



Louver Position Memory



Auto Restart Function



Automatic correction of the connection error (Multi Split)

## ENERGY SAVING



Sleep mode

## HEALTH



High Density Filter



Cold Catalyst Filter

## OPTIONAL



WIFI Control



Wi-Fi NWMX (optional)



REMOTE CONTROL RG10A-D-BGEF (standard)



IZ2-XY

## technical data

Indoor unit			IZ2-XY	27M	35M	53M	70M
Article code				89472260	89472262	89472261	89472263
Cooling capacity	Standard		Btu/h	9.000	12.000	18.000	24.000
			kW	2,64	3,52	5,30	7,03
Heating capacity	Standard		Btu/h	10.000	13.000	19.000	25.000
			kW	2,93	3,81	5,57	7,33
Dimensions	Unit	L x P x A	mm	805x194x285	805x194x285	957x213x302	1040x220x327
	Packaging	L x P x A	mm	870x270x365	870x270x365	1035x295x385	1120x315x405
Weight	Unit/Packaging		kg	7,60/9,70	7,60/9,80	10,0/13,0	12,3/15,8
Air filter	Type		-			CCF	
Airflow			m <sup>3</sup> /h	466/360/325	540/430/314	840/680/540	980/817/662
Sound power level			dB(A)	54	55	56	59
Sound pressure level			dB(A)	39/32/25	41/35/25	43/36/26	45/41/36
Operating range	Cooling	Indoor T.	°C			17÷32	
	Heating	Indoor T.	°C			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 systems	Infrared remote control		-		RG10A4-D-BGEF		
	Settable temperature		°C		17÷30		
Power supply	Voltage/Frequency/Phases		V/Hz/n°			230 / 50 / 1	

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

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

## accessories

### Standard

#### RG10A4-D-BGEF

Standard Wireless remote control fo indoor units CRISTALLO 2 / CRISTALLO / ESSENTIAL 2 / NATIV

### Optionals

#### Control systems

(learn more at Control System page)

# BOX 2 650X650 27M ÷ 53M

MULTISplit



## Cassette indoor unit for MULTISplit systems

### WHY CHOOSE BOX 2 650x650?

- ✓ MULTI Split/Light Commercial compatible
- ✓ Compact design for standard 60x60cm modules
- ✓ Integrated condensate discharge pump, 750 mm H<sub>2</sub>O of static pressure
- ✓ Predisposition to operate with a fresh air fraction

#### RESERVED REMOTE ON-OFF AND ALARM PORTS

Possibility to manage with an ON/OFF window contact and to activate a remote alarm (vibration, light, etc.)



#### BUILD-IN DRAIN PUMP

Available pressure:  
750 mm H<sub>2</sub>O



## COMFORT



Anti-cold air

## RELIABILITY



Self-diagnosis Function



Auto Defrosting



Condensate drain pump

## CONVENIENCE



Remote On/Off



Error Alarm Port



Auto-restart



Timer

## ENERGY SAVING



Sleep

## HEALTH



Fresh Air

## OPTIONAL



Wired controller



Centralised control



BMS Communication



WiFi Control



PANEL 650X650  
T-MBQ4-03B4  
(mandatory accessory)



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



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



REMOTE CONTROL  
RG10A-D2S-BGEF  
(standard)



IB3-XY

## technical data

Indoor unit		IB3-XY		27M		35M		53M	
Article code				89112291		89102297		89102233	
Cooling capacity	Nominal			Btu/h		9.000		18.000	
				kW		2,64		3,52	
Heating capacity	Nominal			Btu/h		10.000		18.500	
				kW		2,93		4,10	
Dimensions	Unit	L x D x H	mm	570x570x260		570x570x260		570x570x260	
	Packaging (Unit)	L x D x H	mm	662x662x317		662x662x317		662x662x317	
	Panel	L x D x H	mm	647x647x50		647x647x50		647x647x50	
	Packaging (Panel)	L x D x H	mm	715x715x123		715x715x123		715x715x123	
Weight	Unit / Packaging		kg	14,7/19,3		16,2/21,4		16,2/21,4	
	Panel / Packaging		kg	2,50/4,50		2,50/4,50		2,50/4,50	
Air filter	Type			-		R/W			
Airflow		Hi/Mid/Lo	m <sup>3</sup> /h	580/500/450		617/504/415		680/560/500	
Sound power		Hi	dB(A)	53		56		56	
Sound pressure level		Hi/Mid/Lo	dB(A)	38/33/29		41/37/34		44/42/41	
Operating Voltage Range	Cooling	Indoor T	°C			17÷32			
	Heating	Indoor T	°C			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			
	Settable temperature		°C			16÷30			
Power supply	Voltage/Frequency/Phases		V/Hz/h°			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

## accessoires

### Standard

**RG10A-D2S-BGEF** Infrared remote control for indoor units CRISTALLO 2 / EZCool / BOX 2 / CONSOLE 3 / DUCT 2 / C&F 2

### Optionals

**T-MBQ4-03B4** Panel for Box 2 650x650, 360° air delivery, round hole grill. (Mandatory accessory, to be selected separately)

**WF-60A1-C** 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)



## Ductable indoor unit for MULTISplit systems

### WHY CHOOSE DUCT 2?

- ✓ MULTI Split/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
- ✓ Integrated condensate discharge pump, 750 mm H<sub>2</sub>O of static pressure

#### BUILD-IN DRAIN PUMP

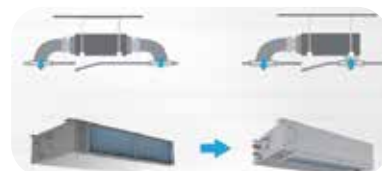
Available pressure:  
750 mm H<sub>2</sub>O



#### FLEXIBLE INSTALLATION

The air intake can be modified in the building site:

- air intake from rear
- air intake from bottom.



#### CONSTANT AIRFLOW CONTROL

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



## COMFORT



Anti-cold air

## RELIABILITY



Self-diagnosis  
Function



Auto  
Defrosting



Condensate  
drain pump

## CONVENIENCE



Remote  
On/Off



Error Alarm  
Port



Auto-restart

## ENERGY SAVING



Sleep

## HEALTH



Fresh Air

## OPTIONAL



Wired  
controller



Centralised  
control



BMS  
Communication



WiFi Control



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



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



REMOTE CONTROL  
RG10A-D2S-BGEF  
(standard)



ID3-XY

## technical data

Indoor unit			ID3-XY	27M	35M	53M	70M
Article code				89092235	89092219	89132211	89102201
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	700x450x200	700x450x200	880x600x210	1100x700x249
	Packaging	L x D x H	mm	860x540x275	860x540x275	1070x725x280	1305x805x315
Weight	Unit/Packaging		kg	18,0/22,0	18,0/22,0	24,3/29,6	32,3/39,1
Air filter	Type					R/W	
Airflow		Hi/Mid/Lo	m <sup>3</sup> /h	500/340/230	600/480/300	880/650/350	1229/1035/825
External static pressure		Std (Min~Max)	Pa	25 (0÷60)	25 (0÷60)	25 (0÷100)	25 (0÷160)
Sound power		Hi	dB(A)	58	59	59	62
Sound pressure level		Hi/Mid/Lo	dB(A)	40/35/28	40/35/28	42/38/33	49/46/41
Operating Voltage Range	Cooling	Indoor T	°C			17÷32	
	Heating	Indoor T	°C			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	
	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 indoor units CRISTALLO 2 / EZCool / BOX 2 / CONSOLE 3 / DUCT 2 / C&F 2

### Optionals

#### WF-60A1-C

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

### Sistemi di Controllo

(vedi sezione dedicata)

# CONSOLE 3 27M ÷ 53M

MULTISplit



## Console indoor unit for MULTI Split Systems

### WHY CHOOSE CONSOLE 3?

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

### SUPERSILENT

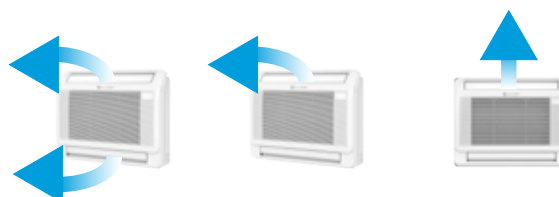
Thanks to the new double tangential fan system, noise is reduced to the lowest of its category.



### DOUBLE FLOW FOR FRONT RETURN AIR SUPPLY

Selectable air supply:

1. From the bottom and from the top
2. From the top only
3. Return air from the front



## COMFORT



Stepless Indoor Fan Speed



Anti-cold air



Temperature Compensation



Multidirectional airflow

## RELIABILITY



Self-diagnosis Function

## CONVENIENCE



Remote On/Off



Timer



Auto-restart

## ENERGY SAVING



Sleep

## OPTIONAL



Wired controller



Centralised control



BMS Communication



WiFi Control

## HEALTH



High Density filter



Cold Catalyst filter



Wi-Fi NWMX (optional)



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



REMOTE CONTROL RG10A-D2S-BGEF (standard)



IC3-Y

## technical data

Indoor unit			IC3-XY	27M	35M	53M
Article 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
Airflow		Hi/Mid/Lo	m <sup>3</sup> /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	
	Heating	Indoor T	°C		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	
	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

## accessoires

### Standard

#### RG10A-D2S-BGEF

Infrared remote control for indoor units CRISTALLO 2 / EZCool / BOX 2 / CONSOLE 3 / DUCT 2 / C&F 2

### 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)

# CEILING & FLOOR 2 53M

MULTISplit



## Ceiling and floor indoor unit for MULTISplit systems

### WHY CHOOSE CEILING&FLOOR 2?

- ✓ MULTI Split/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.





## COMFORT



Anti-cold air    Multidirectional Airflow    Temperature Compensation

## RELIABILITY



Self-diagnosis Function    Auto Defrosting

## CONVENIENCE



Remote On/Off    Error Alarm Port    Auto Restart

## ENERGY SAVING



Sleep

## HEALTH



Fresh Air

## OPTIONAL



Wired controller    Centralised control    BMS Communication    WiFi Control



Wi-Fi WF-60A1-C (optional)    WIRED REMOTE CONTROL KJR-120X2-TFBG-E (optional)    REMOTE CONTROL RG10A-D2S-BGEF (standard)    IF3-XY

## technical data

Indoor unit			IF3-XY	53M
Article 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

## accessoires

Standard	
<b>RG10A-D2S-BGEF</b>	Infrared remote control for indoor units CRISTALLO 2 / EZCool / BOX 2 / CONSOLE 3 / DUCT 2 / C&F 2
Optionals	
<b>WF-60A1-C</b>	Smart port kit for the hiwall indoor unit management via Wi-Fi (it includes the adaptor and the USB key)
<b>Control systems</b>	(learn more at Control System page)

# COMBINATION TABLES

## Outdoor unit: MU2-Y 41M (DUAL)

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	A	B	Min.	Std.	Max.	Min.	Std.	Max.	Min.	Std.	Max.		Class	SEER	Pd	CEA [kWh]
MU2-Y 41M (1x1)	20M 8.000	—	2,00	—	1,23	2,00	2,90	0,30	0,62	0,77	1,30	2,68	3,34	3,25	—	—	—	—
	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	—	—	—	—
	20M 8.000	20M 8.000	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
MU2-Y 41M (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
	20M 8.000	20M 8.000	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
	20M 8.000	27M 9.000	1,93	2,48	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	INDOOR UNIT		HEATING CAPACITY [KW]		TOTAL HEATING 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	CEA [kWh]
MU2-Y 41M (1x1)	20M 8.000	—	2,45	—	1,32	2,50	2,82	0,28	0,67	0,83	1,22	2,90	3,62	3,75	—	—	—	—
	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-Y 41M (1x2)	20M 8.000	20M 8.000	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
	20M 8.000	27M 9.000	1,93	2,48	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
	20M 8.000	35M 12.000	1,62	2,78	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	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

# COMBINATION TABLES

## Outdoor unit: MU2-Y 53M (DUAL)

OUTDOOR UNIT	INDOOR UNIT		COOLING CAPACITY [KW]		TOTAL COOLING CAPACITY [KW]			POWER INPUT 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	CEA [kWh]
MU2-Y 53M (1x1)	20M 8.000	—	2,00	—	1,43	2,00	2,90	0,35	0,60	0,75	1,52	2,60	3,24	3,35	—	—	—	—
	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-Y 53M (1x2)	20M 8.000	20M 8.000	2,65	2,65	2,12	5,30	5,62	0,54	1,64	2,05	2,35	7,13	8,92	3,23	A++	6,10	5,30	304
	20M 8.000	27M 9.000	2,32	2,98	2,12	5,30	5,83	0,54	1,64	2,05	2,35	7,13	8,92	3,23	A++	6,10	5,30	304
	20M 8.000	35M 12.000	1,95	3,35	2,12	5,30	6,41	0,54	1,64	2,05	2,35	7,13	8,92	3,23	A++	6,10	5,30	304
	20M 8.000	53M 18.000	1,48	3,85	2,12	5,30	6,47	0,54	1,64	2,05	2,35	7,13	8,92	3,23	A++	6,10	5,30	304
	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
	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

OUTDOOR UNIT	INDOOR UNIT		HEATING CAPACITY [KW]		TOTAL HEATING 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	CEA [kWh]
MU2-Y 53M (1x1)	20M 8.000	—	2,50	—	1,56	2,50	3,03	0,32	0,67	0,83	1,39	2,90	3,62	3,75	—	—	—	—
	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)	20M 8.000	20M 8.000	2,50	2,50	2,23	5,00	6,04	0,51	1,35	1,88	2,22	5,86	8,16	3,71	A+	4,00	4,30	1505
	20M 8.000	27M 9.000	2,32	2,98	2,23	5,30	6,13	0,51	1,43	1,88	2,22	6,21	8,16	3,71	A+	4,00	4,30	1505
	20M 8.000	35M 12.000	2,03	3,47	2,23	5,50	6,36	0,51	1,48	1,88	2,22	6,45	8,16	3,71	A+	4,00	4,30	1505
	20M 8.000	53M 18.000	1,60	4,14	2,23	5,70	6,60	0,51	1,54	1,88	2,22	6,68	8,16	3,71	A+	4,00	4,30	1505
	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
	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

# COMBINATION TABLES

## Outdoor unit: MU2-Y 61M (TRIPLE)

MULTISplit

OUTDOOR UNIT	INDOOR UNIT			COOLING CAPACITY [KW]			TOTAL COOLING CAPACITY [KW]			POWER INPUT 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	CEA [kWh]
MU2-Y 61M (1x1)	20M	—	—	2,00	—	—	1,43	2,00	2,90	0,38	0,62	0,77	1,65	2,69	3,37	3,23	—	—	—	—
	8.000	—	—	2,50	—	—	1,43	2,50	3,20	0,38	0,77	0,97	1,65	3,37	4,21	3,23	—	—	—	—
	27M	—	—	3,50	—	—	1,43	3,50	3,90	0,38	1,08	1,30	1,65	4,71	5,65	3,23	—	—	—	—
	9.000	—	—	5,00	—	—	1,65	5,00	6,50	0,48	1,55	1,78	2,09	6,73	7,74	3,23	—	—	—	—
	35M	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MU2-Y 61M (1x2)	20M	20M	—	2,10	2,10	—	2,01	4,20	5,49	0,57	1,30	1,89	2,46	5,65	8,21	3,23	A+	5,60	4,20	263
	8.000	8.000	—	2,06	2,64	—	2,01	4,70	5,80	0,57	1,46	1,98	2,46	6,33	8,62	3,23	A+	5,60	4,70	294
	20M	27M	—	1,95	3,35	—	2,01	5,30	6,10	0,57	1,64	2,08	2,46	7,13	9,03	3,23	A+	5,60	5,30	331
	8.000	9.000	—	1,76	4,54	—	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
	20M	35M	—	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
	8.000	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
	20M	53M	—	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
	8.000	18.000	—	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
	20M	35M	—	2,03	2,03	—	2,44	6,10	7,20	0,68	1,89	2,36	2,96	8,21	10,26	3,23	A++	6,70	6,10	319
	8.000	8.000	8.000	1,86	1,86	2,39	2,44	6,10	7,26	0,68	1,89	2,36	2,96	8,21	10,26	3,23	A++	6,70	6,10	319
MU2-Y 61M (1x3)	20M	20M	35M	1,64	1,64	2,82	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
	8.000	8.000	12.000	1,71	2,20	2,20	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
	20M	27M	27M	1,53	1,96	2,61	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
	8.000	9.000	12.000	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
	20M	27M	35M	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
	8.000	9.000	12.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	27M	27M	35M	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9.000	9.000	12.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	

Notes Pd = Pdesign CEA = Annual Energy Consumption

# COMBINATION TABLES

## Outdoor unit: MU2-Y 61M (TRIPLE)

OUTDOOR UNIT	INDOOR UNIT			HEATING CAPACITY [KW]			TOTAL HEATING 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	CEA [kWh]
MU2-Y 61M (1x1)	20M	—	—	2,50	—	—	1,43	2,50	3,03	0,35	0,67	0,84	1,52	2,93	3,66	3,71	—	—	—	—
	8.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	27M	—	—	3,00	—	—	1,43	3,00	3,63	0,35	0,81	1,01	1,52	3,52	4,39	3,71	—	—	—	—
	9.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	35M	—	—	3,80	—	—	1,43	3,80	4,60	0,35	1,02	1,23	1,52	4,45	5,34	3,71	—	—	—	—
	12.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MU2-Y 61M (1x2)	53M	—	—	5,20	—	—	1,74	5,20	6,64	0,45	1,40	2,00	1,96	6,09	8,69	3,71	—	—	—	—
	18.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	20M	—	2,50	2,50	—	2,13	5,00	5,80	0,52	1,35	1,74	2,27	5,86	7,56	3,71	A	3,80	4,00	1474
	8.000	8.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	27M	—	2,45	3,15	—	2,13	5,60	6,12	0,52	1,51	1,82	2,27	6,56	7,93	3,71	A	3,80	4,48	1651
	8.000	9.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	35M	—	2,17	3,73	—	2,13	5,90	6,45	0,52	1,59	1,91	2,27	6,91	8,31	3,71	A	3,80	4,80	1768
	8.000	12.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	53M	—	1,82	4,68	—	2,13	6,50	7,22	0,52	1,75	2,00	2,27	7,62	8,69	3,71	A	3,80	5,12	1886
	8.000	18.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	27M	27M	—	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
	9.000	9.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27M	35M	—	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	
9.000	12.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
27M	53M	—	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	
9.000	18.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
35M	35M	—	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	
12.000	12.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
MU2-Y 61M (1x3)	20M	20M	20M	2,15	2,15	2,15	2,26	6,45	7,61	0,62	1,74	2,17	2,72	7,56	9,44	3,71	A+	4,00	5,20	1820
	8.000	8.000	8.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	20M	27M	1,96	1,96	2,52	2,26	6,45	7,61	0,62	1,74	2,17	2,72	7,56	9,44	3,71	A+	4,00	5,20	1820
	8.000	8.000	9.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	20M	35M	1,73	1,73	2,97	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
	8.000	8.000	12.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	27M	27M	1,80	2,32	2,32	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
	8.000	9.000	9.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	27M	35M	1,61	2,07	2,76	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
	8.000	9.000	12.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	<b>27M</b>	<b>27M</b>	<b>27M</b>	<b>2,15</b>	<b>2,15</b>	<b>2,15</b>	<b>2,26</b>	<b>6,45</b>	<b>7,74</b>	<b>0,62</b>	<b>1,74</b>	<b>2,17</b>	<b>2,72</b>	<b>7,56</b>	<b>9,44</b>	<b>3,71</b>	<b>A+</b>	<b>4,00</b>	<b>5,20</b>	<b>1820</b>
	<b>9.000</b>	<b>9.000</b>	<b>9.000</b>	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27M	27M	35M	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	
9.000	9.000	12.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	

Notes Pd = Pdesign CEA = Annual Energy Consumption

MULTISplit

# COMBINATION TABLES

## Outdoor unit: MU2-Y 79M (TRIPLE)

MULTISplit

OUTDOOR UNIT	INDOOR UNIT			COOLING CAPACITY [KW]			TOTAL COOLING CAPACITY [KW]			POWER INPUT 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	CEA [kWh]
MU2-Y 79M (1x1)	20M	—	—	2,00	—	—	1,58	2,00	2,90	0,40	0,62	0,77	1,74	2,69	3,37	3,23	—	—	—	—
	8.000	—	—	2,50	—	—	1,58	2,50	3,20	0,40	0,77	0,97	1,74	3,37	4,21	3,23	—	—	—	—
	27M	—	—	3,50	—	—	1,58	3,50	3,90	0,40	1,08	1,30	1,74	4,71	5,65	3,23	—	—	—	—
	9.000	—	—	5,00	—	—	1,78	5,00	6,50	0,50	1,55	1,78	2,17	6,73	7,74	3,23	—	—	—	—
	35M	—	—	2,10	2,10	—	2,21	4,20	6,32	0,64	1,30	2,08	2,76	5,65	9,04	3,23	A+	5,60	4,20	263
	12.000	—	—	2,06	2,64	—	2,21	4,70	6,72	0,64	1,46	2,20	2,76	6,33	9,57	3,23	A+	5,60	4,70	294
MU2-Y 79M (1x2)	20M	20M	—	1,95	3,35	—	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
	8.000	8.000	—	1,82	4,68	—	2,21	6,50	7,90	0,64	2,01	2,69	2,76	8,75	11,70	3,23	A+	5,60	6,50	406
	20M	27M	—	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
	8.000	9.000	—	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
	20M	35M	—	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
	8.000	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
	20M	53M	—	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
	8.000	18.000	—	2,43	2,43	2,43	2,77	7,30	8,69	0,76	2,26	2,91	3,30	9,83	12,65	3,23	A++	6,10	7,30	419
	27M	27M	—	2,25	2,25	2,90	2,77	7,40	8,69	0,76	2,29	2,91	3,30	9,96	12,65	3,23	A++	6,10	7,40	425
	9.000	9.000	—	2,13	2,13	3,65	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	35M	—	1,73	1,73	4,44	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
	9.000	12.000	—	2,13	2,74	2,74	2,77	7,60	8,69	0,76	2,35	2,91	3,30	10,23	12,65	3,23	A++	6,10	7,60	436
MU2-Y 79M (1x3)	20M	20M	20M	1,98	2,54	3,39	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
	8.000	9.000	12.000	1,63	2,09	4,18	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
	20M	35M	35M	1,78	3,06	3,06	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
	8.000	12.000	12.000	<b>2,63</b>	<b>2,63</b>	<b>2,63</b>	<b>2,77</b>	<b>7,90</b>	<b>8,69</b>	<b>0,76</b>	<b>2,45</b>	<b>2,91</b>	<b>3,30</b>	<b>10,63</b>	<b>12,65</b>	<b>3,23</b>	<b>A++</b>	<b>6,10</b>	<b>7,90</b>	<b>453</b>
	27M	27M	27M	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
	9.000	9.000	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
	27M	35M	35M	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
	9.000	12.000	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

# COMBINATION TABLES

## Outdoor unit: MU2-Y 79M (TRIPLE)

OUTDOOR UNIT	INDOOR UNIT			HEATING CAPACITY [KW]			TOTAL HEATING 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	CEA [kWh]		
MU2-Y 79M (1x1)	20M	8.000	—	2,50	—	—	1,64	2,50	2,90	0,40	0,67	0,84	1,74	2,91	3,64	3,73	—	—	—	—		
	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	—	—	—	—		
	20M	8.000	20M 8.000	—	2,50	2,50	—	2,30	5,00	6,56	0,57	1,35	1,88	2,50	5,86	8,17	3,71	A	3,80	4,80	1768	
MU2-Y 79M (1x2)	20M	8.000	27M 9.000	—	2,45	3,15	—	2,30	5,60	6,98	0,57	1,51	1,99	2,50	6,56	8,66	3,71	A	3,80	5,00	1842	
	20M	8.000	35M 12.000	—	2,21	3,79	—	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	
	20M	8.000	53M 18.000	—	1,96	5,04	—	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	
	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-Y 79M (1x3)	20M	8.000	20M 8.000	20M 8.000	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	5,70	1995
		20M	8.000	20M 8.000	27M 9.000	2,50	2,50	3,21	2,87	8,20	9,85	0,68	2,21	2,76	2,98	9,61	12,02	3,71	A+	4,00	5,70	1995
20M		8.000	20M 8.000	35M 12.000	2,21	2,21	3,78	2,87	8,20	9,85	0,68	2,21	2,76	2,98	9,61	12,02	3,71	A+	4,00	5,70	1995	
20M		8.000	20M 8.000	53M 18.000	1,79	1,79	4,61	2,87	8,20	9,85	0,68	2,21	2,76	2,98	9,61	12,02	3,71	A+	4,00	5,70	1995	
20M		8.000	27M 9.000	27M 9.000	2,30	2,95	2,95	2,87	8,20	9,85	0,68	2,21	2,76	2,98	9,61	12,02	3,71	A+	4,00	5,70	1995	
20M		8.000	27M 9.000	35M 12.000	2,05	2,64	3,51	2,87	8,20	9,85	0,68	2,21	2,76	2,98	9,61	12,02	3,71	A+	4,00	5,70	1995	
20M		8.000	27M 9.000	53M 18.000	1,69	2,17	4,34	2,87	8,20	9,85	0,68	2,21	2,76	2,98	9,61	12,02	3,71	A+	4,00	5,70	1995	
20M		8.000	35M 12.000	35M 12.000	1,85	3,17	3,17	2,87	8,20	9,85	0,68	2,21	2,76	2,98	9,61	12,02	3,71	A+	4,00	5,70	1995	
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

MULTISplit

HEATING

# COMBINATION TABLES

## Outdoor unit: MU2-Y 82M (QUADRI)

MULTISplit

OUTDOOR UNIT	INDOOR UNIT				COOLING CAPACITY [KW]				TOTAL COOLING CAPACITY [KW]			POWER INPUT COOLING [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	CEA [kWh]
MU2-Y 82M (1x1)	20M	—	—	—	2,00	—	—	—	1,52	2,00	2,90	0,40	0,62	0,77	1,74	2,69	3,37	3,23	—	—	—	—
	8.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	27M	—	—	—	2,50	—	—	—	1,52	2,50	3,20	0,40	0,77	0,97	1,74	3,37	4,21	3,23	—	—	—	—
	9.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	35M	—	—	—	3,50	—	—	—	1,52	3,50	3,90	0,40	1,08	1,30	1,74	4,71	5,65	3,23	—	—	—	—
	12.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MU2-Y 82M (1x2)	53M	—	—	—	5,00	—	—	—	1,72	5,00	6,50	0,50	1,55	1,78	2,17	6,73	7,74	3,23	—	—	—	—
	18.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	20M	—	—	2,10	2,10	—	—	2,05	4,20	6,07	0,63	1,30	2,03	2,76	5,65	8,83	3,23	A	5,10	4,20	288
	8.000	8.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	27M	—	—	2,06	2,64	—	—	2,05	4,70	6,40	0,63	1,46	2,16	2,76	6,33	9,38	3,23	A	5,10	4,70	323
	8.000	9.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	35M	—	—	1,95	3,35	—	—	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
	8.000	12.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	53M	—	—	1,96	5,04	—	—	2,05	7,00	7,54	0,63	2,17	2,79	2,76	9,42	12,14	3,23	A	5,10	7,00	480
	8.000	18.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	27M	27M	—	—	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
	9.000	9.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	27M	35M	—	—	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
	9.000	12.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	27M	53M	—	—	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
	9.000	18.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	35M	35M	—	—	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
	12.000	12.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
35M	53M	—	—	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	
12.000	18.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
53M	53M	—	—	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	
18.000	18.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
MU2-Y 82M (1x3)	20M	20M	20M	—	2,00	2,00	2,00	—	2,62	6,00	8,45	0,76	1,86	2,94	3,31	8,08	12,80	3,23	A++	6,50	6,00	323
	8.000	8.000	8.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	20M	27M	—	1,98	1,98	2,54	—	2,62	6,50	8,45	0,76	2,01	2,94	3,31	8,75	12,80	3,23	A++	6,50	6,50	350
	8.000	8.000	9.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	20M	35M	—	1,91	1,91	3,28	—	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
	8.000	8.000	12.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	20M	53M	—	1,71	1,71	4,39	—	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
	8.000	8.000	18.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	27M	27M	—	1,90	2,45	2,68	—	2,62	6,80	8,45	0,76	2,11	2,94	3,31	9,15	12,80	3,23	A++	6,50	6,80	366
	8.000	9.000	9.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	27M	35M	—	1,88	2,41	3,21	—	2,62	7,50	8,45	0,76	2,32	2,94	3,31	10,10	12,80	3,23	A++	6,50	7,50	404
	8.000	9.000	12.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	27M	53M	—	1,61	2,06	4,13	—	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
	8.000	9.000	18.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	35M	35M	—	1,76	3,02	3,02	—	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
	8.000	12.000	12.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	35M	53M	—	1,48	2,53	3,79	—	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
	8.000	12.000	18.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	27M	27M	27M	—	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
	9.000	9.000	9.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	27M	27M	35M	—	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
9.000	9.000	12.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
27M	27M	53M	—	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	
9.000	9.000	18.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
27M	35M	35M	—	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	
9.000	12.000	12.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
27M	35M	53M	—	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	
9.000	12.000	18.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
35M	35M	35M	—	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	
12.000	12.000	12.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	

COOLING

Notes Pd = Pdesign CEA = Annual Energy Consumption



# COMBINATION TABLES

## Outdoor unit: MU2-Y 82M (QUADRI)

OUTDOOR UNIT	INDOOR UNIT				COOLING CAPACITY [KW]				TOTAL COOLING CAPACITY [KW]			POWER INPUT COOLING [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	CEA [kWh]
MU2-Y 82M (x4)	20M	20M	20M	20M	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
	8.000	8.000	8.000	8.000																		
	20M	20M	20M	27M	1,91	1,91	1,91	2,46	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
	8.000	8.000	8.000	9.000																		
	20M	20M	20M	35M	1,74	1,74	1,74	2,98	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
	8.000	8.000	8.000	12.000																		
	20M	20M	20M	53M	1,47	1,47	1,47	3,78	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
	8.000	8.000	8.000	18.000																		
	20M	20M	27M	27M	1,79	1,79	2,31	2,31	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
	8.000	8.000	9.000	9.000																		
	20M	20M	27M	35M	1,64	1,64	2,11	2,81	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
	8.000	8.000	9.000	12.000																		
	20M	20M	35M	35M	1,51	1,51	2,59	2,59	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
	8.000	8.000	12.000	12.000																		
	20M	27M	27M	27M	1,69	2,17	2,17	2,17	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
	8.000	9.000	9.000	9.000																		
20M	27M	27M	35M	1,55	1,99	1,99	2,66	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	
8.000	9.000	9.000	12.000																			
20M	27M	35M	35M	1,44	1,85	2,46	2,46	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	
8.000	9.000	12.000	12.000																			
<b>27M</b>	<b>27M</b>	<b>27M</b>	<b>27M</b>	<b>2,05</b>	<b>2,05</b>	<b>2,05</b>	<b>2,05</b>	<b>2,87</b>	<b>8,20</b>	<b>9,92</b>	<b>0,86</b>	<b>2,54</b>	<b>3,17</b>	<b>3,75</b>	<b>11,04</b>	<b>13,80</b>	<b>3,23</b>	<b>A++</b>	<b>7,20</b>	<b>8,20</b>	<b>399</b>	
<b>9.000</b>	<b>9.000</b>	<b>9.000</b>	<b>9.000</b>																			
27M	27M	27M	35M	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	
9.000	9.000	9.000	12.000																			

Notes Pd = Pdesign CEA = Annual Energy Consumption

MULTISplit

# COMBINATION TABLES

## Outdoor unit: MU2-Y 82M (QUADRI)

MULTISplit

OUTDOOR UNIT	INDOOR UNIT				HEATING CAPACITY [KW]				TOTAL HEATING 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	CEA [kWh]
MU2-Y 82M (1x1)	20M	—	—	—	2,50	—	—	—	1,63	2,50	2,90	0,40	0,67	0,83	1,74	2,90	3,62	3,75	—	—	—	—
	8.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	27M	—	—	—	3,00	—	—	—	1,63	3,00	3,20	0,40	0,80	1,00	1,74	3,48	4,35	3,75	—	—	—	—
	9.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	35M	—	—	—	3,80	—	—	—	1,63	3,80	3,90	0,40	1,01	1,22	1,74	4,41	5,29	3,75	—	—	—	—
	12.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
53M	—	—	—	5,60	—	—	—	1,85	5,60	6,78	0,50	1,48	1,70	2,17	6,44	7,41	3,78	—	—	—	—	
18.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
MU2-Y 82M (1x2)	20M	20M	—	—	2,50	2,50	—	—	2,20	5,00	6,51	0,59	1,31	1,90	2,58	5,71	8,25	3,81	A	3,40	3,85	1585
	8.000	8.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	27M	—	—	2,45	3,15	—	—	2,20	5,60	6,86	0,59	1,47	2,02	2,58	6,39	8,77	3,81	A	3,40	4,31	1776
	8.000	9.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	35M	—	—	2,21	3,79	—	—	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
	8.000	12.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	53M	—	—	2,18	5,62	—	—	2,20	7,80	8,10	0,59	2,03	2,61	2,58	8,81	11,34	3,85	A	3,40	6,01	2473
	8.000	18.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	27M	27M	—	—	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
	9.000	9.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	27M	35M	—	—	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
	9.000	12.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	27M	53M	—	—	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
	9.000	18.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	35M	35M	—	—	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
	12.000	12.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	35M	53M	—	—	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
	12.000	18.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
53M	53M	—	—	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	
18.000	18.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
MU2-Y 82M (1x3)	20M	20M	20M	—	2,33	2,33	2,33	—	2,82	7,00	9,06	0,71	1,89	2,75	3,09	8,20	11,96	3,71	A	3,80	5,39	1986
	8.000	8.000	8.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	20M	27M	—	2,37	2,37	3,05	—	2,82	7,80	9,06	0,71	2,10	2,75	3,09	9,14	11,96	3,71	A	3,80	6,01	2213
	8.000	8.000	9.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	20M	35M	—	2,26	2,26	3,88	—	2,82	8,40	9,06	0,71	2,26	2,75	3,09	9,84	11,96	3,71	A	3,80	6,10	2247
	8.000	8.000	12.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	20M	53M	—	1,88	1,88	4,84	—	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
	8.000	8.000	18.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	27M	27M	—	2,35	3,02	2,68	—	2,82	8,40	9,06	0,71	2,26	2,75	3,09	9,84	11,96	3,71	A	3,80	6,10	2247
	8.000	9.000	9.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	27M	35M	—	2,13	2,73	3,64	—	2,82	8,50	9,06	0,71	2,29	2,75	3,09	9,96	11,96	3,71	A	3,80	6,20	2284
	8.000	9.000	12.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	27M	53M	—	1,77	2,28	4,55	—	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
	8.000	9.000	18.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	35M	35M	—	1,94	3,33	3,33	—	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
	8.000	12.000	12.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	35M	53M	—	1,63	2,79	4,18	—	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
	8.000	12.000	18.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27M	27M	27M	—	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	
9.000	9.000	9.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
27M	27M	35M	—	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	
9.000	9.000	12.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
27M	27M	53M	—	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	
9.000	9.000	18.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
27M	35M	35M	—	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	
9.000	12.000	12.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
27M	35M	53M	—	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	
9.000	12.000	18.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
35M	35M	35M	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12.000	12.000	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	

Notes Pd = Pdesign CEA = Annual Energy Consumption

# COMBINATION TABLES

## Outdoor unit: MU2-Y 82M (QUADRI)

OUTDOOR UNIT	INDOOR UNIT				HEATING CAPACITY [KW]				TOTAL HEATING 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	CEA [kWh]
MU2-Y 82M (1x4)	20M 8.000	20M 8.000	20M 8.000	20M 8.000	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
	20M 8.000	20M 8.000	20M 8.000	27M 9.000	2,05	2,05	2,05	2,64	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
	20M 8.000	20M 8.000	20M 8.000	35M 12.000	1,87	1,87	1,87	3,20	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
	20M 8.000	20M 8.000	20M 8.000	53M 18.000	1,58	1,58	1,58	4,06	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
	20M 8.000	20M 8.000	27M 9.000	27M 9.000	1,93	1,93	2,48	2,48	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
	20M 8.000	20M 8.000	27M 9.000	35M 12.000	1,76	1,76	2,26	3,02	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
	20M 8.000	20M 8.000	35M 12.000	35M 12.000	1,62	1,62	2,78	2,78	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
	20M 8.000	27M 9.000	27M 9.000	27M 9.000	1,81	2,33	2,33	2,33	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
	20M 8.000	27M 9.000	27M 9.000	35M 12.000	1,66	2,14	2,14	2,85	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
	20M 8.000	27M 9.000	35M 12.000	35M 12.000	1,54	1,98	2,64	2,64	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
	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
	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

# COMBINATION TABLES

## Outdoor unit: MU2-Y 105M (QUADRI)

MULTISplit

OUTDOOR UNIT	INDOOR UNIT				COOLING CAPACITY [KW]				TOTAL COOLING CAPACITY [KW]			POWER INPUT COOLING [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	CEA [kWh]	
MU2-Y 105M (1x1)	20M 8.000	—	—	—	2,00	—	—	—	1,58	2,00	2,90	0,45	0,61	0,76	1,96	2,65	3,31	3,28	—	—	—	—	
	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	-	-	-	-
	20M 8.000	20M 8.000	—	—	2,10	2,10	—	—	2,22	4,20	6,33	0,62	1,28	2,12	2,70	5,57	9,23	3,28	A	5,10	4,20	288	
	20M 8.000	27M 9.000	—	—	2,06	2,64	—	—	2,22	4,70	6,54	0,62	1,43	2,29	2,70	6,23	9,94	3,28	A	5,10	4,70	323	
20M 8.000	35M 12.000	—	—	2,03	3,47	—	—	2,22	5,50	6,86	0,62	1,68	2,45	2,70	7,29	10,65	3,28	A	5,10	5,50	377		
20M 8.000	53M 18.000	—	—	1,96	5,04	—	—	2,22	7,00	8,44	0,62	2,13	2,87	2,70	9,28	12,50	3,28	A	5,20	7,00	471		
20M 8.000	70M 24.000	—	—	2,03	6,97	—	—	2,22	9,00	9,50	0,62	2,74	3,06	2,69	11,93	13,29	3,28	A	5,20	9,00	606		
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		

Notes Pd = Pdesign CEA = Annual Energy Consumption

replaceable indoor unit with HYDRO-M hydronic module

Note: Hydraulic module and direct expansion indoor units cannot operate at the same time.

# COMBINATION TABLES

## Outdoor unit: MU2-Y 105M (QUADRI)

OUTDOOR UNIT	INDOOR UNIT				COOLING CAPACITY [KW]				TOTAL COOLING CAPACITY [KW]			POWER INPUT COOLING [KW]			TOTAL COOLING CURRENT [A]			EER	SEASONAL EFFICIENCY (EN14825)							
					A	B	C	D	Min.	Std.	Max.	Min.	Std.	Max.	Min.	Std.	Max.		Class	SEER	Pd	CEA [kWh]				
	A	B	C	D	A	B	C	D	Min.	Std.	Max.	Min.	Std.	Max.	Min.	Std.	Max.	Class	SEER	Pd	CEA [kWh]					
MU2-Y 105M (1x3)	20M	20M	20M	8.000	8.000	8.000	8.000	—	2,00	2,00	2,00	—	2,85	6,00	7,39	0,78	1,80	2,94	3,41	7,83	12,78	3,33	A+	5,60	6,00	375
	20M	20M	27M	8.000	8.000	9.000	8.000	—	1,98	1,98	2,54	—	2,85	6,50	7,91	0,78	1,98	3,10	3,41	8,62	13,49	3,28	A+	5,60	6,50	406
	20M	20M	35M	8.000	8.000	12.000	8.000	—	2,02	2,02	3,46	—	2,85	7,50	8,97	0,78	2,29	3,27	3,41	9,94	14,20	3,28	A+	5,60	7,50	469
	20M	20M	53M	8.000	8.000	18.000	8.000	—	1,97	1,97	5,06	—	2,85	9,00	11,61	0,78	2,74	3,59	3,41	11,93	15,62	3,28	A+	5,80	9,00	543
	20M	20M	70M	8.000	8.000	24.000	8.000	—	1,84	1,84	6,32	—	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
	20M	27M	27M	8.000	9.000	9.000	8.000	—	1,96	2,52	2,52	—	2,85	7,00	8,97	0,78	2,13	3,27	3,41	9,28	14,20	3,28	A+	5,80	7,00	422
	20M	27M	35M	8.000	9.000	12.000	8.000	—	2,00	2,57	3,43	—	2,85	8,00	10,02	0,78	2,44	3,43	3,41	10,60	14,91	3,28	A+	5,80	8,00	483
	20M	27M	53M	8.000	9.000	18.000	8.000	—	1,96	2,51	5,03	—	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
	20M	27M	70M	8.000	9.000	24.000	8.000	—	1,75	2,25	6,00	—	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
	20M	35M	35M	8.000	12.000	12.000	8.000	—	2,03	3,48	3,48	—	2,85	9,00	10,55	0,78	2,78	3,43	3,41	12,08	14,91	3,24	A+	5,80	9,00	543
	20M	35M	53M	8.000	12.000	18.000	8.000	—	1,89	3,24	4,86	—	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
	20M	35M	70M	8.000	12.000	24.000	8.000	—	1,63	2,79	5,58	—	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
	20M	53M	53M	8.000	18.000	18.000	8.000	—	1,63	4,19	4,19	—	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	27M	27M	9.000	9.000	9.000	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	27M	35M	9.000	9.000	12.000	9.000	—	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
	27M	27M	53M	9.000	9.000	18.000	9.000	—	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	27M	70M	9.000	9.000	24.000	9.000	—	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	35M	35M	9.000	12.000	12.000	9.000	—	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	35M	53M	9.000	12.000	18.000	9.000	—	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	35M	70M	9.000	12.000	24.000	9.000	—	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	53M	53M	9.000	18.000	18.000	9.000	—	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	35M	35M	12.000	12.000	12.000	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	35M	53M	12.000	12.000	18.000	12.000	—	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	35M	70M	12.000	12.000	24.000	12.000	—	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	53M	53M	12.000	18.000	18.000	12.000	—	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

COOLING

Notes Pd = Pdesign CEA = Annual Energy Consumption

replaceable indoor unit with HYDRO-M hydronic module

Note: Hydraulic module and direct expansion indoor units cannot operate at the same time.

# COMBINATION TABLES

## Outdoor unit: MU2-Y 105M (QUADRI)

MULTISplit	OUTDOOR UNIT	INDOOR UNIT				COOLING CAPACITY [KW]				TOTAL COOLING CAPACITY [KW]			POWER INPUT COOLING [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	CEA [kWh]	
COOLING	MU2-Y 105M (1x4)	20M	20M	20M	20M	2,05	2,05	2,05	2,05	3,69	8,20	10,55	0,88	2,29	3,27	3,83	9,96	14,20	3,58	A++	6,10	8,20	470	
		8.000	8.000	8.000	8.000	1,98	1,98	1,98	2,55	3,69	8,50	11,61	0,88	2,47	3,43	3,83	10,74	14,91	3,44	A++	6,10	8,50	488	
		20M	20M	20M	27M	2,02	2,02	2,02	3,45	3,69	9,50	12,66	0,88	2,86	3,85	3,83	12,44	16,76	3,32	A++	6,10	9,50	545	
		8.000	8.000	8.000	12.000	1,87	1,87	1,87	4,80	3,69	10,40	13,72	0,88	3,22	3,98	3,83	14,00	17,33	3,23	A++	6,20	10,40	587	
		20M	20M	20M	53M	1,65	1,65	1,65	5,65	3,69	10,60	13,72	0,88	3,28	3,98	3,83	14,27	17,33	3,23	A++	6,20	10,60	598	
		8.000	8.000	8.000	24.000	1,97	1,97	2,53	2,53	3,69	9,00	12,66	0,88	2,71	3,85	3,83	11,79	16,76	3,32	A++	6,20	9,00	508	
		20M	20M	27M	35M	2,00	2,00	2,57	3,43	3,69	10,00	13,19	0,88	3,09	3,92	3,83	13,42	17,04	3,24	A++	6,20	10,00	565	
		8.000	8.000	9.000	12.000	1,81	1,81	2,33	4,65	3,69	10,60	13,72	0,88	3,28	3,98	3,83	14,27	17,33	3,23	A++	6,20	10,60	598	
		20M	20M	27M	53M	1,58	1,58	2,03	5,41	3,69	10,60	13,72	0,88	3,28	3,98	3,83	14,27	17,33	3,23	A++	6,20	10,60	598	
		8.000	8.000	9.000	24.000	1,95	1,95	3,35	3,35	3,69	10,60	13,72	0,88	3,28	3,98	3,83	14,27	17,33	3,23	A++	6,20	10,60	598	
		20M	20M	35M	53M	1,69	1,69	2,89	4,34	3,69	10,60	13,72	0,88	3,28	3,98	3,83	14,27	17,33	3,23	A++	6,20	10,60	598	
		8.000	8.000	12.000	18.000	1,48	1,48	3,82	3,82	3,69	10,60	13,72	0,88	3,28	3,98	3,83	14,27	17,33	3,23	A++	6,20	10,60	598	
		20M	20M	53M	53M	1,96	2,51	2,51	2,51	3,69	9,50	13,19	0,88	2,92	3,85	3,83	12,71	16,76	3,25	A++	6,20	9,50	536	
		8.000	9.000	9.000	9.000	2,01	2,58	2,58	3,44	3,69	10,60	13,72	0,88	3,28	3,98	3,83	14,27	17,33	3,23	A++	6,20	10,60	598	
		20M	27M	27M	53M	1,73	2,22	2,22	4,44	3,69	10,60	13,72	0,88	3,28	3,98	3,83	14,27	17,33	3,23	A++	6,20	10,60	598	
		8.000	9.000	9.000	18.000	1,51	1,95	1,95	5,19	3,69	10,60	13,72	0,88	3,28	3,98	3,83	14,27	17,33	3,23	A++	6,20	10,60	598	
		20M	27M	35M	35M	1,86	2,39	3,18	3,18	3,69	10,60	13,72	0,88	3,28	3,98	3,83	14,27	17,33	3,23	A++	6,20	10,60	598	
		8.000	9.000	12.000	12.000	1,61	2,07	2,77	4,15	3,69	10,60	13,72	0,88	3,28	3,98	3,83	14,27	17,33	3,23	A++	6,20	10,60	598	
		20M	27M	53M	53M	1,43	1,83	3,67	3,67	3,69	10,60	13,72	0,88	3,28	3,98	3,83	14,27	17,33	3,23	A++	6,20	10,60	598	
		8.000	9.000	18.000	18.000	1,73	2,96	2,96	2,96	3,69	10,60	13,72	0,88	3,28	3,98	3,83	14,27	17,33	3,23	A++	6,20	10,60	598	
		20M	35M	35M	35M	1,51	2,60	2,60	3,89	3,69	10,60	13,72	0,88	3,28	3,98	3,83	14,27	17,33	3,23	A++	6,20	10,60	598	
		8.000	12.000	12.000	18.000	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	27M	27M	35M	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	
		9.000	9.000	9.000	12.000	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	27M	27M	53M	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	
		9.000	9.000	9.000	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	27M	35M	35M	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	
		9.000	12.000	12.000	12.000	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	
		27M	35M	35M	35M	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	
		9.000	12.000	12.000	18.000																			

Notes Pd = Pdesign CEA = Annual Energy Consumption

replaceable indoor unit with HYDRO-M hydronic module

Note: Hydraulic module and direct expansion indoor units cannot operate at the same time.

# COMBINATION TABLES

## Outdoor unit: MU2-Y 105M (QUADRI)

OUTDOOR UNIT	INDOOR UNIT				HEATING CAPACITY [KW]				TOTAL HEATING 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	CEA [kWh]	
MU2-Y 105M (1x4)	20M 8.000	—	—	—	3,00	—	—	—	1,58	3,00	3,20	0,45	0,81	1,01	1,96	3,52	4,39	3,71	—	—	—	—	
	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	
	MU2-Y 105M (1x2)	20M 8.000	20M 8.000	—	—	2,45	3,15	—	—	2,22	5,60	6,54	0,54	1,51	1,99	2,35	6,56	8,65	3,71	A	3,40	3,88	1596
20M 8.000		27M 9.000	—	—	2,21	3,79	—	—	2,22	6,00	6,86	0,54	1,62	2,13	2,35	7,03	9,27	3,71	A	3,40	4,34	1787	
20M 8.000		35M 12.000	—	—	2,24	5,76	—	—	2,22	8,00	8,44	0,54	2,16	2,50	2,35	9,38	10,88	3,71	A	3,40	4,65	1915	
20M 8.000		53M 18.000	—	—	2,17	7,43	—	—	2,22	9,60	10,23	0,54	2,59	2,67	2,35	11,25	11,62	3,71	A	3,40	4,65	1915	
20M 8.000		70M 24.000	—	—	3,00	3,00	—	—	2,22	6,00	6,86	0,54	1,62	2,13	2,35	7,03	9,27	3,71	A	3,40	6,20	2553	
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	
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	
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	

MULTISplit

Notes Pd = Pdesign CEA = Annual Energy Consumption

replaceable indoor unit with HYDRO-M hydronic module

Note: Hydraulic module and direct expansion indoor units cannot operate at the same time.

# COMBINATION TABLES

## Outdoor unit: MU2-Y 105M (QUADRI)

MULTISplit

OUTDOOR UNIT	INDOOR UNIT			HEATING CAPACITY [KW]				TOTAL HEATING 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	CEA [kWh]
MU2-Y 105M (1x3)	20M	20M	20M	—	2,50	2,50	2,50	—	2,85	7,50	7,39	0,68	2,02	2,56	2,97	8,79	11,13	3,71	A	3,60	8,40	3267
	8.000	8.000	8.000	—	2,37	2,37	3,05	—	2,85	7,80	7,91	0,68	2,10	2,70	2,97	9,14	11,75	3,71	A	3,60	5,81	2260
	20M	20M	35M	—	2,29	2,29	3,92	—	2,85	8,50	8,97	0,68	2,29	2,84	2,97	9,96	12,36	3,71	A	3,60	6,05	2351
	8.000	8.000	12.000	—	2,34	2,34	6,02	—	2,85	10,70	11,61	0,68	2,88	3,13	2,97	12,54	13,60	3,71	A	3,60	6,59	2562
	20M	20M	70M	—	1,97	1,97	6,76	—	2,85	10,70	11,61	0,68	2,88	3,13	2,97	12,54	13,60	3,71	A	3,60	6,59	2562
	8.000	8.000	24.000	—	2,38	3,06	3,06	—	2,85	8,50	8,97	0,68	2,29	2,84	2,97	9,96	12,36	3,71	A	3,60	8,60	3344
	20M	27M	35M	—	2,50	3,21	4,29	—	2,85	10,00	10,02	0,68	2,70	2,99	2,97	11,72	12,98	3,71	A	3,60	6,59	2562
	8.000	9.000	12.000	—	2,20	2,83	5,66	—	2,85	10,70	11,61	0,68	2,88	3,13	2,97	12,54	13,60	3,71	A	3,60	7,75	3014
	20M	27M	53M	—	1,87	2,41	6,42	—	2,85	10,70	11,61	0,68	2,88	3,13	2,97	12,54	13,60	3,71	A	3,60	7,75	3014
	8.000	9.000	18.000	—	2,28	3,91	3,91	—	2,85	10,10	10,55	0,68	2,72	2,99	2,97	11,84	12,98	3,71	A	3,60	8,60	3344
	20M	35M	35M	—	2,02	3,47	5,21	—	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
	8.000	12.000	18.000	—	1,74	2,99	5,97	—	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
	20M	53M	53M	—	1,74	4,48	4,48	—	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
	8.000	18.000	18.000	—	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
	9.000	9.000	9.000	—	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	27M	53M	—	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
	9.000	9.000	18.000	—	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	27M	70M	—	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
	9.000	12.000	12.000	—	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	27M	70M	—	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
	9.000	12.000	24.000	—	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
	27M	53M	53M	—	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
	12.000	12.000	12.000	—	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	35M	70M	—	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
	12.000	12.000	24.000	—	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
	35M	53M	53M	—	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
	12.000	18.000	18.000																			

Notes Pd = Pdesign CEA = Annual Energy Consumption

replaceable indoor unit with HYDR0-M hydronic module

Note: Hydraulic module and direct expansion indoor units cannot operate at the same time.



# COMBINATION TABLES

## Outdoor unit: MU2-Y 105M (QUADRI)

OUTDOOR UNIT	INDOOR UNIT				HEATING CAPACITY [KW]				TOTAL HEATING 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	CEA [kWh]
MU2-Y 105M (1x4)	20M 8.000	20M 8.000	20M 8.000	20M 8.000	2,50	2,50	2,50	2,50	3,69	10,00	10,55	0,77	2,70	2,84	3,34	11,72	12,36	3,71	A	3,80	8,60	3168
	20M 8.000	20M 8.000	20M 8.000	27M 9.000	2,36	2,36	2,36	3,03	3,69	10,10	11,08	0,77	2,72	2,99	3,34	11,84	12,98	3,71	A	3,80	7,75	2855
	20M 8.000	20M 8.000	20M 8.000	35M 12.000	2,31	2,31	2,31	3,96	3,69	10,90	11,61	0,77	2,94	3,13	3,34	12,77	13,60	3,71	A	3,80	8,50	3132
	20M 8.000	20M 8.000	20M 8.000	53M 18.000	1,99	1,99	1,99	5,12	3,69	11,10	12,66	0,77	2,99	3,70	3,34	13,01	16,07	3,71	A	3,80	8,80	3242
	20M 8.000	20M 8.000	20M 8.000	70M 24.000	1,73	1,73	1,73	5,92	3,69	11,10	12,66	0,77	2,99	3,70	3,34	13,01	16,07	3,71	A	3,80	8,80	3242
	20M 8.000	20M 8.000	27M 9.000	27M 9.000	2,38	2,38	3,07	3,07	3,69	10,90	11,61	0,77	2,94	3,13	3,34	12,77	13,60	3,71	A	3,80	8,80	3242
	20M 8.000	20M 8.000	27M 9.000	35M 12.000	2,22	2,22	2,85	3,81	3,69	11,10	12,13	0,77	2,99	3,41	3,34	13,01	14,84	3,71	A	3,80	8,80	3242
	20M 8.000	20M 8.000	27M 9.000	53M 18.000	1,90	1,90	2,44	4,87	3,69	11,10	12,66	0,77	2,99	3,70	3,34	13,01	16,07	3,71	A	3,80	8,80	3242
	20M 8.000	20M 8.000	27M 9.000	70M 24.000	1,65	1,65	2,13	5,67	3,69	11,10	12,66	0,77	2,99	3,70	3,34	13,01	16,07	3,71	A	3,80	8,80	3242
	20M 8.000	20M 8.000	35M 12.000	35M 12.000	2,04	2,04	3,51	3,51	3,69	11,10	12,66	0,77	2,99	3,70	3,34	13,01	16,07	3,71	A	3,80	8,80	3242
	20M 8.000	20M 8.000	35M 12.000	53M 18.000	1,77	1,77	3,03	4,54	3,69	11,10	12,66	0,77	2,99	3,70	3,34	13,01	16,07	3,71	A	3,80	8,80	3242
	20M 8.000	20M 8.000	53M 18.000	53M 18.000	1,55	1,55	4,00	4,00	3,69	11,10	12,66	0,77	2,99	3,70	3,34	13,01	16,07	3,71	A	3,80	8,80	3242
	20M 8.000	27M 9.000	27M 9.000	27M 9.000	2,29	2,94	2,94	2,94	3,69	11,10	12,13	0,77	2,99	3,27	3,34	13,01	14,22	3,71	A	3,80	8,80	3242
	20M 8.000	27M 9.000	27M 9.000	35M 12.000	2,10	2,70	2,70	3,60	3,69	11,10	12,66	0,77	2,99	3,70	3,34	13,01	16,07	3,71	A	3,80	8,80	3242
	20M 8.000	27M 9.000	27M 9.000	53M 18.000	1,81	2,32	2,32	4,65	3,69	11,10	12,66	0,77	2,99	3,70	3,34	13,01	16,07	3,71	A	3,80	8,80	3242
	20M 8.000	27M 9.000	27M 9.000	70M 24.000	1,59	2,04	2,04	5,44	3,69	11,10	12,66	0,77	2,99	3,70	3,34	13,01	16,07	3,71	A	3,80	8,80	3242
	20M 8.000	27M 9.000	35M 12.000	35M 12.000	1,94	2,50	3,33	3,33	3,69	11,10	12,66	0,77	2,99	3,70	3,34	13,01	16,07	3,71	A	3,80	8,80	3242
	20M 8.000	27M 9.000	35M 12.000	53M 18.000	1,69	2,17	2,90	4,34	3,69	11,10	12,66	0,77	2,99	3,70	3,34	13,01	16,07	3,71	A	3,80	8,80	3242
	20M 8.000	27M 9.000	53M 18.000	53M 18.000	1,49	1,92	3,84	3,84	3,69	11,10	12,66	0,77	2,99	3,70	3,34	13,01	16,07	3,71	A	3,80	8,80	3242
	20M 8.000	35M 12.000	35M 12.000	35M 12.000	1,81	3,10	3,10	3,10	3,69	11,10	12,66	0,77	2,99	3,70	3,34	13,01	16,07	3,71	A	3,80	8,80	3242
	20M 8.000	35M 12.000	35M 12.000	53M 18.000	1,59	2,72	2,72	4,08	3,69	11,10	12,66	0,77	2,99	3,70	3,34	13,01	16,07	3,71	A	3,80	8,80	3242
	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
	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

MULTISplit

Notes Pd = Pdesign CEA = Annual Energy Consumption

replaceable indoor unit with HYDRO-M hydronic module

Note: Hydraulic module and direct expansion indoor units cannot operate at the same time.

# COMBINATION TABLES

## Outdoor unit: MU2-Y 125M (PENTA)

OUTDOOR UNIT	INDOOR UNIT					COOLING CAPACITY [KW]					TOTAL COOLING CAPACITY [KW]			POWER INPUT COOLING [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	CEA [kWh]
MU2-Y 125M (1x1)	20M	—	—	—	—	2,00	—	—	—	—	1,66	2,00	2,90	0,45	1,02	1,28	1,96	4,44	5,56	3,22	—	—	—	—
	8.000	—	—	—	—	2,50	—	—	—	—	1,66	2,50	3,20	0,45	1,28	1,60	1,96	5,56	6,94	3,20	—	—	—	—
	27M	—	—	—	—	3,50	—	—	—	—	1,66	3,50	3,90	0,45	1,79	2,15	1,96	7,78	9,33	3,18	—	—	—	—
	9.000	—	—	—	—	5,00	—	—	—	—	1,85	5,00	6,50	0,58	1,98	2,28	2,52	8,62	9,91	3,12	—	—	—	—
	35M	—	—	—	—	7,00	—	—	—	—	2,09	7,00	8,20	0,70	2,30	2,42	3,04	10,00	10,50	3,07	—	—	—	—
	12.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	53M	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
70M	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
24.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MU2-Y 125M (1x2)	20M	20M	—	—	—	2,10	2,10	—	—	—	2,34	4,20	7,38	0,65	1,49	2,21	2,81	6,49	9,60	3,16	A	5,10	4,20	288
	8.000	8.000	—	—	—	2,06	2,64	—	—	—	2,34	4,70	7,63	0,65	1,67	2,36	2,81	7,26	10,27	3,14	A	5,10	4,70	323
	20M	27M	—	—	—	2,03	3,47	—	—	—	2,34	5,50	8,00	0,65	1,95	2,55	2,81	8,50	11,09	3,12	A	5,10	5,50	377
	8.000	9.000	—	—	—	1,96	5,04	—	—	—	2,34	7,00	9,84	0,65	2,49	2,70	2,81	10,81	11,76	3,06	A	5,10	7,00	480
	20M	35M	—	—	—	2,05	7,05	—	—	—	2,34	9,10	11,69	0,65	3,23	3,05	2,81	14,06	13,25	3,01	A	5,10	9,10	625
	8.000	12.000	—	—	—	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
	20M	53M	—	—	—	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
	8.000	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
	20M	70M	—	—	—	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
	8.000	24.000	—	—	—	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
	27M	27M	—	—	—	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
	9.000	9.000	—	—	—	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
	27M	35M	—	—	—	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
	9.000	12.000	—	—	—	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	53M	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	9.000	18.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	27M	70M	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	9.000	24.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	35M	35M	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	12.000	12.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
35M	53M	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
12.000	18.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
35M	70M	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
12.000	24.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
53M	53M	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
18.000	18.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
53M	70M	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
18.000	24.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	

Notes Pd = Pdesign CEA = Annual Energy Consumption

# COMBINATION TABLES

## Outdoor unit: MU2-Y 125M (PENTA)

OUTDOOR UNIT	INDOOR UNIT					COOLING CAPACITY [KW]					TOTAL COOLING CAPACITY [KW]			POWER INPUT COOLING [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	CEA [kWh]
MU2-Y 125M (1x3)	20M 8.000	20M 8.000	20M 8.000	—	—	2,00	2,00	2,00	—	—	2,89	6,00	7,38	0,80	1,73	3,05	3,48	7,50	13,25	3,10	A	5,30	6,00	396
	20M 8.000	20M 8.000	27M 9.000	—	—	1,98	1,98	2,54	—	—	2,89	6,50	8,61	0,80	1,87	3,24	3,48	8,13	14,07	3,08	A	5,30	6,50	429
	20M 8.000	20M 8.000	35M 12.000	—	—	2,02	2,02	3,46	—	—	2,89	7,50	9,23	0,80	2,16	3,43	3,48	9,38	14,90	3,06	A	5,30	7,50	495
	20M 8.000	20M 8.000	53M 18.000	—	—	1,97	1,97	5,06	—	—	2,89	9,00	11,07	0,80	2,59	3,62	3,48	11,25	15,73	3,00	A	5,30	9,00	594
	20M 8.000	20M 8.000	70M 24.000	—	—	2,03	2,03	6,95	—	—	2,89	11,00	12,92	0,80	3,16	3,81	3,48	13,76	16,56	2,95	A	5,30	11,00	726
	20M 8.000	27M 9.000	27M 9.000	—	—	1,96	2,52	2,52	—	—	2,89	7,00	9,23	0,80	2,01	3,35	3,48	8,75	14,57	3,06	A	5,30	7,00	462
	20M 8.000	27M 9.000	35M 12.000	—	—	2,00	2,57	3,43	—	—	2,89	8,00	10,46	0,80	2,30	3,50	3,48	10,00	15,23	3,04	A	5,30	8,00	528
	20M 8.000	27M 9.000	53M 18.000	—	—	1,96	2,51	5,03	—	—	2,89	9,50	11,07	0,80	2,73	3,73	3,48	11,88	16,23	2,98	A	5,30	9,50	627
	20M 8.000	27M 9.000	70M 24.000	—	—	2,01	2,59	6,90	—	—	2,89	11,50	12,92	0,80	3,31	3,96	3,48	14,38	17,22	2,93	A	5,30	11,50	759
	20M 8.000	35M 12.000	35M 12.000	—	—	2,03	3,48	3,48	—	—	2,89	9,00	11,07	0,80	2,59	3,62	3,48	11,25	15,73	3,01	A	5,30	9,00	594
	20M 8.000	35M 12.000	53M 18.000	—	—	1,99	3,41	5,11	—	—	2,89	10,50	12,30	0,80	3,02	3,81	3,48	13,13	16,56	2,96	A	5,30	10,50	693
	20M 8.000	35M 12.000	70M 24.000	—	—	1,87	3,21	6,42	—	—	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
	20M 8.000	53M 18.000	53M 18.000	—	—	1,87	4,81	4,81	—	—	2,89	11,50	12,92	0,80	3,31	3,96	3,48	14,38	17,22	2,90	A	5,30	11,50	759
	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
	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

MULTISplit

COOLING

Notes Pd = Pdesign CEA = Annual Energy Consumption

# COMBINATION TABLES

## Outdoor unit: MU2-Y 125M (PENTA)

MULTISplit

OUTDOOR UNIT	INDOOR UNIT					COOLING CAPACITY [kW]					TOTAL COOLING CAPACITY [kW]			POWER INPUT COOLING [kW]			TOTAL COOLING CURRENT [A]			EER	SEASONAL EFFICIENCY (EN14825)				
						A	B	C	D	E	Min.	Std.	Max.	Min.	Std.	Max.	Min.	Std.	Max.						
	A	B	C	D	E	A	B	C	D	E	Min.	Std.	Max.	Min.	Std.	Max.	Min.	Std.	Max.	Class	SEER	Pd	CEA [kWh]		
MU2-Y 125M (1x4)	20M	20M	20M	20M	—	2,00	2,00	2,00	2,00	—	3,69	8,00	10,50	0,91	2,63	3,42	3,96	11,44	14,86	3,04	A+	5,60	8,00	500	
	8.000	8.000	8.000	8.000	—	1,98	1,98	1,98	2,55	—	3,69	8,50	11,07	0,91	2,81	3,61	3,96	12,23	15,68	3,02	A+	5,60	8,50	531	
	20M	20M	20M	27M	—	2,02	2,02	2,02	3,45	—	3,69	9,50	11,69	0,91	3,17	3,72	3,96	13,79	16,18	3,00	A+	5,60	9,50	594	
	8.000	8.000	8.000	9.000	—	2,06	2,06	2,06	5,31	—	3,69	11,50	12,30	0,91	3,91	4,18	3,96	17,00	18,16	2,94	A+	5,60	11,50	719	
	20M	20M	20M	35M	—	1,87	1,87	1,87	6,40	—	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	
	8.000	8.000	8.000	12.000	—	2,08	2,08	2,67	2,67	—	3,69	9,50	11,69	0,91	3,16	3,72	3,96	13,75	16,18	3,00	A+	5,60	9,50	594	
	20M	20M	27M	27M	—	2,00	2,00	2,57	3,43	—	3,69	10,00	12,30	0,91	3,36	4,18	3,96	14,60	18,16	2,98	A+	5,60	10,00	625	
	8.000	8.000	9.000	9.000	—	1,96	1,96	2,52	5,05	—	3,69	11,50	12,30	0,91	3,93	4,18	3,96	17,11	18,16	2,92	A+	5,60	11,50	719	
	20M	20M	27M	70M	—	1,79	1,79	2,30	6,13	—	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	
	8.000	8.000	9.000	24.000	—	1,93	1,93	3,32	3,32	—	3,69	10,50	12,92	0,91	3,56	4,18	3,96	15,48	18,16	2,95	A+	5,60	10,50	656	
	20M	20M	35M	53M	—	1,83	1,83	3,14	4,70	—	3,69	11,50	13,53	0,91	3,97	4,18	3,96	17,27	18,16	2,90	A+	5,60	11,50	719	
	8.000	8.000	12.000	18.000	—	1,74	1,74	2,98	5,95	—	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	
	20M	20M	35M	70M	—	1,74	1,74	4,46	4,46	—	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	
	8.000	8.000	18.000	18.000	—	1,55	1,55	3,99	5,31	—	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	
	20M	20M	53M	70M	—	2,06	2,65	2,65	2,65	—	3,69	10,00	12,30	0,91	3,35	4,18	3,96	14,56	18,16	2,99	A+	5,60	10,00	625	
	8.000	9.000	9.000	9.000	—	1,99	2,55	2,55	3,41	—	3,69	10,50	12,92	0,91	3,55	4,18	3,96	15,43	18,16	2,96	A+	5,60	10,50	656	
	20M	27M	27M	35M	—	1,87	2,41	2,41	4,81	—	3,69	11,50	13,53	0,91	3,96	4,18	3,96	17,21	18,16	2,91	A+	5,60	11,50	719	
	8.000	9.000	9.000	18.000	—	1,77	2,28	2,28	6,07	—	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	
	20M	27M	27M	70M	—	2,01	2,59	3,45	3,45	—	3,69	11,50	13,53	0,91	3,92	4,18	3,96	17,05	18,16	2,93	A+	5,60	11,50	719	
	8.000	9.000	12.000	12.000	—	1,83	2,35	3,13	4,70	—	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	
	20M	27M	35M	70M	—	1,67	2,15	2,86	5,72	—	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	
	8.000	9.000	12.000	24.000	—	1,67	2,15	4,29	4,29	—	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	
	20M	27M	53M	53M	—	1,50	1,92	3,85	5,13	—	3,69	12,40	13,53	0,91	4,27	4,37	3,96	18,56	18,98	2,91	A+	5,60	12,40	775	
	8.000	9.000	18.000	24.000	—	1,87	3,21	3,21	3,21	—	3,69	11,50	13,53	0,91	3,96	4,18	3,96	17,21	18,16	2,91	A+	5,60	11,50	719	
	20M	35M	35M	53M	—	1,71	2,94	2,94	4,41	—	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	
	8.000	12.000	12.000	18.000	—	1,58	2,71	2,71	5,41	—	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	
	20M	35M	53M	53M	—	1,58	2,71	4,06	4,06	—	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	
	8.000	12.000	18.000	18.000	—	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	27M	27M	27M	—	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	
	9.000	9.000	9.000	9.000	—	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	27M	27M	70M	—	2,19	2,19	2,19	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	
	9.000	9.000	9.000	24.000	—	2,46	2,46	3,29	3,29	—	3,69	11,50	13,53	0,91	3,95	4,18	3,96	17,16	18,16	2,91	A+	5,60	11,50	719	
	27M	27M	35M	53M	—	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	
	9.000	9.000	12.000	18.000	—	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	27M	53M	53M	—	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	
	9.000	9.000	18.000	18.000	—	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	35M	35M	53M	—	2,19	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	
	9.000	12.000	12.000	18.000	—	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	35M	53M	70M	—	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	
	9.000	12.000	18.000	18.000	—	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	35M	35M	53M	—	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	
	12.000	12.000	12.000	18.000	—					—															

COOLING

# COMBINATION TABLES

## Outdoor unit: MU2-Y 125M (PENTA)

COOLING	OUTDOOR UNIT	INDOOR UNIT					COOLING CAPACITY [KW]					TOTAL COOLING CAPACITY [KW]			POWER INPUT COOLING [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	CEA [kWh]
		20M 8.000	20M 8.000	20M 8.000	20M 8.000	20M 8.000	2,46	2,46	2,46	2,46	2,46	4,18	12,30	14,00	1,03	3,81	4,56	4,46	16,56	19,81		3,23	A++	6,10	12,30
		20M 8.000	20M 8.000	20M 8.000	20M 8.000	20M 9.000	2,33	2,33	2,33	2,33	2,99	4,18	12,30	14,00	1,03	3,81	4,56	4,46	16,56	19,81	3,23	A++	6,10	12,30	710
		20M 8.000	20M 8.000	20M 8.000	20M 8.000	20M 12.000	2,15	2,15	2,15	2,15	3,69	4,18	12,30	14,00	1,03	3,81	4,56	4,46	16,56	19,81	3,23	A++	6,10	12,30	710
		20M 8.000	20M 8.000	20M 8.000	20M 8.000	20M 18.000	1,87	1,87	1,87	1,87	4,81	4,18	12,30	14,00	1,03	3,81	4,56	4,46	16,56	19,81	3,23	A++	6,10	12,30	710
		20M 8.000	20M 8.000	20M 8.000	20M 8.000	20M 24.000	1,66	1,66	1,66	1,66	5,68	4,18	12,30	14,00	1,03	3,81	4,56	4,46	16,56	19,81	3,23	A++	6,10	12,30	710
		20M 8.000	20M 8.000	20M 8.000	20M 9.000	20M 9.000	2,21	2,21	2,21	2,84	2,84	4,18	12,30	14,00	1,03	3,81	4,56	4,46	16,56	19,81	3,23	A++	6,10	12,30	710
		20M 8.000	20M 8.000	20M 8.000	20M 9.000	20M 12.000	2,05	2,05	2,05	2,64	3,51	4,18	12,30	14,00	1,03	3,81	4,56	4,46	16,56	19,81	3,23	A++	6,10	12,30	710
		20M 8.000	20M 8.000	20M 8.000	20M 9.000	20M 18.000	1,79	1,79	1,79	2,31	4,61	4,18	12,30	14,00	1,03	3,81	4,56	4,46	16,56	19,81	3,23	A++	6,10	12,30	710
		20M 8.000	20M 8.000	20M 8.000	20M 9.000	20M 24.000	1,59	1,59	1,59	2,05	5,47	4,18	12,30	14,00	1,03	3,81	4,56	4,46	16,56	19,81	3,23	A++	6,10	12,30	710
		20M 8.000	20M 8.000	20M 8.000	20M 12.000	20M 12.000	1,91	1,91	1,91	3,28	3,28	4,18	12,30	14,00	1,03	3,81	4,56	4,46	16,56	19,81	3,23	A++	6,10	12,30	710
		20M 8.000	20M 8.000	20M 8.000	20M 12.000	20M 18.000	1,69	1,69	1,69	2,89	4,34	4,18	12,30	14,00	1,03	3,81	4,56	4,46	16,56	19,81	3,23	A++	6,10	12,30	710
		20M 8.000	20M 8.000	20M 8.000	20M 12.000	20M 24.000	1,51	1,51	1,51	2,59	5,18	4,18	12,30	14,00	1,03	3,81	4,56	4,46	16,56	19,81	3,23	A++	6,10	12,30	710
		20M 8.000	20M 8.000	20M 8.000	20M 18.000	20M 18.000	1,51	1,51	1,51	3,88	3,88	4,18	12,30	14,00	1,03	3,81	4,56	4,46	16,56	19,81	3,23	A++	6,10	12,30	710
		20M 8.000	20M 8.000	20M 9.000	20M 9.000	20M 9.000	2,10	2,10	2,70	2,70	2,70	4,18	12,30	14,00	1,03	3,81	4,56	4,46	16,56	19,81	3,23	A++	6,10	12,30	710
		20M 8.000	20M 8.000	20M 9.000	20M 9.000	20M 12.000	1,96	1,96	2,52	2,52	3,35	4,18	12,30	14,00	1,03	3,81	4,56	4,46	16,56	19,81	3,23	A++	6,10	12,30	710
		20M 8.000	20M 8.000	20M 9.000	20M 9.000	20M 18.000	1,72	1,72	2,21	2,21	4,43	4,18	12,30	14,00	1,03	3,81	4,56	4,46	16,56	19,81	3,23	A++	6,10	12,30	710
		20M 8.000	20M 8.000	20M 9.000	20M 9.000	20M 24.000	1,54	1,54	1,98	1,98	5,27	4,18	12,30	14,00	1,03	3,81	4,56	4,46	16,56	19,81	3,23	A++	6,10	12,30	710
		20M 8.000	20M 8.000	20M 9.000	20M 9.000	20M 35M	1,83	1,83	2,36	3,14	3,14	4,18	12,30	14,00	1,03	3,81	4,56	4,46	16,56	19,81	3,23	A++	6,10	12,30	710
		20M 8.000	20M 8.000	20M 9.000	20M 12.000	20M 18.000	1,62	1,62	2,09	2,78	4,18	4,18	12,30	14,00	1,03	3,81	4,56	4,46	16,56	19,81	3,23	A++	6,10	12,30	710
		20M 8.000	20M 8.000	20M 9.000	20M 18.000	20M 18.000	1,46	1,46	1,88	3,75	3,75	4,18	12,30	14,00	1,03	3,81	4,56	4,46	16,56	19,81	3,23	A++	6,10	12,30	710
		20M 8.000	20M 8.000	20M 12.000	20M 12.000	20M 12.000	1,72	1,72	2,95	2,95	2,95	4,18	12,30	14,00	1,03	3,81	4,56	4,46	16,56	19,81	3,23	A++	6,10	12,30	710
		20M 8.000	20M 8.000	20M 12.000	20M 12.000	20M 18.000	1,54	1,54	2,64	2,64	3,95	4,18	12,30	14,00	1,03	3,81	4,56	4,46	16,56	19,81	3,23	A++	6,10	12,30	710
		20M 8.000	20M 9.000	20M 9.000	20M 9.000	20M 9.000	2,00	2,57	2,57	2,57	2,57	4,18	12,30	14,00	1,03	3,81	4,56	4,46	16,56	19,81	3,23	A++	6,10	12,30	710
		20M 8.000	20M 9.000	20M 9.000	20M 9.000	20M 12.000	1,87	2,41	2,41	2,41	3,21	4,18	12,30	14,00	1,03	3,81	4,56	4,46	16,56	19,81	3,23	A++	6,10	12,30	710
		20M 8.000	20M 9.000	20M 9.000	20M 9.000	20M 18.000	1,66	2,13	2,13	2,13	4,26	4,18	12,30	14,00	1,03	3,81	4,56	4,46	16,56	19,81	3,23	A++	6,10	12,30	710
		20M 8.000	20M 9.000	20M 9.000	20M 9.000	20M 24.000	1,48	1,91	1,91	1,91	5,09	4,18	12,30	14,00	1,03	3,81	4,56	4,46	16,56	19,81	3,23	A++	6,10	12,30	710
		20M 8.000	20M 9.000	20M 9.000	20M 12.000	20M 12.000	1,76	2,26	2,26	3,01	3,01	4,18	12,30	14,00	1,03	3,81	4,56	4,46	16,56	19,81	3,23	A++	6,10	12,30	710
		20M 8.000	20M 9.000	20M 9.000	20M 12.000	20M 18.000	1,57	2,01	2,01	2,68	4,03	4,18	12,30	14,00	1,03	3,81	4,56	4,46	16,56	19,81	3,23	A++	6,10	12,30	710
		20M 8.000	20M 9.000	20M 12.000	20M 12.000	20M 12.000	1,66	2,13	2,84	2,84	2,84	4,18	12,30	14,00	1,03	3,81	4,56	4,46	16,56	19,81	3,23	A++	6,10	12,30	710
		20M 8.000	20M 9.000	20M 12.000	20M 12.000	20M 18.000	1,48	1,91	2,54	2,54	3,82	4,18	12,30	14,00	1,03	3,81	4,56	4,46	16,56	19,81	3,23	A++	6,10	12,30	710
		20M 8.000	20M 12.000	20M 12.000	20M 12.000	20M 12.000	1,57	2,68	2,68	2,68	2,68	4,18	12,30	14,00	1,03	3,81	4,56	4,46	16,56	19,81	3,23	A++	6,10	12,30	710
		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	27M 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	27M 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	27M 12.000	27M 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	27M 12.000	27M 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	27M 12.000	27M 12.000	27M 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	27M 12.000	27M 12.000	27M 12.000	27M 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

MULTISplit

Notes Pd = Pdesign CEA = Annual Energy Consumption

# COMBINATION TABLES

## Outdoor unit: MU2-Y 125M (PENTA)

MULTISplit

OUTDOOR UNIT	INDOOR UNIT					HEATING CAPACITY [KW]					TOTAL HEATING 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	CEA [kWh]	
MU2-Y 125M (1x1)	20M	8.000	—	—	—	2,50	—	—	—	—	1,66	2,50	2,90	0,45	0,67	0,83	1,96	2,90	3,62	3,71	—	—	—	—	
	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	—	—	—	—	
	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	—	—	—	—	
	20M	20M	8.000	8.000	—	—	2,50	2,50	—	—	—	2,34	5,00	7,38	0,56	1,32	1,92	2,45	5,72	8,36	3,71	B	3,00	5,10	2380
	20M	27M	8.000	9.000	—	—	2,45	3,15	—	—	—	2,34	5,60	7,63	0,56	1,47	2,06	2,45	6,41	8,94	3,71	B	3,00	5,70	2660
	20M	35M	8.000	12.000	—	—	2,21	3,79	—	—	—	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
20M	53M	8.000	18.000	—	—	2,24	5,76	—	—	—	2,34	8,00	9,84	0,56	2,11	2,35	2,45	9,15	10,23	3,71	B	3,00	8,10	3780	
20M	70M	8.000	24.000	—	—	2,21	7,59	—	—	—	2,34	9,80	11,69	0,56	2,58	2,65	2,45	11,21	11,53	3,71	B	3,00	8,50	3967	
27M	27M	9.000	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	35M	9.000	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	
27M	53M	9.000	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	70M	9.000	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	35M	12.000	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	53M	12.000	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	70M	12.000	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	53M	18.000	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	70M	18.000	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	

HEATING

Notes Pd = Pdesign CEA = Annual Energy Consumption

# COMBINATION TABLES

## Outdoor unit: MU2-Y 125M (PENTA)

OUTDOOR UNIT	INDOOR UNIT					HEATING CAPACITY [KW]					TOTAL HEATING 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	CEA [kWh]
MU2Y 125M (1x3)	20M 8.000	20M 8.000	20M 8.000	—	—	2,50	2,50	2,50	—	—	2,89	7,50	8,61	0,70	1,95	2,65	3,03	8,47	11,53	3,71	B	3,20	7,30	3194
	20M 8.000	20M 8.000	27M 9.000	—	—	2,37	2,37	3,05	—	—	2,89	7,80	9,23	0,70	2,03	2,82	3,03	8,81	12,25	3,71	B	3,20	7,40	3238
	20M 8.000	20M 8.000	35M 12.000	—	—	2,29	2,29	3,92	—	—	2,89	8,50	9,84	0,70	2,21	2,98	3,03	9,60	12,97	3,71	B	3,20	7,50	3281
	20M 8.000	20M 8.000	53M 18.000	—	—	2,52	2,52	6,47	—	—	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
	20M 8.000	20M 8.000	70M 24.000	—	—	2,21	2,21	7,58	—	—	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
	20M 8.000	27M 9.000	27M 9.000	—	—	2,38	3,06	3,06	—	—	2,89	8,50	9,84	0,70	2,21	2,92	3,03	9,60	12,68	3,71	B	3,20	7,50	3281
	20M 8.000	27M 9.000	35M 12.000	—	—	2,50	3,21	4,29	—	—	2,89	10,00	12,30	0,70	2,60	3,05	3,03	11,29	13,26	3,71	B	3,20	8,00	3500
	20M 8.000	27M 9.000	53M 18.000	—	—	2,37	3,04	6,09	—	—	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
	20M 8.000	27M 9.000	70M 24.000	—	—	2,10	2,70	7,20	—	—	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
	20M 8.000	35M 12.000	35M 12.000	—	—	2,48	4,26	4,26	—	—	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
	20M 8.000	35M 12.000	53M 18.000	—	—	2,18	3,73	5,59	—	—	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
	20M 8.000	35M 12.000	70M 24.000	—	—	1,95	3,35	6,70	—	—	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
	20M 8.000	53M 18.000	53M 18.000	—	—	1,95	5,02	5,02	—	—	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
	20M 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
	20M 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
	20M 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
	20M 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
	20M 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
	20M 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
	20M 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
	20M 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
	20M 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
	20M 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
	20M 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
	20M 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
	20M 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
	20M 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

MULTISplit

HEATING

# COMBINATION TABLES

## Outdoor unit: MU2-Y 125M (PENTA)

MULTISplit

OUTDOOR UNIT	INDOOR UNIT					HEATING CAPACITY [KW]					TOTAL HEATING CAPACITY [KW]			ABSORBED HEATING CAPACITY [KW]			TOTAL COOLING CURRENT [A]			COP	SEASONAL EFFICIENCY (EN14825)			
						A	B	C	D	E	Min.	Std.	Max.	Min.	Std.	Max.	Min.	Std.	Max.		Class	SCOP	Pd	CEA [kWh]
	A	B	C	D	E	A	B	C	D	E	Min.	Std.	Max.	Min.	Std.	Max.	Min.	Std.	Max.	Class	SCOP	Pd	CEA [kWh]	
MU2-Y 125M (1x4)	20M	20M	20M	20M	—	2,50	2,50	2,50	2,50	—	3,69	10,00	12,67	0,80	2,56	2,98	3,46	11,12	12,97	3,71	A	3,40	8,80	3624
	8.000	8.000	8.000	8.000	—	2,57	2,57	2,57	3,30	—	3,69	11,00	12,92	0,80	2,81	3,15	3,46	12,23	13,69	3,71	A	3,40	8,80	3624
	20M	20M	20M	27M	—	2,50	2,50	2,50	4,29	—	3,69	11,80	13,53	0,80	3,02	3,25	3,46	13,12	14,13	3,71	A	3,40	8,80	3624
	8.000	8.000	8.000	9.000	—	2,15	2,15	2,15	5,54	—	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
	20M	20M	20M	35M	—	1,91	1,91	1,91	6,56	—	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
	8.000	8.000	8.000	12.000	—	2,63	2,63	3,38	3,38	—	3,69	12,00	13,53	0,80	3,07	3,25	3,46	13,34	14,13	3,71	A	3,40	8,80	3624
	20M	20M	20M	53M	—	2,40	2,40	3,09	4,11	—	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
	8.000	8.000	8.000	18.000	—	2,35	2,35	2,63	5,27	—	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
	20M	20M	27M	70M	—	1,83	1,83	2,36	6,28	—	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
	8.000	8.000	9.000	24.000	—	2,21	2,21	3,79	3,79	—	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
	20M	20M	35M	35M	—	1,91	1,91	3,27	4,91	—	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
	8.000	8.000	12.000	12.000	—	1,72	1,72	2,95	5,90	—	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
	20M	20M	35M	70M	—	1,68	1,68	4,32	4,32	—	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
	8.000	8.000	18.000	18.000	—	1,54	1,54	3,95	5,27	—	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
	20M	20M	53M	70M	—	2,47	3,18	3,18	3,18	—	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
	8.000	9.000	9.000	9.000	—	2,27	2,92	2,92	3,89	—	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
	20M	27M	27M	35M	—	1,95	2,51	2,51	5,02	—	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
	8.000	9.000	9.000	18.000	—	1,76	2,26	2,26	6,02	—	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
	20M	27M	27M	70M	—	2,10	2,70	3,60	3,60	—	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
	8.000	9.000	12.000	12.000	—	1,83	2,35	3,13	4,70	—	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
	20M	27M	35M	53M	—	1,66	2,13	2,84	5,68	—	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
	8.000	9.000	12.000	24.000	—	1,62	2,38	4,15	4,15	—	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
	20M	27M	53M	70M	—	1,48	1,91	3,82	5,09	—	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
	8.000	9.000	18.000	24.000	—	1,95	3,35	3,35	3,35	—	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
	20M	35M	35M	35M	—	1,71	2,94	2,94	4,41	—	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
	8.000	12.000	12.000	18.000	—	1,57	2,68	2,68	5,37	—	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
	20M	35M	53M	53M	—	1,53	2,62	3,93	3,93	—	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
	8.000	12.000	18.000	18.000	—	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	27M	27M	35M	—	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
	9.000	9.000	9.000	9.000	—	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	27M	27M	70M	—	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
	9.000	9.000	9.000	24.000	—	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	27M	35M	35M	—	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
	9.000	9.000	12.000	18.000	—	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	27M	53M	53M	—	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
	9.000	9.000	18.000	18.000	—	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	35M	35M	35M	—	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
	9.000	12.000	12.000	18.000	—	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	35M	53M	53M	—	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
	9.000	12.000	18.000	18.000	—	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	35M	35M	35M	—	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	
12.000	12.000	12.000	12.000	—					—															
35M	35M	35M	53M	—					—															
12.000	12.000	12.000	18.000	—					—															

HEATING

Notes Pd = Pdesign CEA = Annual Energy Consumption



# COMBINATION TABLES

## Outdoor unit: MU2-Y 125M (PENTA)

OUTDOOR UNIT	INDOOR UNIT					HEATING CAPACITY [kW]					TOTAL HEATING 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	CEA [kWh]
MU2-Y 125M (x5)	20M 8.000	20M 8.000	20M 8.000	20M 8.000	20M 8.000	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
	20M 8.000	20M 8.000	20M 8.000	20M 8.000	27M 9.000	2,33	2,33	2,33	2,33	2,99	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
	20M 8.000	20M 8.000	20M 8.000	20M 8.000	35M 12.000	2,15	2,15	2,15	2,15	3,69	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
	20M 8.000	20M 8.000	20M 8.000	20M 8.000	53M 18.000	1,87	1,87	1,87	1,87	4,81	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
	20M 8.000	20M 8.000	20M 8.000	20M 8.000	70M 24.000	1,66	1,66	1,66	1,66	5,68	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
	20M 8.000	20M 8.000	20M 8.000	27M 9.000	27M 9.000	2,21	2,21	2,21	2,84	2,84	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
	20M 8.000	20M 8.000	20M 8.000	27M 9.000	35M 12.000	2,35	2,35	2,35	2,64	3,51	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
	20M 8.000	20M 8.000	20M 8.000	27M 9.000	53M 18.000	1,79	1,79	1,79	2,31	4,61	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
	20M 8.000	20M 8.000	20M 8.000	27M 9.000	70M 24.000	1,59	1,59	1,59	2,35	5,47	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
	20M 8.000	20M 8.000	20M 8.000	27M 9.000	35M 12.000	1,91	1,91	1,91	3,28	3,28	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
	20M 8.000	20M 8.000	20M 8.000	35M 12.000	53M 18.000	1,69	1,69	1,69	2,89	4,34	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
	20M 8.000	20M 8.000	20M 8.000	35M 12.000	70M 24.000	1,51	1,51	1,51	2,59	5,18	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
	20M 8.000	20M 8.000	20M 8.000	53M 18.000	53M 18.000	1,51	1,51	1,51	3,88	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
	20M 8.000	20M 8.000	27M 9.000	27M 9.000	27M 9.000	2,10	2,10	2,70	2,70	2,70	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
	20M 8.000	20M 8.000	27M 9.000	27M 9.000	35M 12.000	1,96	1,96	2,52	2,52	3,35	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
	20M 8.000	20M 8.000	27M 9.000	27M 9.000	53M 18.000	1,72	1,72	2,21	2,21	4,43	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
	20M 8.000	20M 8.000	27M 9.000	27M 9.000	70M 24.000	1,54	1,54	1,98	1,98	5,27	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
	20M 8.000	20M 8.000	27M 9.000	35M 12.000	35M 12.000	1,83	1,83	2,36	3,14	3,14	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
	20M 8.000	20M 8.000	27M 9.000	35M 12.000	53M 18.000	1,62	1,62	2,39	2,78	4,18	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
	20M 8.000	20M 8.000	27M 9.000	53M 18.000	53M 18.000	1,46	1,46	1,88	3,75	3,75	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
	20M 8.000	20M 8.000	35M 12.000	35M 12.000	35M 12.000	1,72	1,72	2,95	2,95	2,95	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
	20M 8.000	20M 8.000	35M 12.000	35M 12.000	53M 18.000	1,54	1,54	2,64	2,64	3,95	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
	20M 8.000	27M 9.000	27M 9.000	27M 9.000	27M 9.000	2,30	2,57	2,57	2,57	2,57	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
	20M 8.000	27M 9.000	27M 9.000	27M 9.000	35M 12.000	1,87	2,41	2,41	2,41	3,21	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
	20M 8.000	27M 9.000	27M 9.000	27M 9.000	53M 18.000	1,66	2,13	2,13	2,13	4,26	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
	20M 8.000	27M 9.000	27M 9.000	27M 9.000	70M 24.000	1,48	1,91	1,91	1,91	5,09	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
	20M 8.000	27M 9.000	27M 9.000	35M 12.000	35M 12.000	1,76	2,26	2,26	3,01	3,01	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
	20M 8.000	27M 9.000	27M 9.000	35M 12.000	53M 18.000	1,57	2,31	2,31	2,68	4,03	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
	20M 8.000	27M 9.000	35M 12.000	35M 12.000	35M 12.000	1,66	2,13	2,84	2,84	2,84	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
	20M 8.000	27M 9.000	35M 12.000	35M 12.000	53M 18.000	1,48	1,91	2,54	2,54	3,82	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
	20M 8.000	35M 12.000	35M 12.000	35M 12.000	35M 12.000	1,57	2,68	2,68	2,68	2,68	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	27M 9.000	<b>2,46</b>	<b>2,46</b>	<b>2,46</b>	<b>2,46</b>	<b>2,46</b>	<b>4,18</b>	<b>12,30</b>	<b>14,94</b>	<b>0,90</b>	<b>3,32</b>	<b>4,14</b>	<b>3,89</b>	<b>14,41</b>	<b>18,02</b>	<b>3,71</b>	<b>A</b>	<b>3,80</b>	<b>9,80</b>	<b>3611</b>
	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

MULTISplit

Notes Pd = Pdesign CEA = Annual Energy Consumption

# Light Commercial



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 configuration for a more comfortable environment
- ✓ Can be managed with Wi-Fi, Centralised controllers, data converters or BMS systems

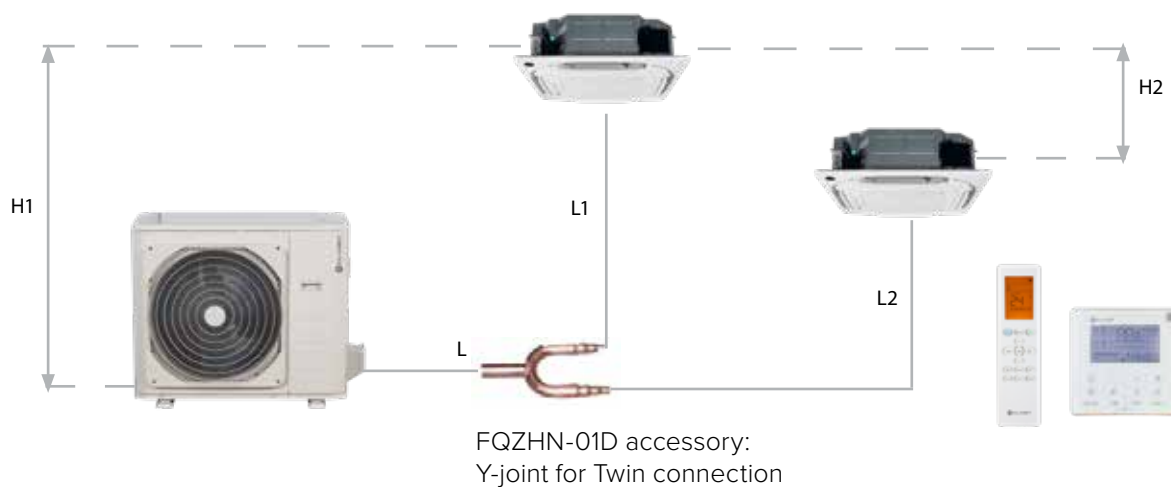
## OUTDOOR/INDOOR UNIT COMBINATION

OUTDOOR UNIT	INDOOR UNITS																						
	COMPACT 4-WAY CASSETTE			4-WAY CASSETTE						DUCT						CONSOLE			CEILING & FLOOR				
	BOX 2 650x650			BOX 2 950x950						DUCT 2						CONSOLE 3			CEILING & FLOOR 2				
	IB3-XY			IA3-XY						ID3-XY						IC3-Y			IF3-XY				
	35M	53M	70M	88M	105M	120M	140M	160M	35M	53M	70M	88M	105M	120M	140M	160M	35M	53M	53M	70M	105M	140M	160M
ODU-SL 2	•								•								•						
MC3-Y 35M																							
MC3-Y 53M		•								•								•	•				
MC3-Y 70M			•						T		•									•			
MC3-Y 88M				•								•											
MC3-Y 105M					•					T			•							T		•	
MC3-Y 120M						•								•									
MC3-Y 105T					•					T			•							T		•	
MC3-Y 140T			T					•							•						T		•
MC3-Y 160T				T								T				•							•

T = Compatible with TWIN system

# A COMPLETE SYSTEM FOR LIGHT COMMERCIAL APPLICATIONS

## TWIN CONFIGURATION FOR IMPROVED AIR DISTRIBUTION IN THE ROOM



		[m]	
Piping length	Total length	65	L+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
	IA3-XY 88M	IA3-XY 88M	MC3-Y 160T
+	ID3-XY 35M	ID3-XY 35M	MC3-Y 70T
	ID3-XY 53M	ID3-XY 53M	MC3-Y 105M/105T
	ID3-XY 70M	ID3-XY 70M	MC3-Y 140T
	ID3-XY 88M	ID3-XY 88M	MC3-Y 160T
+	IF3-XY 53M	IF3-XY 53M	MC3-Y 105M/105T
	IF3-XY 70M	IF3-XY 70M	MC3-Y 140T

Note:  
SET THE INDOOR UNITS

Set the SW5 switch



FOR SETTING MAIN-SLAVE				
SW1	<input type="checkbox"/> ON <input type="checkbox"/> 1 2	<input type="checkbox"/> ON <input type="checkbox"/> 1 2	<input type="checkbox"/> ON <input type="checkbox"/> 1 2	<input type="checkbox"/> ON <input type="checkbox"/> 1 2
CODE	MAIN NO SLAVE	MAIN	MAIN	SLAVE

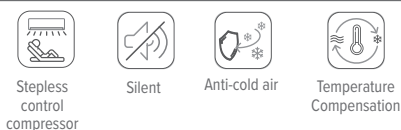
1 2

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)

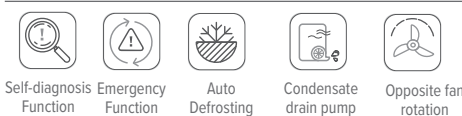
# BOX 2 650x650 35M ÷ 53M



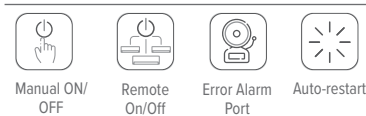
## COMFORT



## RELIABILITY



## CONVENIENCE



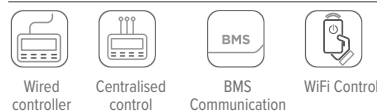
## ENERGY SAVING



## HEALTH



## OPTIONAL



## technical data

Set		35M		53M		
Cooling capacity	Standard (Min.=Max.)	Btu/h	12.000 (2.900÷14.000)	18.000 (9.900÷19.000)		
	Standard (Min.=Max.)	kW	3,52 (0,85÷4,11)	5,28 (2,90÷5,59)		
Heating capacity	Standard (Min.=Max.)	Btu/h	13.000 (1.600÷14.700)	19.000 (8.100÷20.800)		
	Standard (Min.=Max.)	kW	3,81 (0,47÷4,31)	5,57 (2,37÷6,10)		
Standard power supply	Cooling (Min.=Max.)	W	1.010 (168÷1.434)	1.630 (720÷2.088)		
	Eating (Min.=Max.)	W	1.020 (124÷1.376)	1.540 (700÷1.930)		
Rated current input	Cooling (Min.=Max.)	A	4,45 (1,32÷6,31)	7,2 (3,20÷9,20)		
	Eating (Min.=Max.)	A	4,73 (1,04÷6,07)	6,80 (3,10÷8,50)		
Seasonal efficiency <sup>1</sup>	Cooling	Energy class	-	A++		
		Design load (Pdesign)	kW	3,50	5,30	
		SEER	-	6,10	6,10	
		Annual energy consumption	kWh/a	186	294	
	Average season	Energy class	-	A+		
		Design load (Pdesign)	kW	2,70	4,20	
		SCOP	-	4,00	4,00	
		Annual energy consumption	kWh/a	922	1.470	
		Energy class	-	A+++		
		SCOP	-	5,10	4,80	
Standard efficiency <sup>2</sup>	EER	-	3,48			
	COP	-	3,74			

Indoor unit		IB3-XY		35M		53M	
Article code	Unit	L x D x H	mm	89102297		89102233	
Dimensions	Packaging (Unit)	L x D x H	mm	570x570x260		570x570x260	
	Panel	L x D x H	mm	662x662x317		662x662x317	
	Packaging (Panel)	L x D x H	mm	647x647x50		647x647x50	
	Unit / Packaging	L x D x H	mm	715x715x123		715x715x123	
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			
Airflow		Hi/Mi/Lo	m <sup>3</sup> /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		-	RG10A-D2S-BGEF			
	Settable temperature		°C	16÷30			
Power supply	Voltage/Frequency/Phases		V/Hz/n°	230 / 50 / 1			

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

<sup>2</sup> 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

Outdoor unit			MC3-Y	35M	53M
Article code				89092252	89112214
Dimensions	Unit	L x D x H	mm	765x303x555	805x330x554
	Packaging	L x D x H	mm	887x337x610	915x370x615
Weight	Unit / Packaging		kg	26,6/29,0	32,5/35,2
Sound power		Nominal	dB(A)	62	65
Sound pressure level		Nominal	dB(A)	54,0	56
Operating Voltage Range	Cooling	Indoor T.	°C		16÷32
		Outdoor T.	°CBS		-15÷50
	Heating	Indoor T.	°C		0÷30
Outdoor T.		°CBU			-15÷24
Refrigerant	Type/GWP				R-32 / 675
Power supply	Voltage/Frequency/Phases		V/Hz/n°		230 / 50 / 1

## refrigerant piping and connections

Set			35M	53M
Max equivalent length		m	25	30
Max difference in level ODU / IDU		m	±10	±20
Refrigerant precharge		kg / m	0,72 / 5	1,15 / 5
External diameters	Liquid	mm / inch	Φ6,35 - 1/4"	Φ6,35 - 1/4"
	Gas	mm / inch	Φ9,52 - 3/8"	Φ12,7 - 1/2"

## electrical connections

Set			35M	53M
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	1	1

## accessoires

Standard	
<b>RG10A-D2S-BGEF</b>	Infrared remote control for indoor units CRISTALLO 2 / EZCool / BOX 2 / CONSOLE 3 / DUCT 2 / C&F 2
Optionals	
<b>T-MBQ4-03B4</b>	Panel for Box 2 650x650, 360° air delivery, round hole grill (Mandatory accessory, to be selected separately)
<b>WF-60A1-C</b>	Smart port kit for the hiwall indoor unit management via Wi-Fi (it includes the adaptor and the USB key)
<b>Control systems</b>	(learn more at Control System page)

# BOX 2 950x950 70M ÷ 160M



## COMFORT



Stepless control compressor



Silent



6-grades outdoor Fan speed



Anti-cold air



Temperature Compensation

## RELIABILITY



Self-diagnosis Function



Emergency Function



Auto Defrosting



Technical room conditioning



Condensate drain pump



Opposite fan rotation

## CONVENIENCE



Manual ON/OFF



Remote On/Off



Error Alarm Port



Louver Position Memory



Auto-restart

## ENERGY SAVING



Sleep



Gear

## HEALTH



Fresh Air



i-Clean

## OPTIONAL



Wired controller



Centralised control



BMS Communication



WiFi Control



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



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



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



**REMOTE CONTROL**  
RG10A-D2S-BGEF  
(standard)



IA3-XY

MC3-Y

## technical data

Set			70M	88M	105M	120M	105T	140T	160T
Cooling capacity	Standard (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)
	Standard (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	Standard (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)
	Standard (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	Standard (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)	5.000 (800÷5.900)
	Heating	Standard (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)	5.550 (1.020÷6.700)
Standard current input	Cooling	Standard (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)
	Heating	Standard (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)
Seasonal efficiency <sup>1</sup>	Cooling	Energy class	-	A++	A++	A++	A++	A++	A++
		Design load (Pdesign)	kW	7,00	8,80	10,5	12,1	10,5	14,0
	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
	Heating	Energy class	-	A+	A+	A+	A+	A+	A+
		Design load (Pdesign)	kW	6,00	7,80	8,50	9,50	8,20	11,2
Average season	SCOP	-	4,00	4,00	4,00	4,00	4,00	4,00	
Warmer season	Annual energy consumption	kWh/a	2.100	2.467	2.975	3.275	2.870	3.860	4.190
Standard efficiency <sup>2</sup>	Heating	Energy class	-	A+++	A+++	A+++	A+++	A+++	A+++
	Warmer season	SCOP	-	5,10	5,10	5,10	5,10	5,10	5,10
Standard efficiency <sup>2</sup>	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

## Indoor unit

		IA3-XY	70M	88M	105M	120M	105M	140M	160M
Article code			88072256	89102215	89102221	89112233	89102221	89122256	89132225
Dimensions	Unit	L x D x H	mm	830x830x205	830x830x245	830x830x245	830x830x287	830x830x245	830x830x287
	Packaging (Unit)	L x D x H	mm	910x910x250	910x910x290	910x910x290	910x910x330	910x910x290	910x910x330
	Panel	L x D x H	mm	950x950x55	950x950x55	950x950x55	950x950x55	950x950x55	950x950x55
	Packaging (Panel)	L x D x H	mm	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
	Panel / Packaging		kg				6,00/9,00		
Air filter	Type						R/W		
Airflow		Hi/Mid/Lo	m <sup>3</sup> /h	1247/1118/992	1700/1530/1300	1700/1530/1300	1900/1750/1600	1700/1530/1300	1900/1750/1600
Sound power		Hi	dB(A)	59	63	64	66	64	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
Control systems	Infrared remote control		-				RG10A-D2S-BGEF		
	Settable temperature		°C				16÷30		
Power supply	Voltage/Frequency/Phases		V/Hz/n°				230 / 50 / 1		

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

<sup>2</sup> 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

Outdoor unit				MC3-Y	70M	88M	105M	120M	105T	140T	160T
Article code					89092257	89112230	89092274	87032230	89122200	88072255	89102239
Dimensions	Unit	L x D x H	mm		890x342x673	946x410x810	946x410x810	946x410x810	946x410x810	952x415x1333	952x415x1333
	Packaging	L x D x H	mm		995x398x740	1090x500x885	1090x500x885	1090x500x885	1090x500x885	1095x495x1480	1095x495x1480
Weight	Unit / Packaging		kg		43,9/46,9	52,8/57,3	66,9/71,5	71,0/75,0	80,5/85,0	103,7/118,3	107,0/121,2
Sound power		Nominal	dB(A)		69	70	70	72	70	74	75
Sound pressure level		Nominal	dB(A)		60	62	63	63	63	64	64
		Indoor T.	°C					16÷32			
Operating Voltage Range	Cooling	Outdoor T.	°CBS					-15÷50			
		Indoor T.	°C					0÷30			
	Heating	Indoor T.	°C								
		Outdoor T.	°CBU					-15÷24			
Refrigerant	Type/GWP		-					R-32 / 675			
Power supply	Voltage/Frequency/Phases		V/Hz/n°			230 / 50 / 1				400 / 50 / 3 + N	

## refrigerant piping and connections

Set				70M	88M	105M	120M	105T	140T	160T
Max equivalent length		m		50	50	75	75	75	75	75
Max difference in level ODU / IDU		m		±25	±25	±30	±30	±30	±30	±30
Refrigerant precharge		kg / m		1,5 / 5	2,0 / 5	2,4 / 5	2,8 / 5	2,4 / 5	2,9 / 5	3,0 / 5
External diameters	Liquid	mm / inch		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		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				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	400 / 50 / 3	400 / 50 / 3	400 / 50 / 3
		no. of cables		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
		no. of cables / cross-section		2 + G	2 + G	2 + G	2 + G	2 + G	2 + G	2 + G
	Signal	no. of cables / cross-section		1	1	1	1	1	1	1

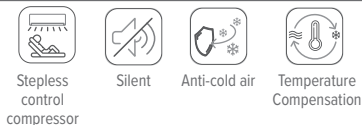
## accessoires

Standard	
<b>RG10A-D2S-BGEF</b>	Infrared remote control for indoor units CRISTALLO 2 / EZCool / BOX 2 / CONSOLE 3 / DUCT 2 / C&F 2
Optionals	
<b>T-MBQ4-04B</b>	Panel for Box 2 950x950, 360° air delivery, round hole grill (Mandatory accessory, to be selected separately)
<b>KFR-120Q-EDFJB-B</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)

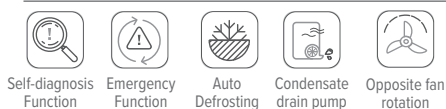
# DUCT 2 35M ÷ 160M



## COMFORT



## RELIABILITY



## CONVENIENCE



## ENERGY SAVING



## HEALTH



## OPTIONAL



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



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



REMOTE CONTROL  
RG10A-D2S-BGFE  
(standard)



ID3-XY

MC3-Y

## technical data

Set			35M	53M	70M	88M	105M	120M	105T	140T	160T	
Cooling capacity	Standard (Min.÷Max.)	Btu/h	12.000 (1.800÷13.600)	18.000 (8.700÷20.000)	24.000 (11.200÷27.800)	30.000 (7.600÷33.600)	36.000 (9.400÷38.000)	41.000 (10.000÷42.000)	36.000 (9.300÷40.200)	48.000 (12.000÷53.000)	52.000 (14.000÷59.000)	
	Standard (Min.÷Max.)	kW	3,52 (0,53÷4,00)	5,28 (2,55÷5,86)	7,03 (3,28÷8,16)	8,79 (2,23÷9,85)	10,6 (2,75÷11,1)	12,0 (2,93÷12,3)	10,6 (2,73÷11,8)	14,1 (3,52÷15,5)	15,2 (4,10÷17,3)	
Heating capacity	Standard (Min.÷Max.)	Btu/h	13.000 (3.400÷15.000)	19.000 (7.500÷21.000)	26.000 (9.600÷29.000)	32.000 (9.200÷34.200)	40.000 (9.500÷43.600)	46.000 (11.500÷48.000)	40.000 (9.500÷43.800)	55.000 (14.000÷62.000)	62.000 (15.000÷70.000)	
	Standard (Min.÷Max.)	kW	3,81 (1,00÷4,39)	5,57 (2,20÷6,15)	7,62 (2,81÷8,49)	9,38 (2,70÷10,0)	11,7 (2,78÷12,8)	13,5 (3,37÷14,1)	11,7 (2,78÷12,8)	16,1 (4,10÷18,2)	18,2 (4,40÷20,5)	
Standard power supply	Cooling	Standard (Min.÷Max.)	W	1.053 (155÷1.373)	1.530 (710÷2.150)	2.190 (750÷2.960)	2.500 (190÷3.050)	3.950 (900÷4.150)	4.200 (680÷4.500)	4.000 (890÷4.200)	4.800 (880÷6.000)	5.250 (1.030÷6.650)
	Heating	Standard (Min.÷Max.)	W	1.038 (302÷1.390)	1.510 (740÷1.760)	1.900 (640÷2.580)	2.250 (430÷2.450)	3.250 (800÷3.950)	3.450 (750÷4.100)	3.250 (780÷4.000)	4.500 (950÷5.700)	5.150 (950÷6.600)
Standard current input	Cooling	Standard (Min.÷Max.)	A	4,75 (1,30÷6,09)	7,10 (3,20÷9,56)	10,2 (4,20÷13,2)	11,0 (2,00÷13,5)	17,5 (4,20÷18,5)	18,8 (3,10÷19,8)	6,50 (1,40÷6,70)	8,40 (1,90÷10,4)	9,60 (3,10÷11,5)
	Heating	Standard (Min.÷Max.)	A	4,52 (1,48÷6,15)	6,80 (3,30÷7,70)	9,20 (3,80÷11,6)	10,0 (3,00÷10,7)	14,5 (3,50÷17,5)	15,5 (3,40÷18,3)	5,30 (1,30÷6,40)	8,00 (2,00÷9,80)	9,05 (2,00÷11,5)
Seasonal efficiency <sup>1</sup>	Cooling	Energy class	-	A++	A++	A++	A++	A++	A++	A++	A++	
		Design load (Pdesign)	kW	3,50	5,30	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	6,10	6,10
	Heating	Annual energy consumption	kWh/a	197	291	401	474	593	700	608	811	900
		Energy class	-	A+	A+	A+	A+	A+	A+	A+	A+	A+
		Design load (Pdesign)	kW	2,60	4,30	5,40	8,00	8,40	9,50	8,80	11,5	12,5
Average season	SCOP	-	4,00	4,00	4,00	4,00	4,00	4,00	4,00	4,00	4,00	
	Annual energy consumption	kWh/a	945	1.505	1.890	2.800	2.940	3.350	3.080	4.025	4.390	
Warmer season	Energy class	-	A+++	A+++	A+++	A+++	A+++	A+++	A+++	A++	A+++	
	SCOP	-	5,10	5,10	5,10	5,10	5,10	5,10	5,10	5,00	5,10	
Standard efficiency <sup>2</sup>	EER	-	3,34	3,45	3,23	3,52	3,27	2,86	3,28	2,93	2,90	
	COP	-	3,71	3,71	4,01	4,17	3,71	3,91	3,71	3,58	3,53	



Indoor unit			ID3-XY	35M	53M	70M	88M	105M	120M	105M	140M	160M
Article code				89092219	89132211	89102201	89112238	89112241	87032229	89112241	89112243	89092248
Dimensions	Unit	L x D x H	mm	700x450x200	880x600x210	1100x700x249	1360x700x249	1360x700x249	1200x800x300	1360x700x249	1200x800x300	1200x800x300
	Packaging (Unit)	L x D x H	mm	860x540x285	1070x725x280	1305x805x315	1570x805x330	1570x805x330	1405x915x365	1570x805x330	1405x915x365	1405x915x365
Weight	Unit / Packaging		kg	17,8/21,5	24,4/29,6	32,3/39,1	40,5/48,3	40,5/48,2	47,6/55,8	40,5/48,2	47,6/55,8	47,4/56,1
Air filter	Type		-						R/W			
Air flow rate		Hi/Mid/Lo	m <sup>3</sup> /h	600/480/300	911/706/515	1229/1035/825	2100/1800/1500	2100/1800/1500	2400/2040/1680	2100/1800/1500	2400/2040/1680	2600/2210/1820
External static pressure		Std (Min~Max)	Pa	25 (0÷60)	25 (0÷100)	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)	58	58	62	64	61	67	61	66	66
Sound pressure level		Hi/Mid/Lo	dB(A)	35/32/30	42/39/35	49/46/41	51/48/46	50/48/46	52/49/48	51/49/47	52/49/47	53/49/47
Control systems	Infrared remote control		-						RG10A-D2S-BGEF			
	Settable temperature		°C						16÷30			
Power supply	Voltage/Frequency/Phases		V/Hz/n°						230 / 50 / 1			

<sup>1</sup> SEER and SCOP data, relative energy ratings and annual energy consumption in conformity to the EN 14825 standard measurement.  
<sup>2</sup> 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

Outdoor unit			MC3-Y	35M	53M	70M	88M	105M	120M	105T	140T	160T
Article code				89092252	89112214	89092257	89112230	89092274	87032230	89122200	88072255	89102239
Dimensions	Unit	L x D x H	mm	765x303x555	805x330x554	890x342x673	946x410x810	946x410x810	946x410x810	946x410x810	952x415x1333	952x415x1333
	Packaging	L x D x H	mm	887x337x610	915x370x615	995x398x740	1090x500x885	1090x500x885	1090x500x885	1090x500x885	1095x495x1480	1095x495x1480
Weight	Unit / Packaging		kg	26,6/29,0	32,5/35,2	43,9/46,9	52,8/57,3	66,9/71,5	71,0/75,0	80,5/85,0	103,7/118,3	107,0/121,2
Sound power		Nominal	dB(A)	62	65	69	70	70	72	70	74	75
Sound pressure level		Nominal	dB(A)	54	56	60	62	63	63	63	64	64
Operating Voltage Range	Cooling	Indoor T.	°C						16÷32			
		Outdoor T.	°CBS						-15÷50			
	Heating	Indoor T.	°C						0÷30			
		Outdoor T.	°CBU						-15÷24			
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	

## 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	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	2 + 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

## accessoires

Standard	
<b>RG10A-D2S-BGEF</b>	Infrared remote control for indoor units CRISTALLO 2 / EZCool / BOX 2 / CONSOLE 3 / DUCT 2 / C&F 2
Optionals	
<b>WF-60A1-C</b>	Smart port kit for the hiwall indoor unit management via Wi-Fi (it includes the adaptor and the USB key)
<b>Control systems</b>	(learn more at Control System page)

# CONSOLE 3 35M ÷ 53M



## COMFORT



Stepless Indoor Fan Speed



Anti-cold air



Temperature Compensation



Multidirectional airflow

## RELIABILITY



Self-diagnosis Function



Emergency Function

## CONVENIENCE



Remote On/Off



Timer



Auto-restart

## ENERGY SAVING



Sleep



Gear

## OPTIONAL



Wired controller



Centralised control



BMS Communication



WiFi Control

## HEALTH



High Density filter



Cold Catalyst filter



Wi-Fi NWMX  
(optional)



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



REMOTE CONTROL  
RG10A-D2S-BGEF  
(standard)



IC3-Y



MC3-Y

## technical data

Set				35M	53M	
Cooling capacity	Standard (Min.=Max.)	Btu/h		12.000 (2.600÷14.500)	17.000 (9.000÷19.000)	
	Standard (Min.=Max.)	kW		3,52 (0,76÷4,25)	4,98 (2,64÷5,57)	
Heating capacity	Standard (Min.=Max.)	Btu/h		13.000 (1.550÷16.000)	18.000 (7.500÷21.500)	
	Standard (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)	
	Eating (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)	
	Eating (Min.=Max.)	A		4,43 (1,25÷5,95)	6,40 (2,75÷8,50)	
Seasonal efficiency <sup>1</sup>	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	Heating	Energy class	-	A+++	A++
		Warmer season	SCOP	-	5,50	5,00
Standard efficiency <sup>2</sup>	EER	-	-	3,52	3,32	
	COP	-	-	3,89	3,72	

Indoor unit				IC3-Y	35M	53M
Article code	Unit	L x D x H	mm		89472266	89472269
Dimensions	Packaging (Unit)	L x D x H	mm		794x206x621	794x206x621
	Unit / Packaging		kg		865x280x719	865x280x719
Weight					14,9/18,8	14,9/18,8
Air filter	Type					R/W
Airflow		Hi/Mi/Lo	m <sup>3</sup> /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
	Settable temperature		°C		16÷30	
Power supply	Voltage/Frequency/Phases		V/Hz/n°		230 / 50 / 1	

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

<sup>2</sup> 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

Outdoor unit			MC3-Y	35M	53M
Article code				89092252	89112214
Dimensions	Unit	L x D x H	mm	765x303x555	805x330x554
	Packaging	L x D x H	mm	887x337x610	915x370x615
Weight	Unit / Packaging		kg	26,6/29,0	32,5/35,2
Sound power		Nominal	dB(A)	62	65
Sound pressure level		Nominal	dB(A)	54	56
Operating Voltage Range	Cooling	Indoor T.	°C		16÷32
		Outdoor T.	°CBS		-15÷50
	Heating	Indoor T.	°C		0÷30
		Outdoor T.	°CBU		-15÷24
Refrigerant	Type/GWP		-	R-32 / 675	
Power supply	Voltage/Frequency/Phases		V/Hz/n°	230 / 50 / 1	

## refrigerant piping and connections

Set			35M	53M
Max equivalent length		m	25	30
Max difference in level ODU / IDU		m	±10	±20
Refrigerant precharge		kg / m	0,72 / 5	1,15 / 5
External diameters	Liquid	mm / inch	Φ6,35 - 1/4"	Φ6,35 - 1/4"
	Gas	mm / inch	Φ9,52 - 3/8"	Φ12,7 - 1/2"

## electrical connections

Set			35M	53M
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	1	1

## accessoires

Standard	
<b>RG10A-D2S-BGEF</b>	Infrared remote control for indoor units CRISTALLO 2 / EZCool / BOX 2 / CONSOLE 3 / DUCT 2 / C&F 2
Optionals	
<b>NWMX</b>	Wi-fi kit for indoor units
<b>MKCX</b>	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) <i>The ON-OFF/Alarm/XYE/Wi-Fi port functions can be used simultaneously</i>
Control systems	(learn more at Control System page)

# CEILING & FLOOR 2 53M ÷ 160M



## COMFORT



Stepless control compressor



Silent



Anti-cold air



Multi-directional Airflow



Temperature Compensation

## RELIABILITY



Self-diagnosis Function



Emergency Function



Auto Defrosting



Opposite fan rotation

## CONVENIENCE



Remote On/Off



Error Alarm Port



Auto Restart

## ENERGY SAVING



Sleep



Gear

## HEALTH



Fresh Air



i-Clean

## OPTIONAL



Wired controller



Centralised control



BMS Communication



WiFi Control



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



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



REMOTE CONTROL  
RG10A-D2S-BGEF  
(standard)



IF3-XY



MC3-Y

## technical data

Set			53M	70M	105M	105T	140T	160T	
Cooling capacity	Standard (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)	
	Standard (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	Standard (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)	
	Standard (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 (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)	
	Eating (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)	
Rated current input	Cooling (Min.=Max.)	A	6,00 (3,20÷9,00)	10,5 (3,90÷13,1)	17,0 (4,20÷19,0)	17,0 (4,20÷19,0)	8,80 (1,40÷6,80)	9,70 (3,20÷11,5)	
	Eating (Min.=Max.)	A	6,60 (2,70÷7,30)	9,50 (3,50÷12,7)	15,0 (3,5~17,5)	15,0 (3,5~17,5)	8,80 (1,30÷6,20)	10,5 (2,20÷12,0)	
Seasonal efficiency <sup>1</sup>	Cooling	Energy class	-	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+	
		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+++		
	SCOP	-	5,10	5,10	5,10	5,10	5,10	5,10	
Standard efficiency <sup>2</sup>	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	

## Indoor unit

			IF3-XY	53M	70M	105M	105M	140M	160M
Article 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								
Airflow		Hi/Mi/Lo	m <sup>3</sup> /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								
	Settable temperature		°C						
Power supply	Voltage/Frequency/Phases		V/Hz/n°	230 / 50 / 1					

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

<sup>2</sup> 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

Outdoor unit			MC3-Y	53M	70M	105M	105T	140T	160T
Article code				89112214	89092257	89092274	89122200	88072255	89102239
Dimensions	Unit	L x D x H	mm	805x330x554	890x342x673	946x410x810	946x410x810	952x415x1333	952x415x1333
	Packaging	L x D x H	mm	915x370x615	995x398x740	1090x500x885	1090x500x885	1095x495x1480	1095x495x1480
Weight	Unit / Packaging		kg	32,5/35,2	43,9/46,9	66,9/71,5	80,5/85,0	103,7/118,3	107,0/121,2
Sound power		Nominal	dB(A)	65	69	70	70	74	75
Sound pressure level		Nominal	dB(A)	56	60	63	63	64	64
Operating Voltage Range	Cooling	Indoor T.	°C				16÷32		
		Outdoor T.	°CBS				-15÷50		
	Heating	Indoor T.	°C				0÷30		
		Outdoor T.	°CBU				-15÷24		
Refrigerant	Type/GWP		-			R-32 / 675			
Power supply	Voltage/Frequency/Phases		V/Hz/n°		230 / 50 / 1			400 / 50 / 3 + N	

## refrigerant piping and connections

Set			53M	70M	105M	105T	140T	160T
Lunghezza equivalente max		m	30	50	75	75	75	75
Dislivello max ODU / IDU		m	±20	±25	±30	±30	±30	±30
Prearica refrigerante		kg / m	1,15 / 5	1,5 / 5	2,4 / 5	2,4 / 5	2,9 / 5	3,0 / 5
Diametri esterni	Liquido	mm / inch	Φ6,35 - 1/4"	Φ9,52 - 3/8"	Φ9,52 - 3/8"	Φ9,52 - 3/8"	Φ9,52 - 3/8"	Φ9,52 - 3/8"
	Gas	mm / inch	Φ12,7 - 1/2"	Φ15,9 - 5/8"	Φ15,9 - 5/8"	Φ15,9 - 5/8"	Φ15,9 - 5/8"	Φ15,9 - 5/8"

## electrical connections

Set			53M	70M	105M	105T	140T	160T
ODU	Power supply	V/Hz/n°	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	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
		no. of cables	2 + G	2 + G	2 + G	2 + G	2 + G	2 + G
	Signal	no. of cables	1	1	1	1	1	1

## accessories

<b>Standard</b>	
<b>RG10A-D2S-BGEF</b>	Infrared remote control for indoor units CRISTALLO 2 / EZCool / BOX 2 / CONSOLE 3 / DUCT 2 / C&F 2
<b>Optionals</b>	
<b>WF-60A1-C</b>	Smart port kit for the hiwall indoor unit management via Wi-Fi (it includes the adaptor and the USB key)
<b>Control systems</b>	(learn more at Control System page)

# ACCESSORIES AND CONTROL SYSTEMS

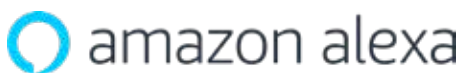


## Voice control: Even smarter management

Wall mounted models are now compatible with a new possibility for intelligent management: the Voice Control. Simply install the NetHome Plus skill in the Amazon Alexa or Google Assistant voice assistants to turn on and adjust the air conditioner.

If you have more than one indoor unit, open the NetHome Plus App from your Smartphone and rename them as you prefer (e.g. kitchen air conditioner): you can control all of them by calling them by name.

Try these functions:



- Alexa, turn on the living room air conditioner
- Alexa, set the kitchen air conditioner in Cooling mode
- Alexa, set the living room air conditioner in Dehumidification
- Alexa, set the air conditioner at 26 degrees
- Alexa, set the living room air conditioner at low speed

Try these functions:



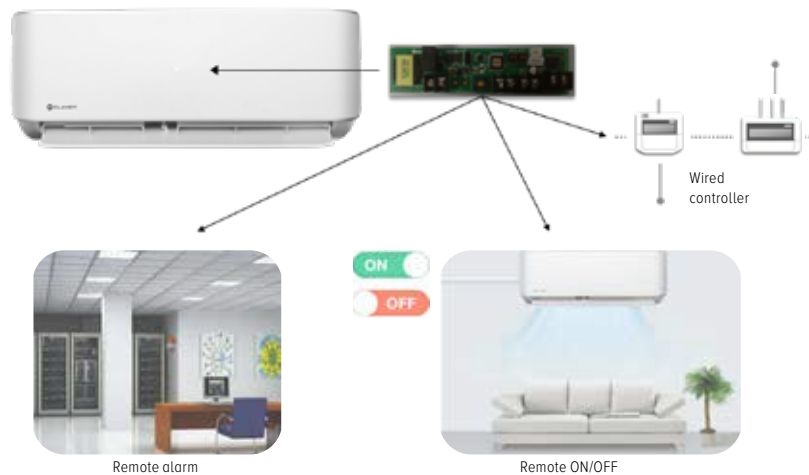
- OK Google, turn on the living room air conditioner
- OK Google, set the kitchen air conditioner in Cooling mode
- OK Google, set the living room air conditioner in Dehumidification
- OK Google, set the air conditioner at 26 degrees
- OK Google, set the living room air conditioner at low speed

# ACCESSORIES AND CONTROL 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)
- ▶ Wired centralisers (CCM30-B / CCM-180A/WS / CCM-270A/WS)
- ▶ Communication systems based on the following protocols: Modbus, LonWorks and BACnet (IMMP-BAC(A), CCM18A, CCM18ANU, CCM-18A/N(A)).



	REMOTE ON/OFF	REMOTE ALARM	XYE PORT (COMMUNICATION)	CONTEMPORARY MANAGEMENT TO WI-FI
<b>MBLCX</b> (STELVIO)	●	●	●	●
<b>MKSS2X</b> (CRISTALLO 2)	●	●	●	●
<b>MKSSX</b> (CRISTALLO)	●	●	●	●
<b>MKCX</b> (CONSOLE 3)	●	●	●	●

**Note:**

● = all the functions can be used simultaneously

● = it is necessary to choose which function to use

# ACCESSORIES AND CONTROL SYSTEMS

## Individual control systems

### RG10A-D2S-BGEF

- ▶ Standard remote control for CRISTALLO 2 / EZCool / BOX 2 / CONSOLE 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



### RG10A4-D-BGEF

Standard remote controller for indoor units CRISTALLO, allows for managing all the basic functions:

- ▶ 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
- ▶ Self-cleaning: performs a cleaning cycle of the air conditioning unit's battery
- ▶ Turbo: conditions the air inside the room rapidly



### RG10P1-G2HS-BGEF

Standard remote controller for STELVIO units, also including the following 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-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 settings/day of ON/OFF, mode, temperature, ventilation)
- ▶ Settable set-point limitation
- ▶ Mode change lock
- ▶ Integrated remote control receiver
- ▶ Control of individual louvers on box unit





# ACCESSORIES AND CONTROL SYSTEMS



## 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 standard-supplied for STELVIO, CRISTALLO 2 and CRISTALLO.



*Note: To connect the Wi-Fi to the IDU that is not wall-mounted.*

*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:*



*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

#### Only with VRF:

- ▶ Timer

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



Note: the accessory works in combination with one of the standard IDU remote controls. The remote control must be selected separately. It is not possible to manage the accessory with a wired controller.

### CCM09 (to exhaustion)

Remote controller of a group (max. 64 units) or single units, allows for managing:

- ▶ ON/OFF - operating mode - temperature set-point - fan speed – automatic flaps oscillation
- ▶ Management of single unit / all units

#### Only with VRF:

- ▶ Unit error check
- ▶ Daily switch on / off timer
- ▶ Locking of single controllers
- ▶ Visualisation of function parameters
- ▶ Alarm visualisation
- ▶ Weekly scheduler

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



### CCM30-B

Remote controller of a group (max. 64 units) or single units with touch display, allows for managing:

- ▶ ON/OFF - operating mode - temperature set-point - fan speed – automatic flaps oscillation
- ▶ Management of single unit / all units

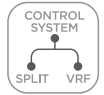
#### Only with VRF:

- ▶ Unit error check
- ▶ Daily switch on / off timer
- ▶ Reminder function for cleaning of the filters of the single units
- ▶ Locking of single controllers
- ▶ Visualisation of function parameters
- ▶ Alarm visualisation
- ▶ Filter cleaning reminder

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



# ACCESSORIES FOR HYDRONIC MODULE



## CCM-180A/WS

Group control (max. 64) or individual units with 6.2" 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)

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.

## 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



### 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 (SPLIT/VRF)





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	Modbus			LonWorks
	CCM18ANU	CCM18A	CCM-18A/N(A)	LonGW64
Compatible with VRF / SPLIT	●	●	●	●
Max. no. of connectible units	<b>16</b>	<b>64</b>	<b>64</b>	<b>32</b>
Management of basic functions (ON/OFF - Operating mode - Fan speed)	●	●	●	●
Reading of unit parameters	●	●	●	●










# ACCESSORIES

TYPE	APPEARANCE	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	<b>STELVIO</b> IH2-Y
		<i>PREVIEW</i> MKSS2X	89702342	Multifunction board that makes the indoor unit available for Remote ON / OFF 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	<b>CRISTALLO 2</b> IMA1-Y 27M+53M
		<i>PREVIEW</i> MKSS2X	90722306	Multifunction board that makes the indoor unit available for Remote ON / OFF 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	<b>CRISTALLO 2</b> IMA1-Y 70M
		MKSSX	87032221	Multifunction board that makes the indoor unit available for Remote ON / OFF, Alarm port and XYE Port (required for connection of Centralized wired controller, Data Converter, BMS Gateway) Only one function among ON-OFF/Alarm/XYE/Wi-Fi can be used simultaneously	<b>CRISTALLO</b> IM2-XY
		MKCX	90252203	Multifunction board that makes the indoor unit available for Remote ON / OFF 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	<b>CONSOLE 3</b> IC3-Y
Kit Wi-Fi		NWMX	89142201	Wi-Fi kit for indoor units	All series
		WF-60A1-C	89132263	Smart port kit for the hiwall indoor unit management via Wi-Fi (it includes the adaptor and the USB key) - 2022 version	<b>DUCT 2</b> ID3-XY <b>BOX 2 650x650</b> IB3-XY <b>CEILING &amp; FLOOR 2</b> 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)	<b>BOX 2 950x950</b> IA3-XY
Kit connection kit for TWIN systems		FQZHN-01D	87002254	Branch Joint kit for LCAC TWIN systems	<b>TWIN systems</b>

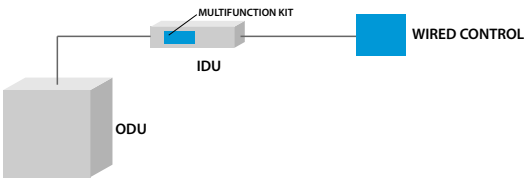
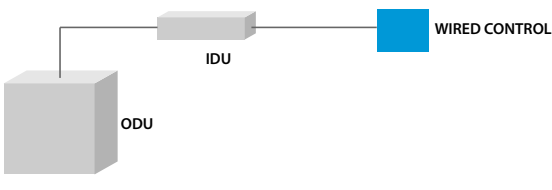
# CONTROL SYSTEMS

TYPE	APPEARANCE	MODEL	ARTICLE CODE	DESCRIPTION	COMPATIBLE SERIES
Infrared remote control		RG10P1-G2HS-BGEF -		Wireless remote controller for STELVIO indoor units of 2024 lineup	<b>STELVIO:</b> IH2-Y
		RG10A4-D-BGEF -		Infrared remote controller for indoor units of 2024 lineup	<b>CRISTALLO:</b> IM2-XY <b>NATIV:</b> IZ2-XY
		RG10A-D2S-BGEF -		Infrared remote controller for indoor units of 2024 lineup	<b>CRISTALLO 2:</b> IMA1-Y <b>EZCool:</b> ILA1-Y <b>DUCT 2:</b> ID3-XY <b>BOX 2:</b> IB3-XY <b>CONSOLE 3:</b> IC3-Y <b>CEILING &amp; FLOOR 2:</b> IF3-XY
Wired control for single unit		KJR-120X1-TFBG-E	87022244	Dual-way wired controller with weekly scheduler for hiwall indoor units	<b>STELVIO:</b> IH2-Y <b>CRISTALLO:</b> IM2-XY
		KJR-120X2-TFBG-E	87032231	Dual-way wired controller with weekly scheduler for DUCT 2, BOX 2, CONSOLE 3 o C&F 2	<b>CRISTALLO 2:</b> IMA1-Y <b>DUCT 2:</b> ID3-XY <b>BOX 2:</b> IB3-XY / IA3-XY <b>CONSOLE 3:</b> IC3-Y <b>CEILING &amp; FLOOR 2:</b> IF3-XY

# CONTROL SYSTEMS

TYPE	APPEARANCE	MODEL	ARTICLE CODE	DESCRIPTION	COMPATIBLE SERIES
Centralizer		<b>KJR-150A</b>	89132262	Control interface for group of indoor units, up to 16 indoor units <i>Not compatible with remote control KJR-120X1-TFBG-E e KJR-120X2-TFBG-E</i>	All series except <b>CRISTALLO 2</b> IMA1-Y <b>EZCOOL</b> ILA1-Y <b>CONSOLE 3</b> IC3-Y
		<b>CCM09</b> <i>ad esaurimento</i>	89162202	Wired centralizer with weekly scheduler, up to 64 indoor units	
		<b>CCM-180A/WS</b>	87012209	Wired centralizer with 6.2" touchscreen display with weekly scheduler, up to 64 indoor units.	
		<b>CCM-270A/WS</b>	87022268	Wired centralizer with 10.1" touchscreen display with weekly scheduler, LAN port, up to 384 indoor units. Compatible for mixed systems VRF + SPLIT	
Data converter		<b>CCM-15</b>	91332282	Data converter for management with Cloud, up to 64 internal units	
Gateway BMS		<b>LonGW64</b> <i>ad esaurimento</i>	89152293	LonWorks Gateway, up to 64 indoor units	
		<b>GW-LON(A)</b>	89142214 89142263	LonWorks Gateway, up to 64 indoor units	
		<b>CCM-18A/N(A)</b>	91332281	LonWorks Gateway, up to 64 indoor units	
		<b>IMMP-BAC(A)</b>	88082212	BACnet Gateway up to 256 indoor units	

# ACCESSORIES & CONTROL SYSTEMS COMBINATIONS

TYPE	CONNECTION SCHEME	COMPATIBLE SERIES
Wired control for single unit		<b>STELVIO</b> IH2-Y <b>CRISTALLO 2</b> IMA1-Y (MKSS2X) <b>CRISTALLO</b> IM2-XY (MKSSX) <b>CONSOLE 3</b> IC3-Y (MKCX)
	Required accessories Multifunction board Wired control	
		<b>DUCT 2</b> ID3-XY <b>BOX 2</b> IB3-XY IA3-XY <b>CEILING &amp; FLOOR 2</b> IF3-XY
	Required accessories Wired control	

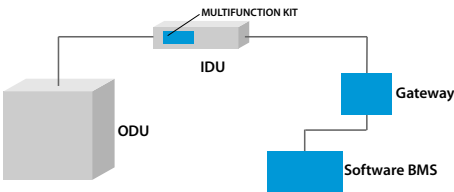
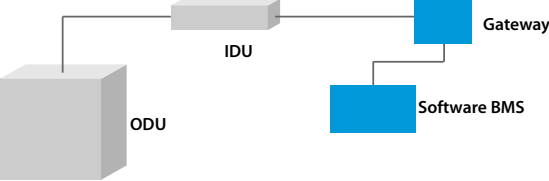
# ACCESSORIES & CONTROL SYSTEMS COMBINATIONS

TYPE	CONNECTION SCHEME	COMPATIBLE SERIES
Centralized controller or Control via Cloud (App or Web Server)		<b>STELVIO</b> IH2-XY <b>CRISTALLO</b> IM2-XY
	<b>Required accessories</b> Multifunction kit Centralizer Data converter	
-		<b>DUCT 2</b> ID3-XY <b>BOX 2</b> IB3-XY IA3-XY <b>CEILING &amp; FLOOR 2</b> IF3-XY
	<b>Required accessories</b> Centralizer Data converter	
Wi-Fi		<b>DUCT 2</b> ID3-XY <b>BOX 2 650x650</b> IB3-XY <b>CEILING &amp; FLOOR 2</b> IF3-XY
	<b>Required accessories</b> Smart port kit	
Wi-Fi		<b>BOX 2</b> 950x950 IA3-XY
	<b>Required accessories</b> Smart port kit	



# ACCESSORIES & CONTROL SYSTEMS COMBINATIONS

**TYPE**                      **CONNECTION SCHEME**                      **COMPATIBLE SERIES**

	 <p>The diagram shows an ODU connected to a Multifunction Kit, which is connected to an IDU. The IDU is connected to a Gateway, which is connected to Software BMS.</p>	<p><b>STELVIO</b> IH2-Y (MBLCX) <b>CRISTALLO</b> IM2-XY</p>
<p><b>Wired control for single unit</b></p>	<p>Required accessories</p> <p>Multifunction board Gateway Software BMS</p>  <p>The diagram shows an ODU connected to an IDU. The IDU is connected to a Gateway, which is connected to Software BMS.</p> <p>Required accessories</p> <p>Gateway Software BMS</p>	<p><b>DUCT 2</b> ID3-XY <b>BOX 2</b> IB3-XY IA3-XY <b>CEILING &amp; FLOOR 2</b> IF3-XY</p>

# COMPATIBILITY TABLE OF INDOOR / OUTDOOR UNIT

		STELVIO	SCHIARA	CRISTALLO		CRISTALLO 2
		MH2-Y	ME2-Y	MM1-Y	MM2-Y	MMA1-Y
STELVIO	IH2-Y	●	-	-	-	-
SCHIARA	IE2-Y	-	●	-	-	-
CRISTALLO	IM1-XY	-	-	●	-	-
	IM2-XY	-	-	-	●	-
CRISTALLO 2	IMA1-Y	-	-	-	-	●
ESSENTIAL	IL2-XY	-	-	-	-	-
	IL3-XY	-	-	-	-	-
EZCool	ILA1-Y	-	-	-	-	-
NATIV	IZ2-XY	-	-	-	-	-
BOX 650x650	IB3-XY	-	-	-	-	-
BOX 950x950	IA3-XY	-	-	-	-	-
DUCT	ID3-XY	-	-	-	-	-
CONSOLE	IC3-Y	-	-	-	-	-
C&F	IF3-XY	-	-	-	-	-
STANDING	IS3-XY	-	-	-	-	-
HYDRO-M	IHM1-Y	-	-	-	-	-

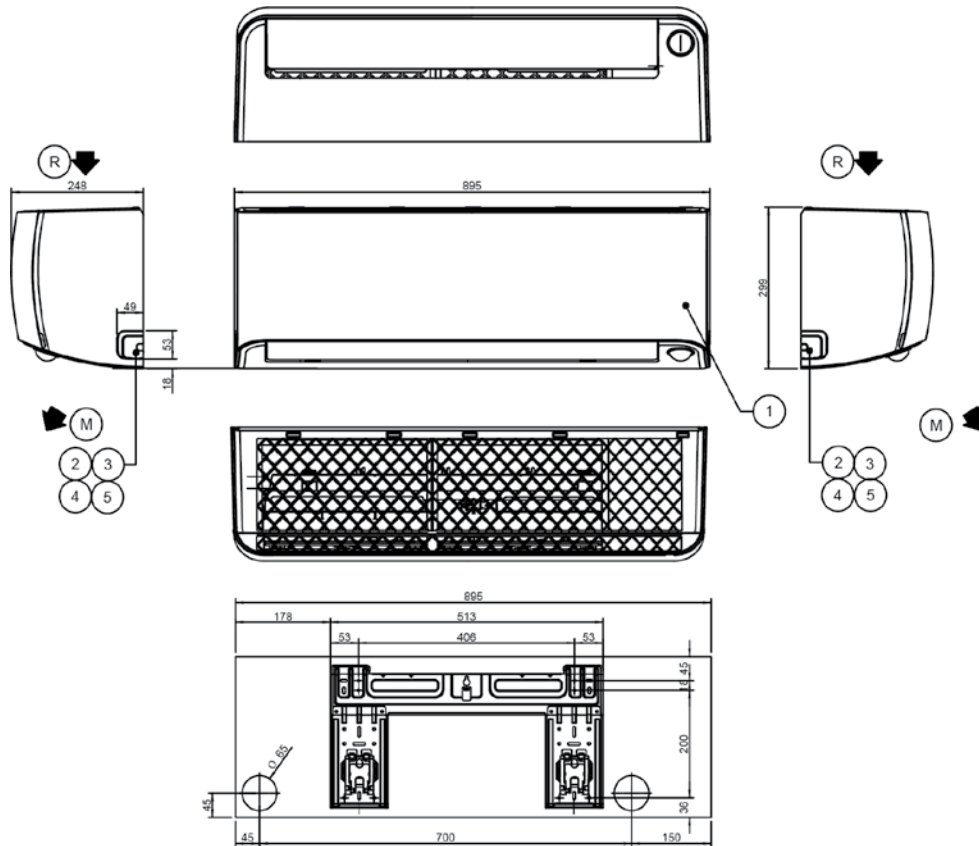
ESSENTIAL		EZCool	NATIV	ODU-SM 2		ODU-SL 2
ML2-Y	ML3-Y	MLA1-Y	MZ2-Y	MU1-Y	MU2-Y	MC3-Y
-	-	-	-	-	-	-
-	-	-	-	-	●	-
-	-	-	-	-	-	-
-	-	-	-	●	●	-
-	-	-	-	-	●	-
●	●	-	-	●	●	-
●	●	-	-	●	●	-
-	-	●	-	-	●	-
-	-	-	●	-	-	-
-	-	-	-	●	●	●
-	-	-	-	-	-	●
-	-	-	-	●	● (27M-70M)	● (NO 27M)
-	-	-	-	-	●	●
-	-	-	-	●	●	●
-	-	-	-	-	-	●
-	-	-	-	-	● (105M)	-

# DIMENSIONAL DRAWINGS

## SINGLESplit

### STELVIO - Indoor unit

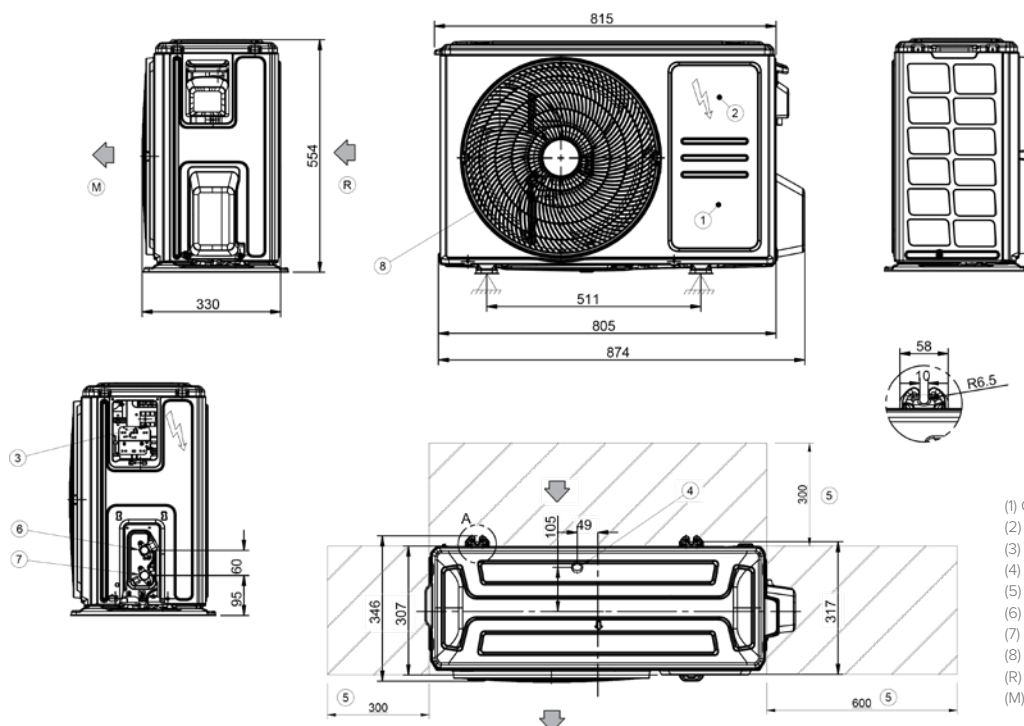
IH2-Y 27M ÷ 35M



- (1) Electrical panel
- (2) Liquid line (Ø 6,35mm)
- (3) Gas line (Ø 9,52 mm)
- (4) Water drainag (Ø 16mm)
- (5) Power input
- (M) Air supply
- (R) Air inlet

### STELVIO - Outdoor unit

MH2-Y 27M ÷ 35M



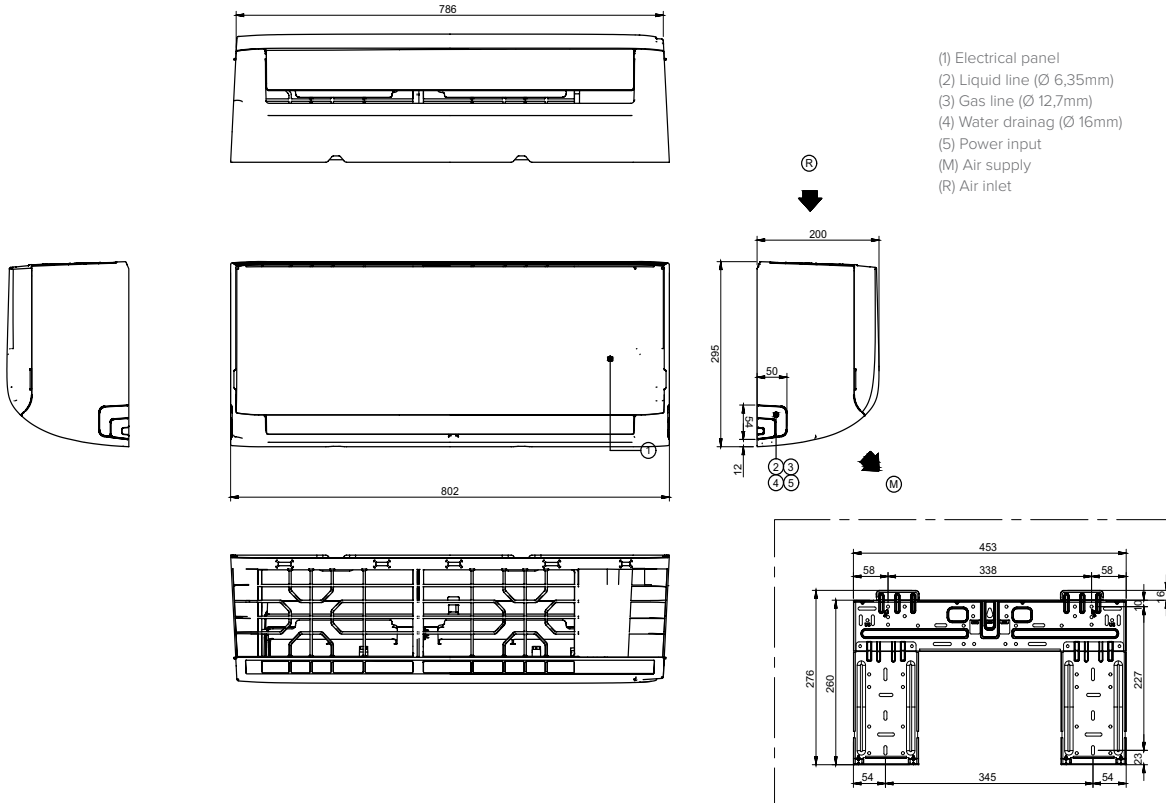
- (1) Compressor compartment
- (2) Electrical panel
- (3) Power input
- (4) Condensate drain
- (5) Functional spaces
- (6) Liquid pipe (ø 6.35 mm)
- (7) Gas pipe (ø 9.52 mm)
- (8) Electric fan (supply-return)
- (R) Air inlet
- (M) Air supply

Unit of measurement: mm

# DIMENSIONAL DRAWINGS

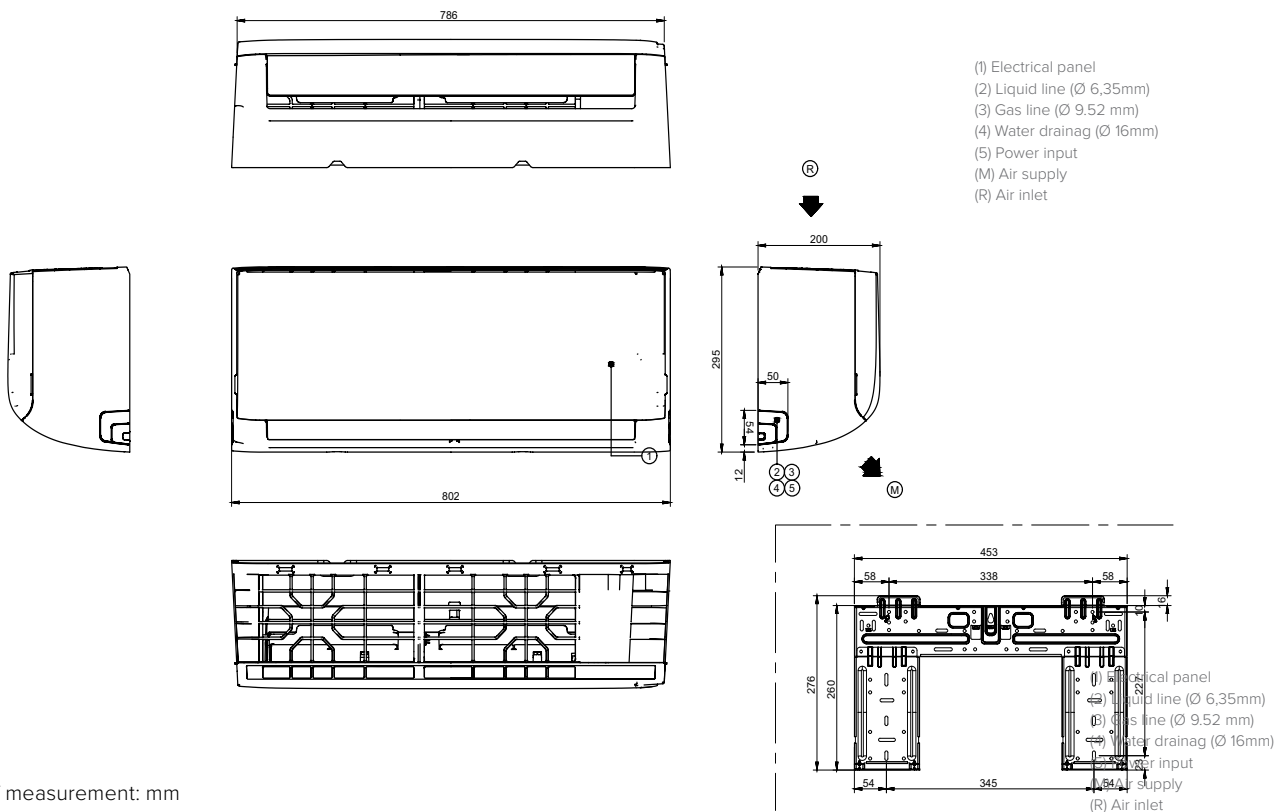
## CRISTALLO 2 - Indoor unit

IMA1-Y 27M



## CRISTALLO 2 - Indoor unit

IMA1-Y 35M

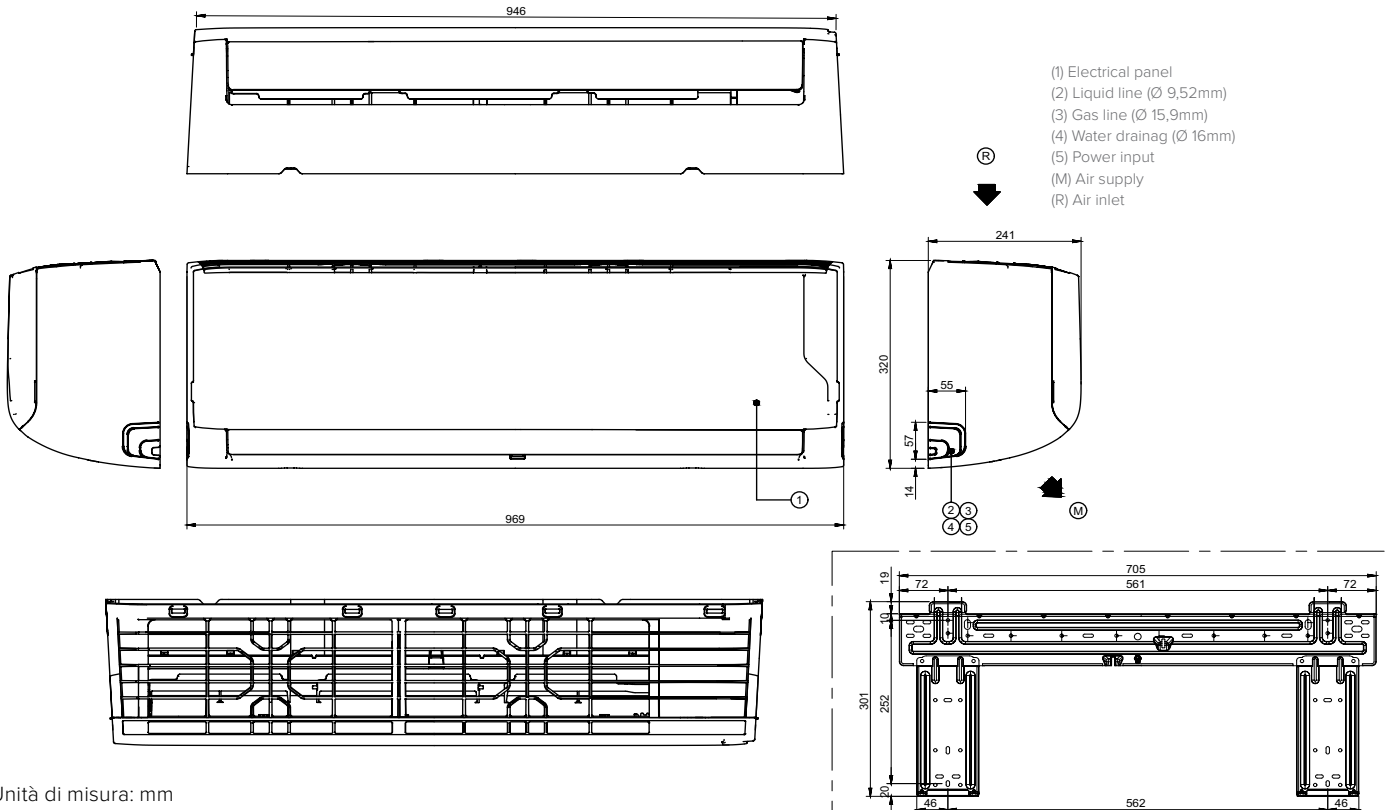


Unit of measurement: mm

# DIMENSIONAL DRAWINGS

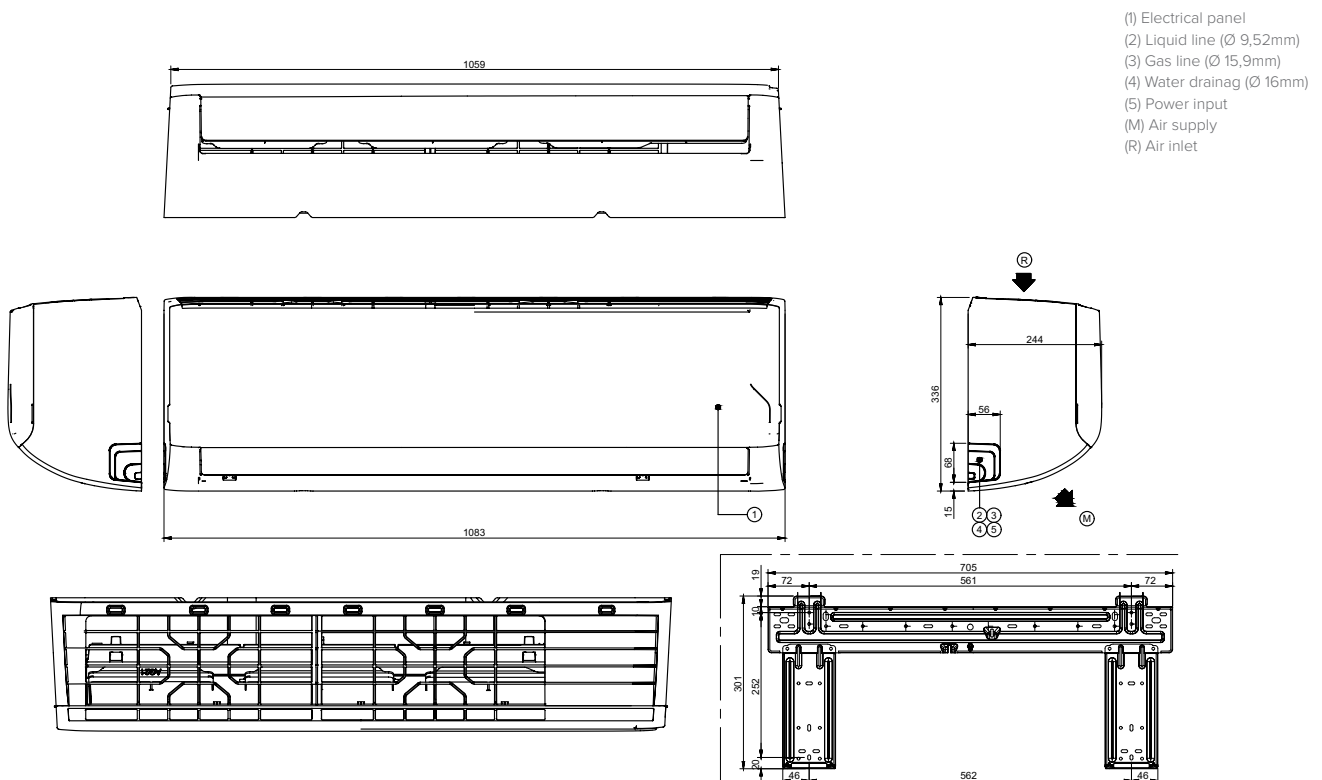
## CRISTALLO 2 - Indoor unit

## IMA1-Y 53M



## CRISTALLO 2 - Indoor unit

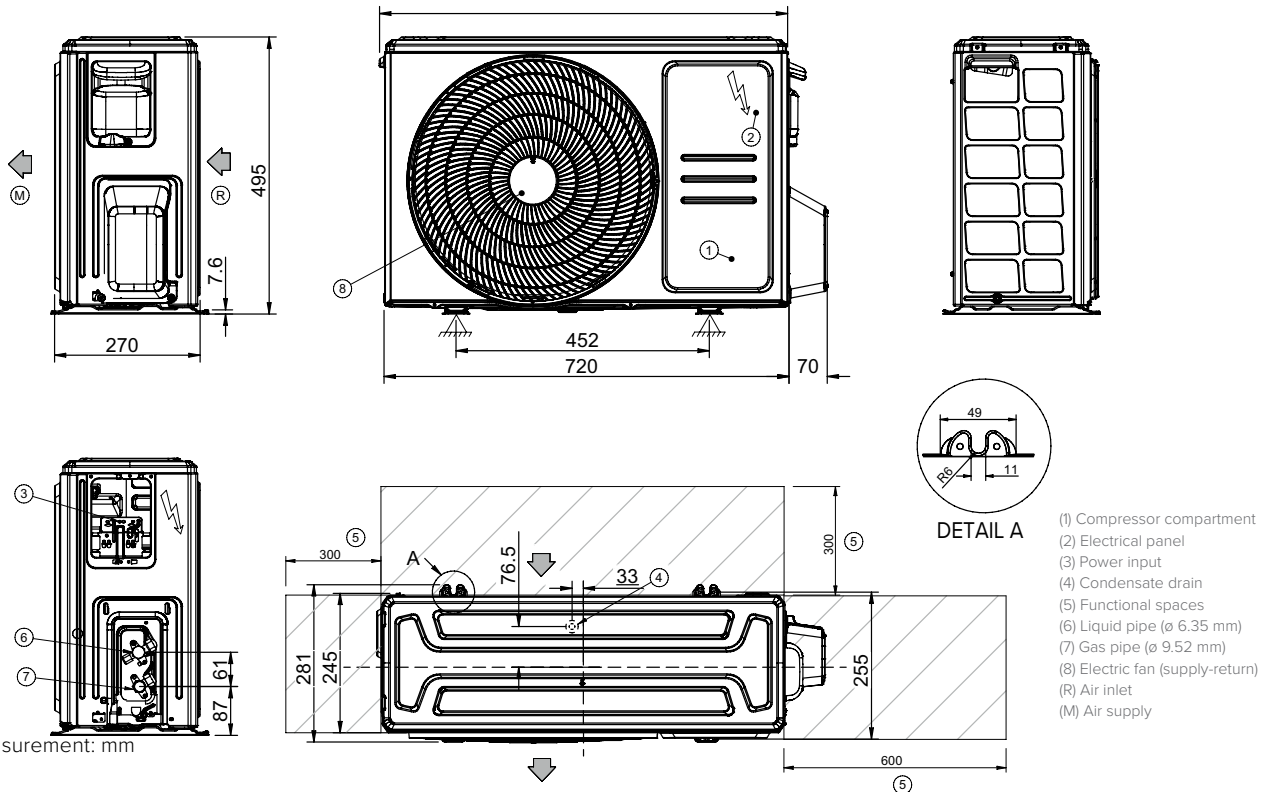
## IMA1-Y 70M



# DIMENSIONAL DRAWINGS

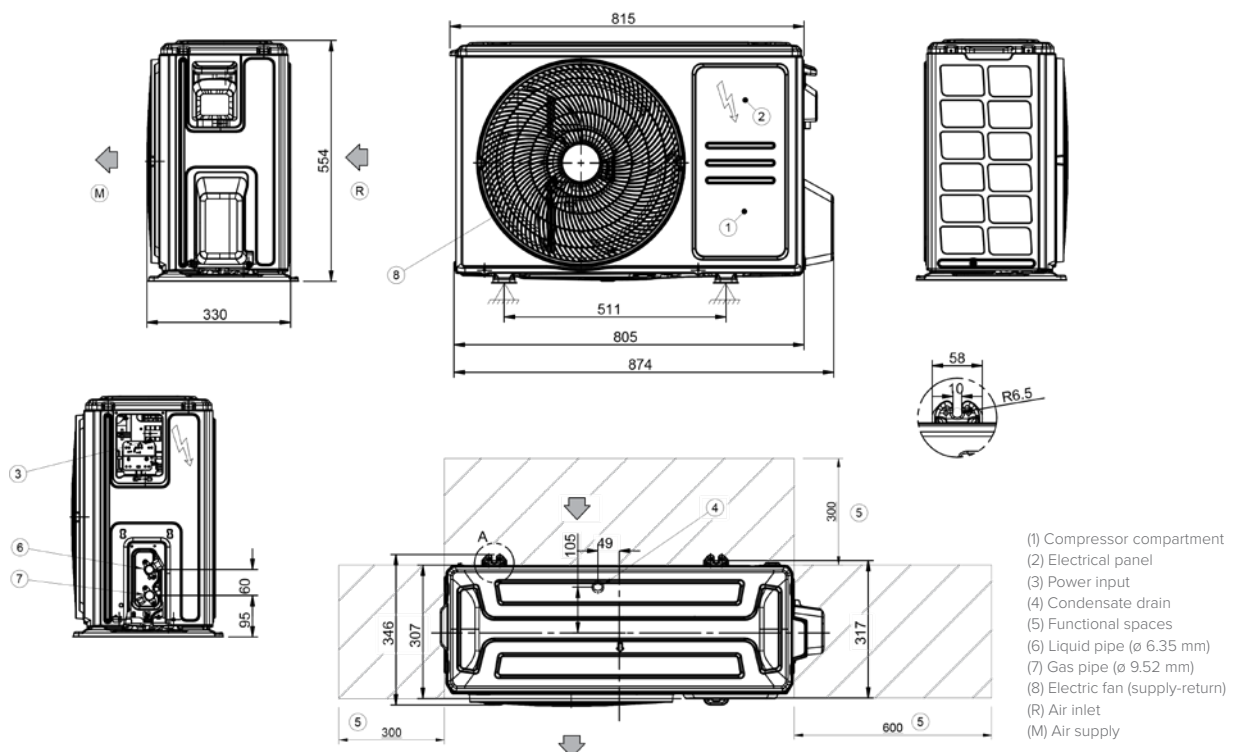
## CRISTALLO 2 - Outdoor unit

MMA1-Y 27M ÷ 35M



## CRISTALLO 2 - Outdoor unit

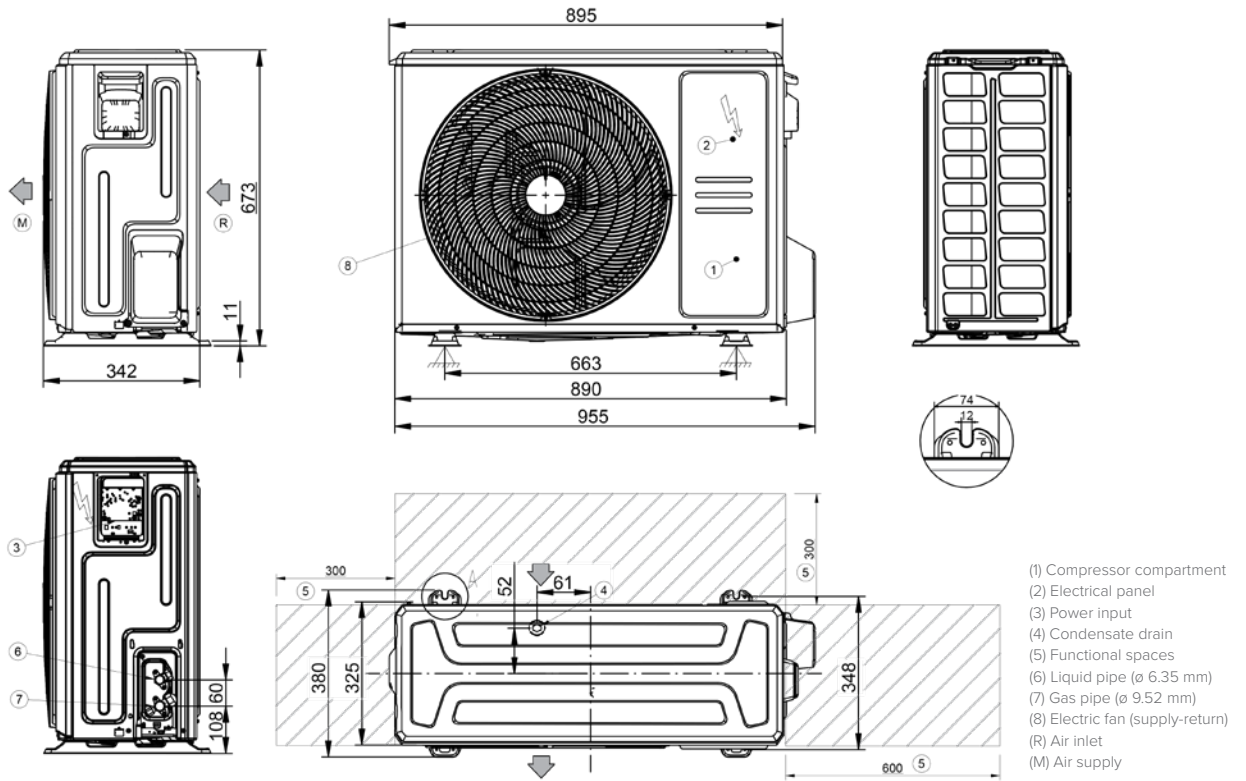
MMA1-Y 53M



# DIMENSIONAL DRAWINGS

CRISTALLO 2 - Outdoor unit

MMA1-Y 70M



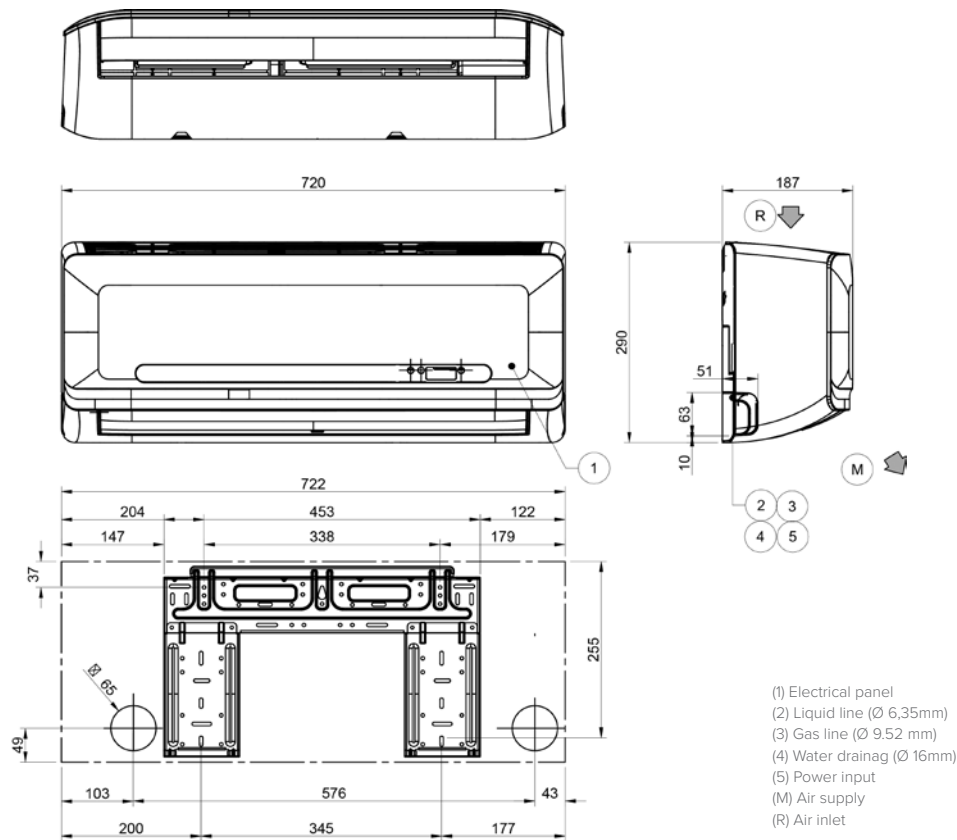
Unit of measurement: mm



# DIMENSIONAL DRAWINGS

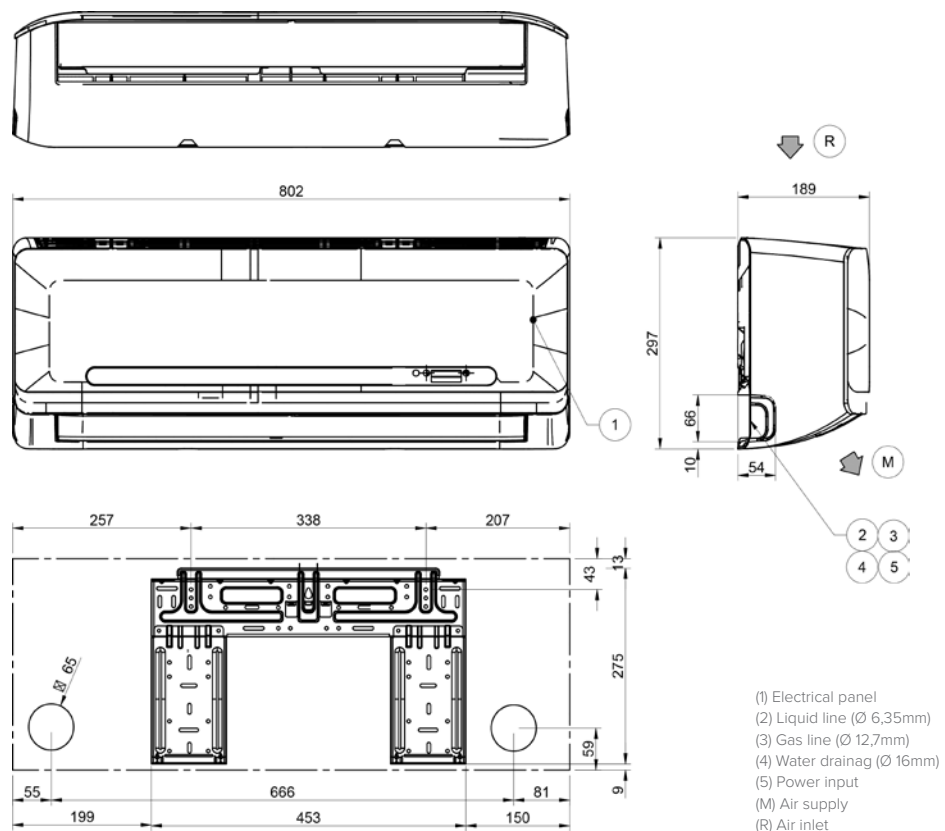
## CRISTALLO - Indoor unit

## IM2-XY 27M



## CRISTALLO - Indoor unit

## IM2-XY 35M

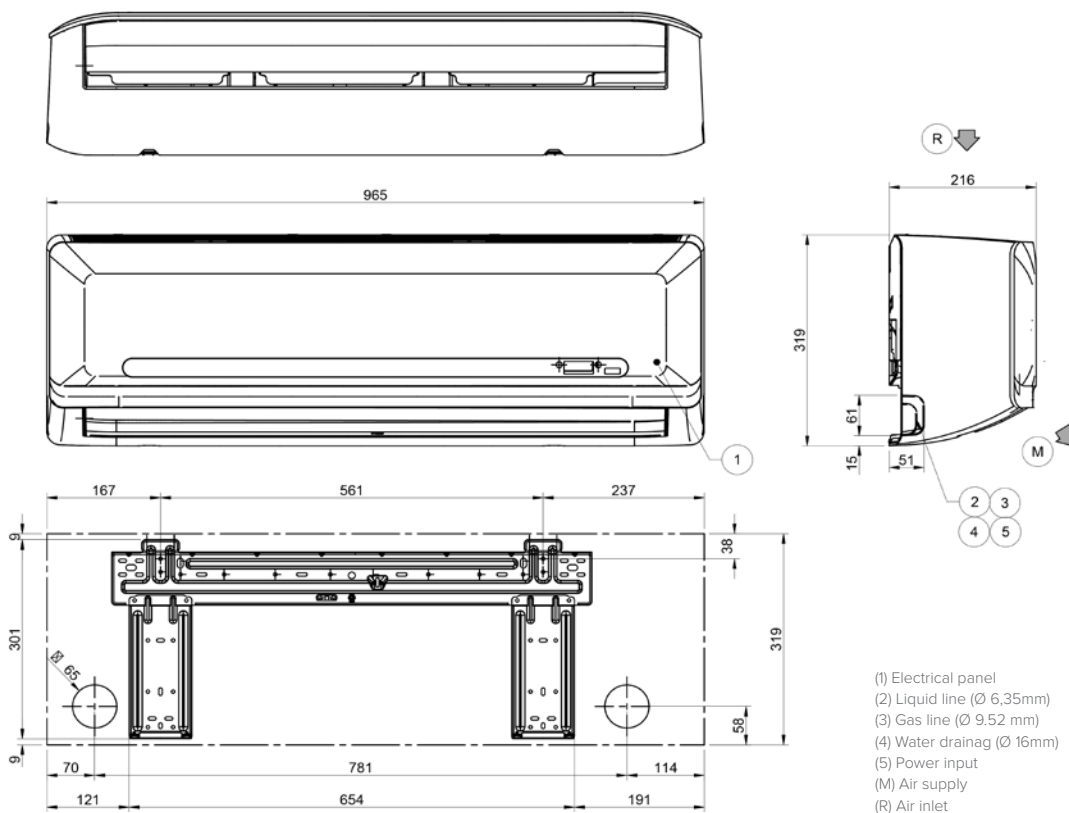


Unit of measurement: mm

# DIMENSIONAL DRAWINGS

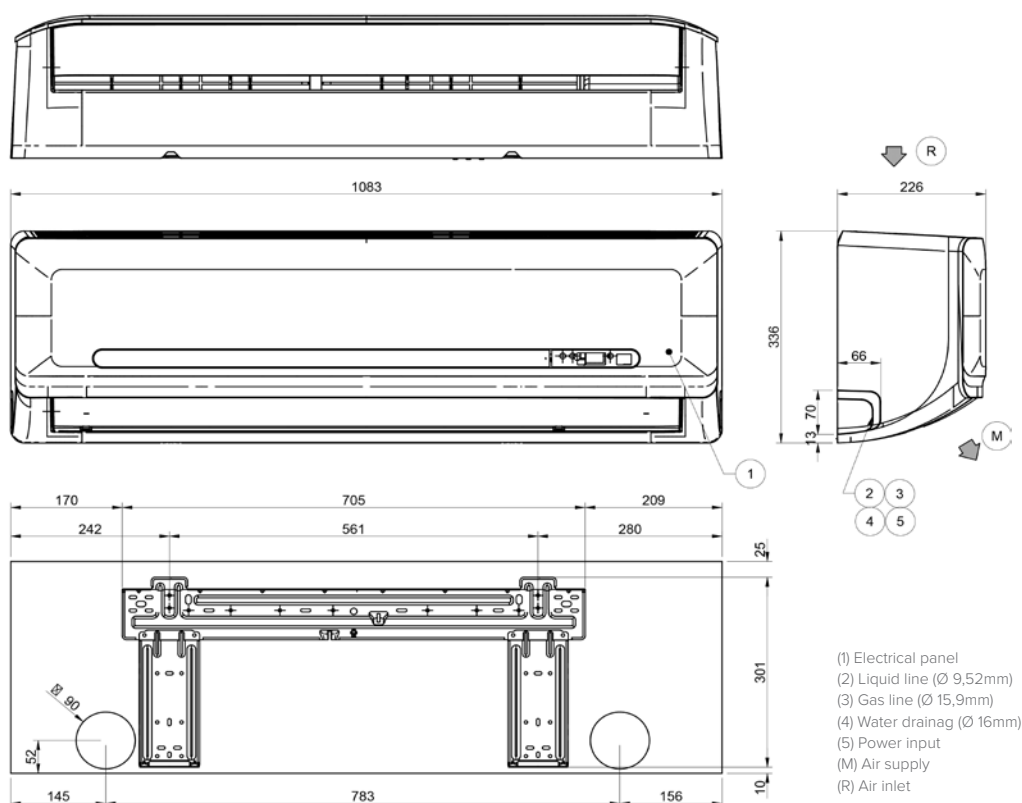
## CRISTALLO - Indoor unit

IM2-XY 53M



## CRISTALLO - Indoor unit

IM2-XY 70M

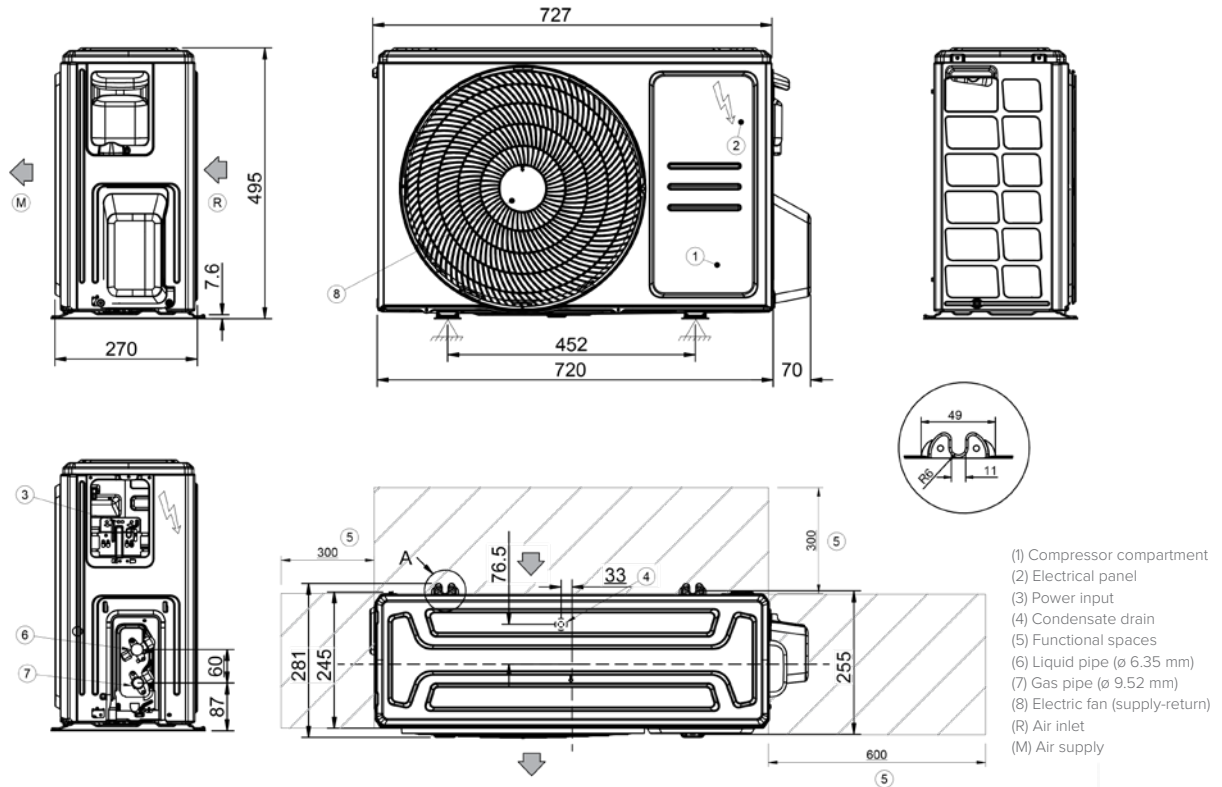


Unit of measurement: mm

# DIMENSIONAL DRAWINGS

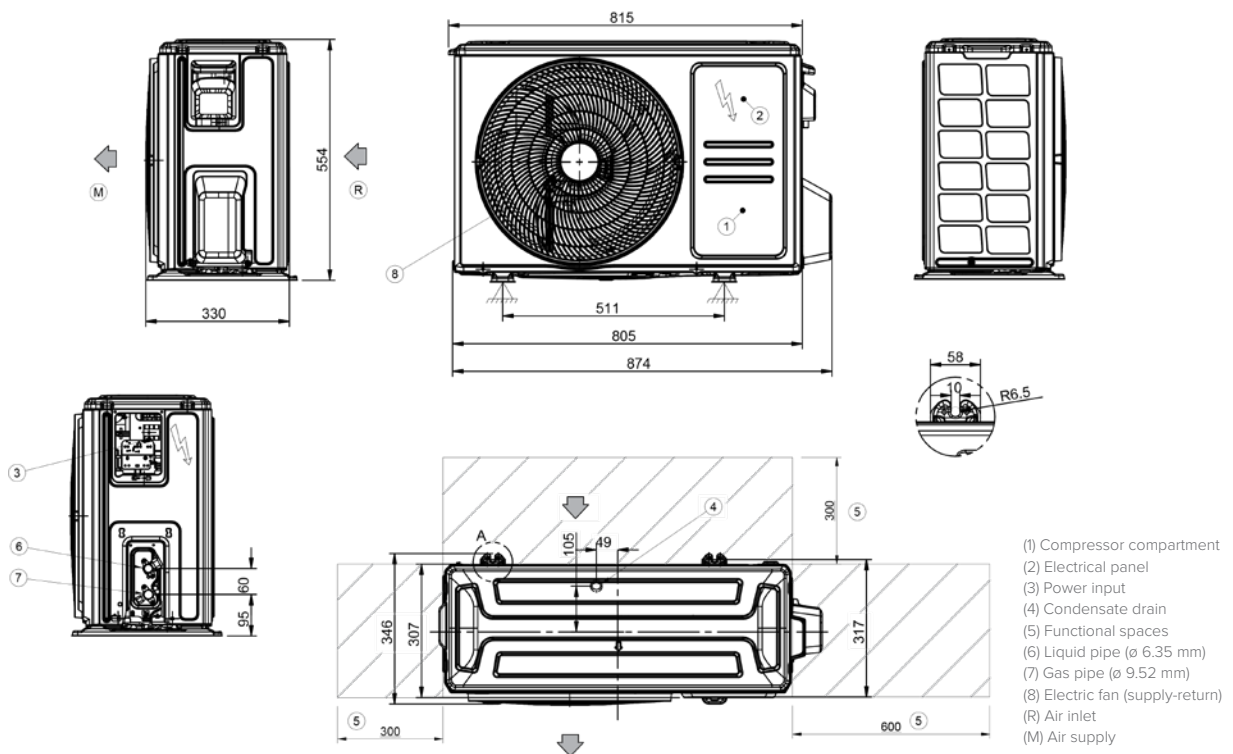
CRISTALLO - Outdoor unit

MM2-Y 27M ÷ 35M



CRISTALLO - Outdoor unit

MM2-Y 53M

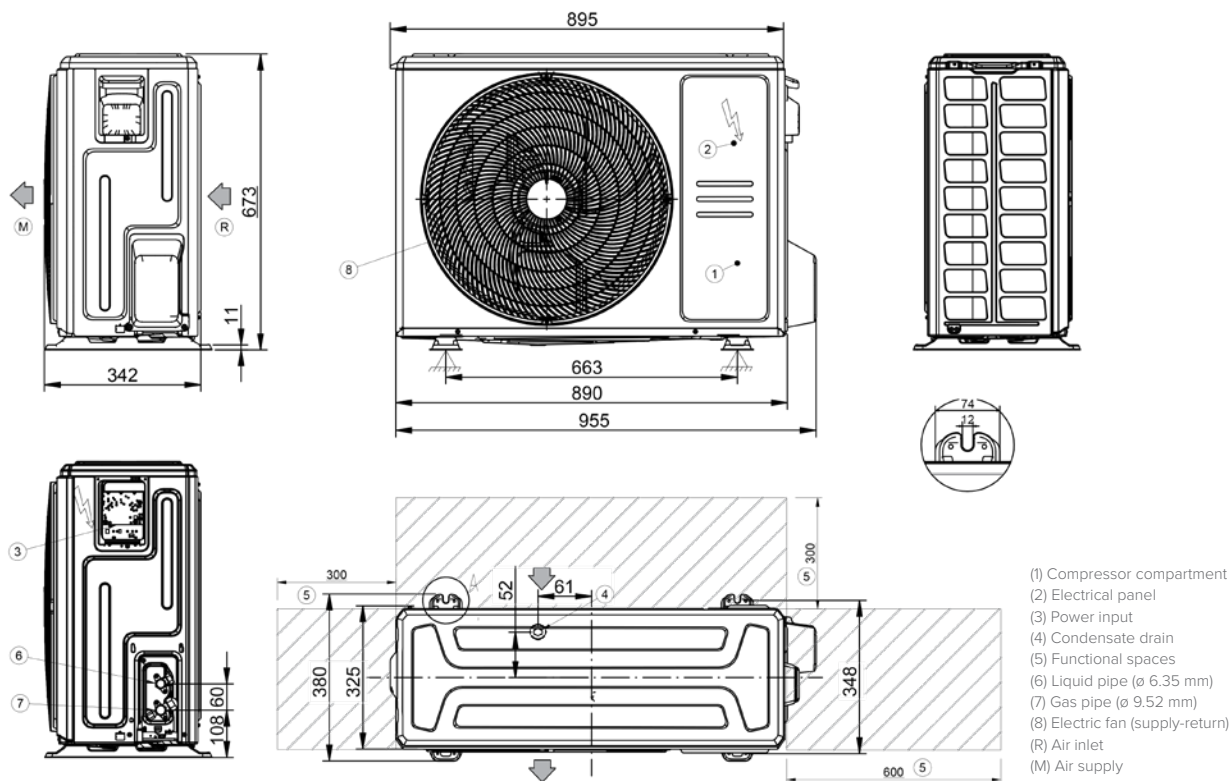


Unit of measurement: mm

# DIMENSIONAL DRAWINGS

CRISTALLO - Outdoor unit

MM2-Y 70M

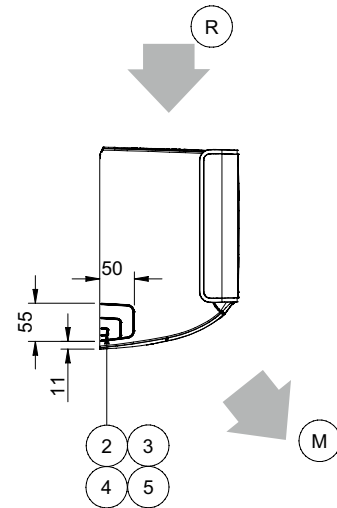
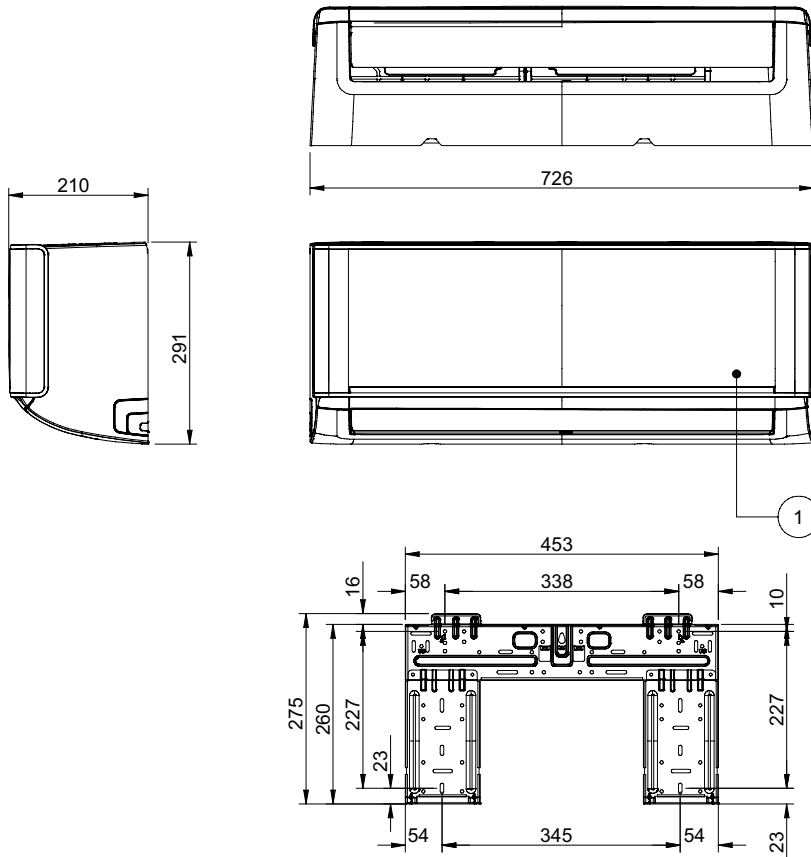


Unit of measurement: mm

# DIMENSIONAL DRAWINGS

## EZCool - Indoor unit

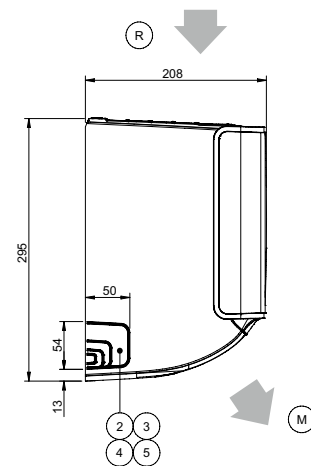
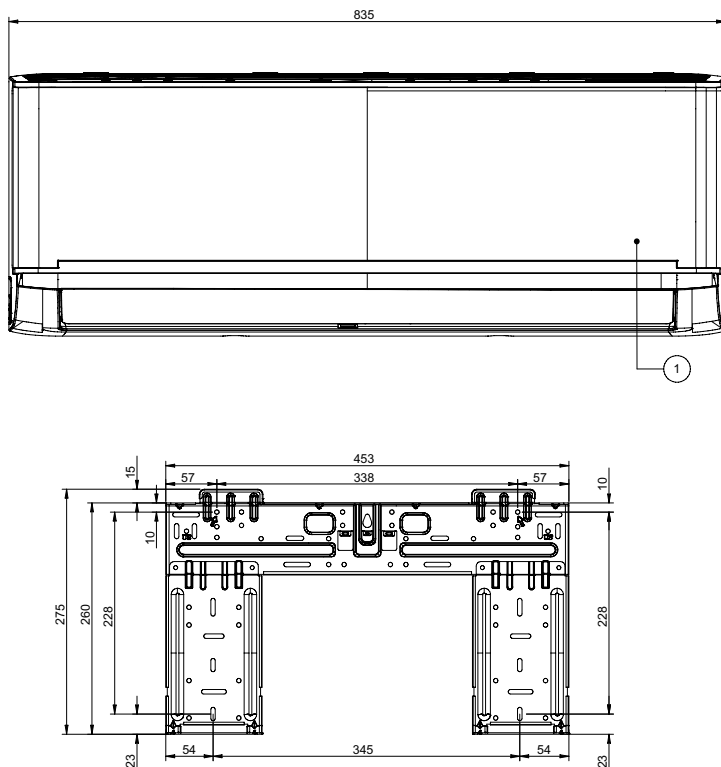
ILA1-Y 27M



- (1) Electrical panel
- (2) Liquid line (Ø 6,35mm)
- (3) Gas line (Ø 9,52 mm)
- (4) Water drainag (Ø 16mm)
- (5) Power input
- (M) Air supply
- (R) Air inlet

## EZCool - Indoor unit

ILA1-Y 35M



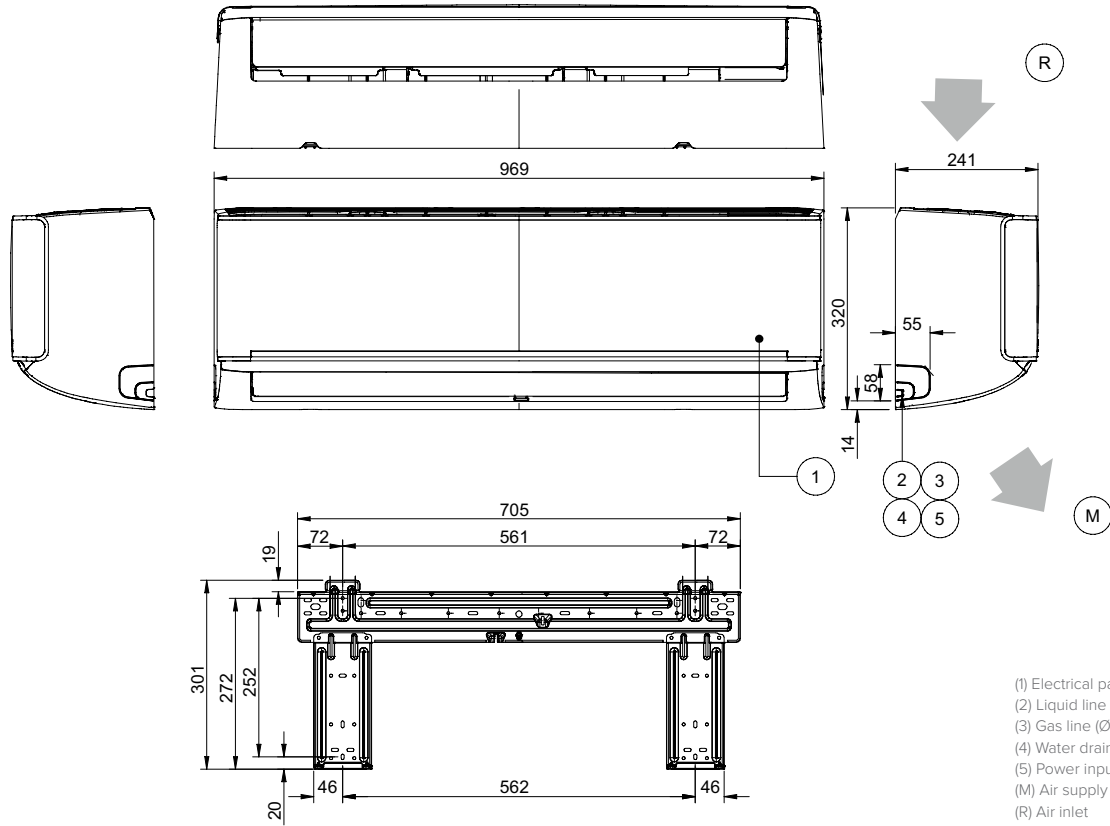
- (1) Electrical panel
- (2) Liquid line (Ø 6,35mm)
- (3) Gas line (Ø 9,52 mm)
- (4) Water drainag (Ø 16mm)
- (5) Power input
- (M) Air supply
- (R) Air inlet

Unit of measurement: mm

# DIMENSIONAL DRAWINGS

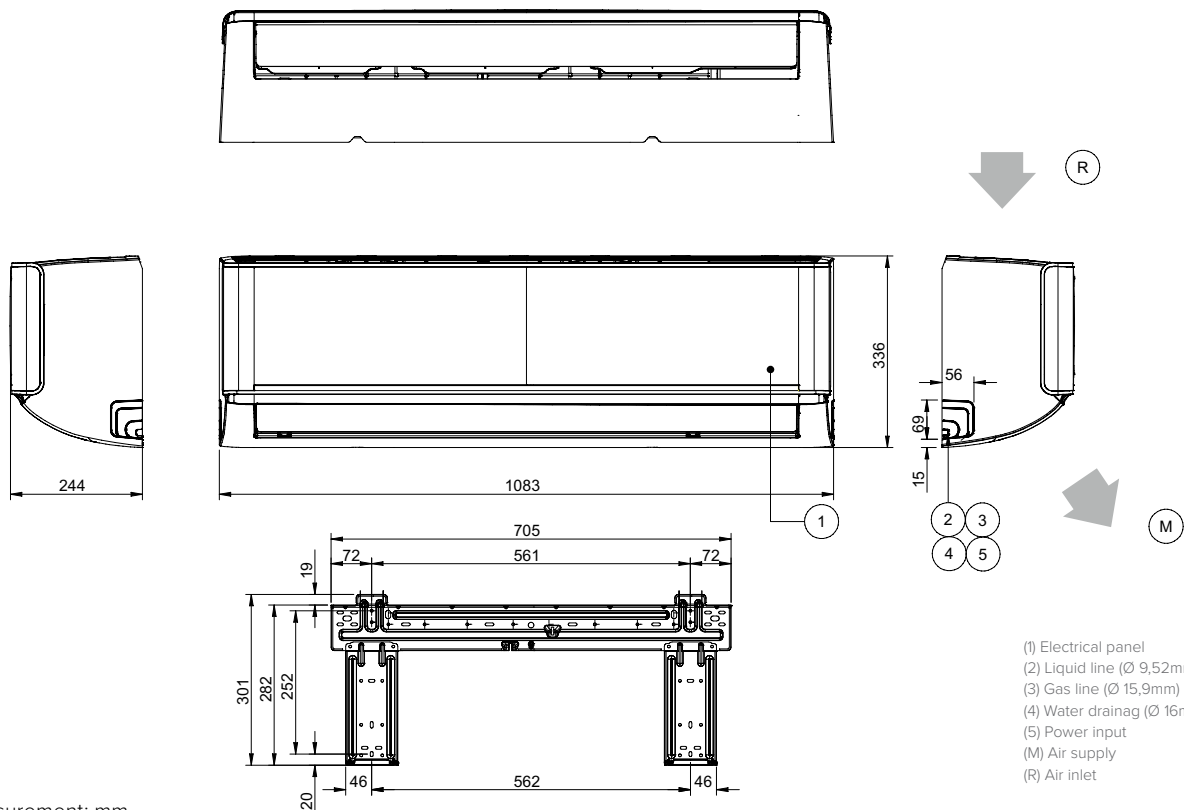
EZCool - Indoor unit

ILA1-Y 53M



EZCool - Indoor unit

ILA1-Y 70M

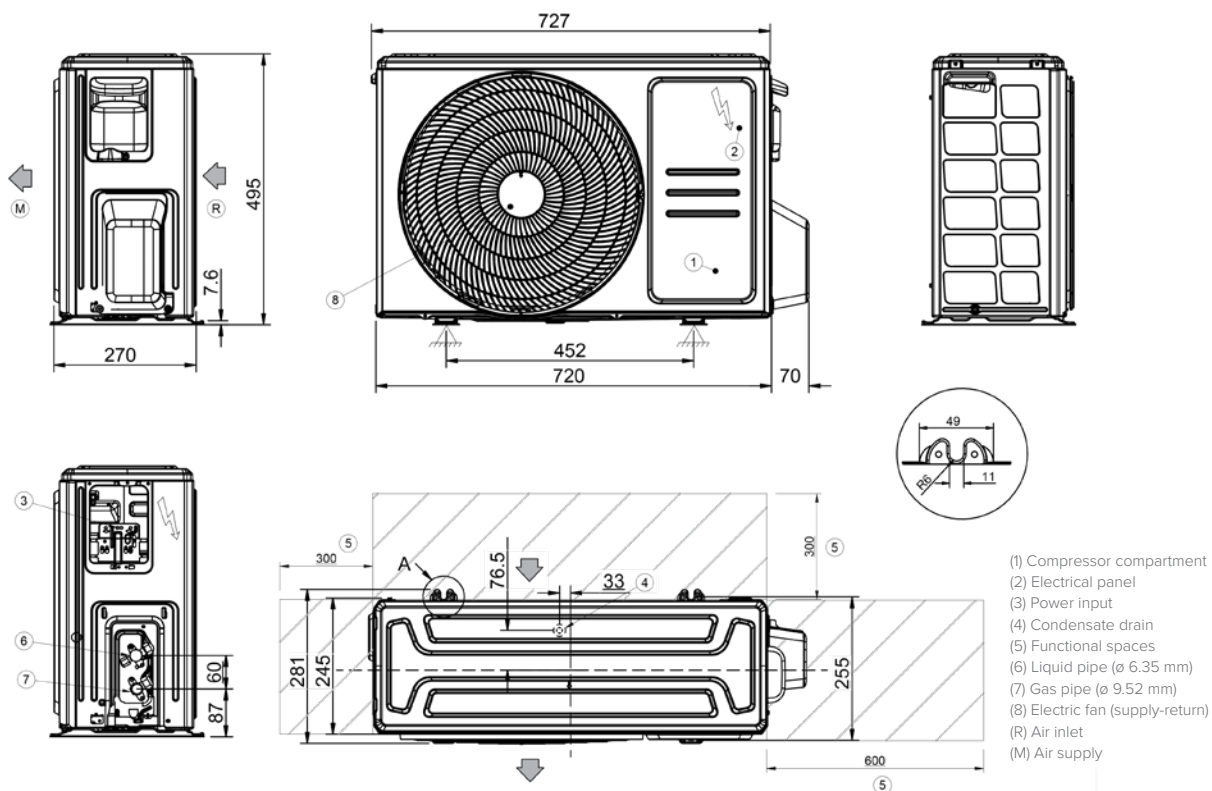


Unit of measurement: mm

# DIMENSIONAL DRAWINGS

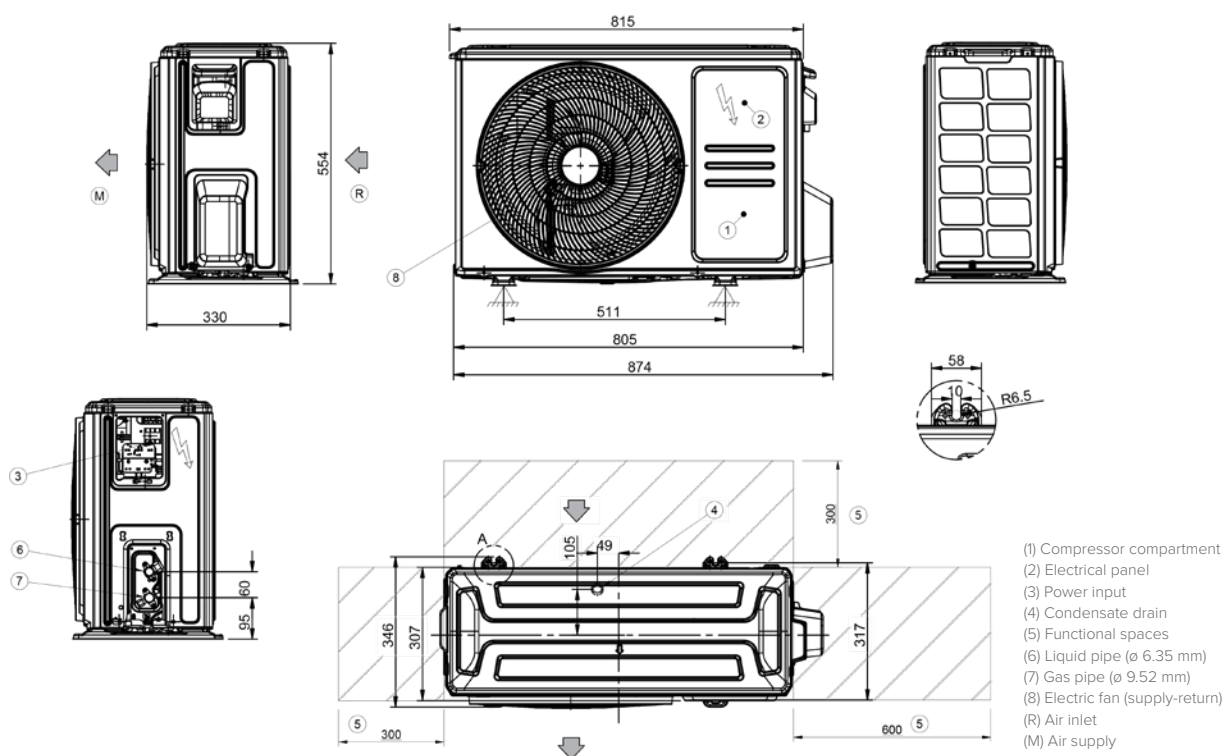
EZCool - Outdoor unit

MLA1-Y 27M - 35M



EZCool - Outdoor unit

MLA1-Y 53M

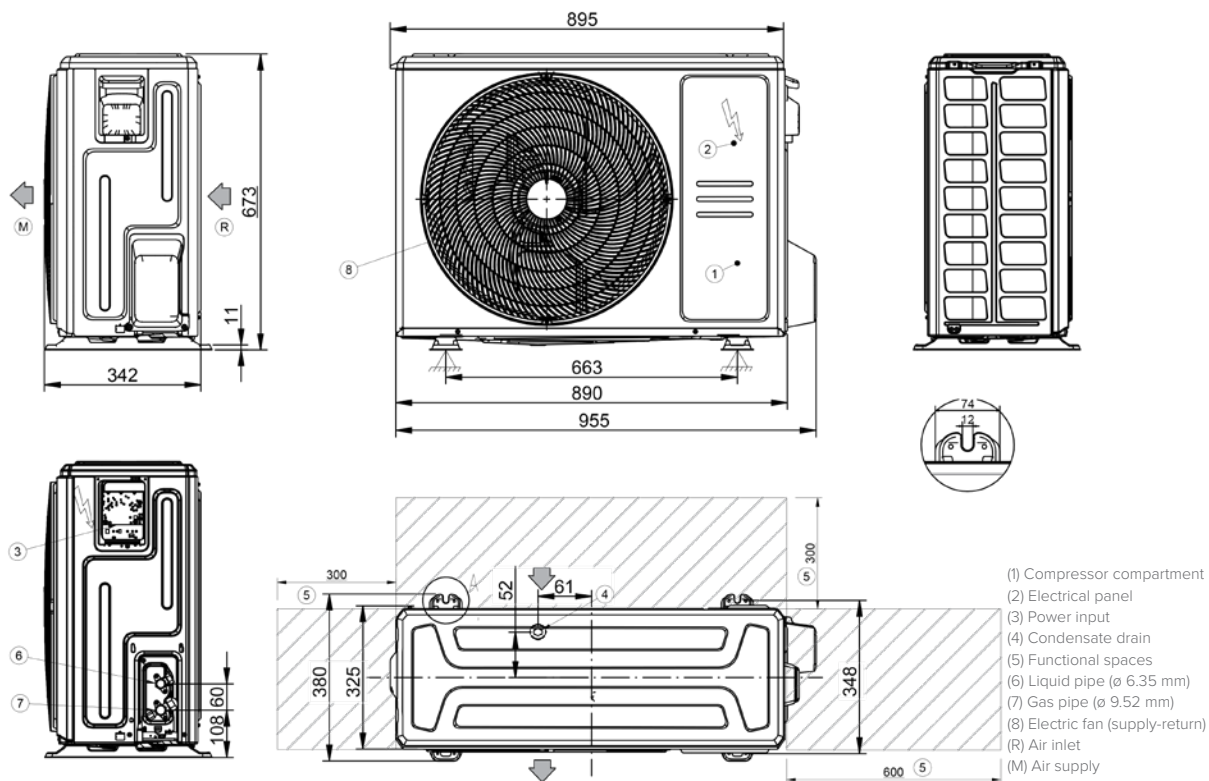


Unit of measurement: mm

# DIMENSIONAL DRAWINGS

EZCool - Outdoor unit

MLA1-Y 70M



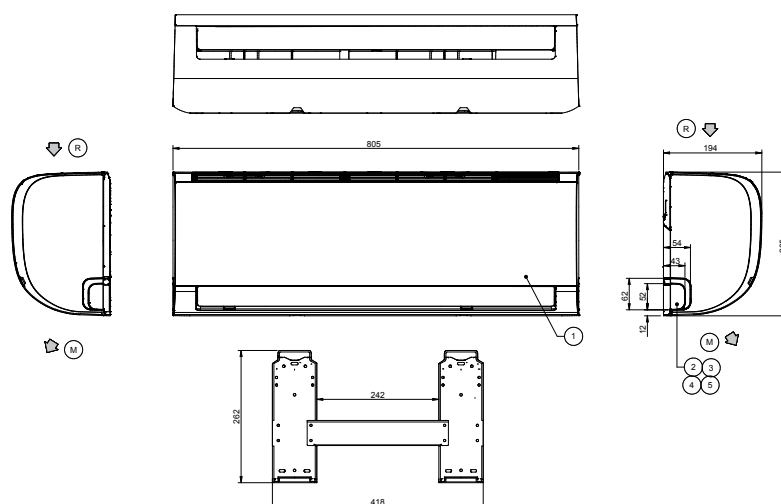
Unit of measurement: mm



# DIMENSIONAL DRAWINGS

NATIV- Indoor unit

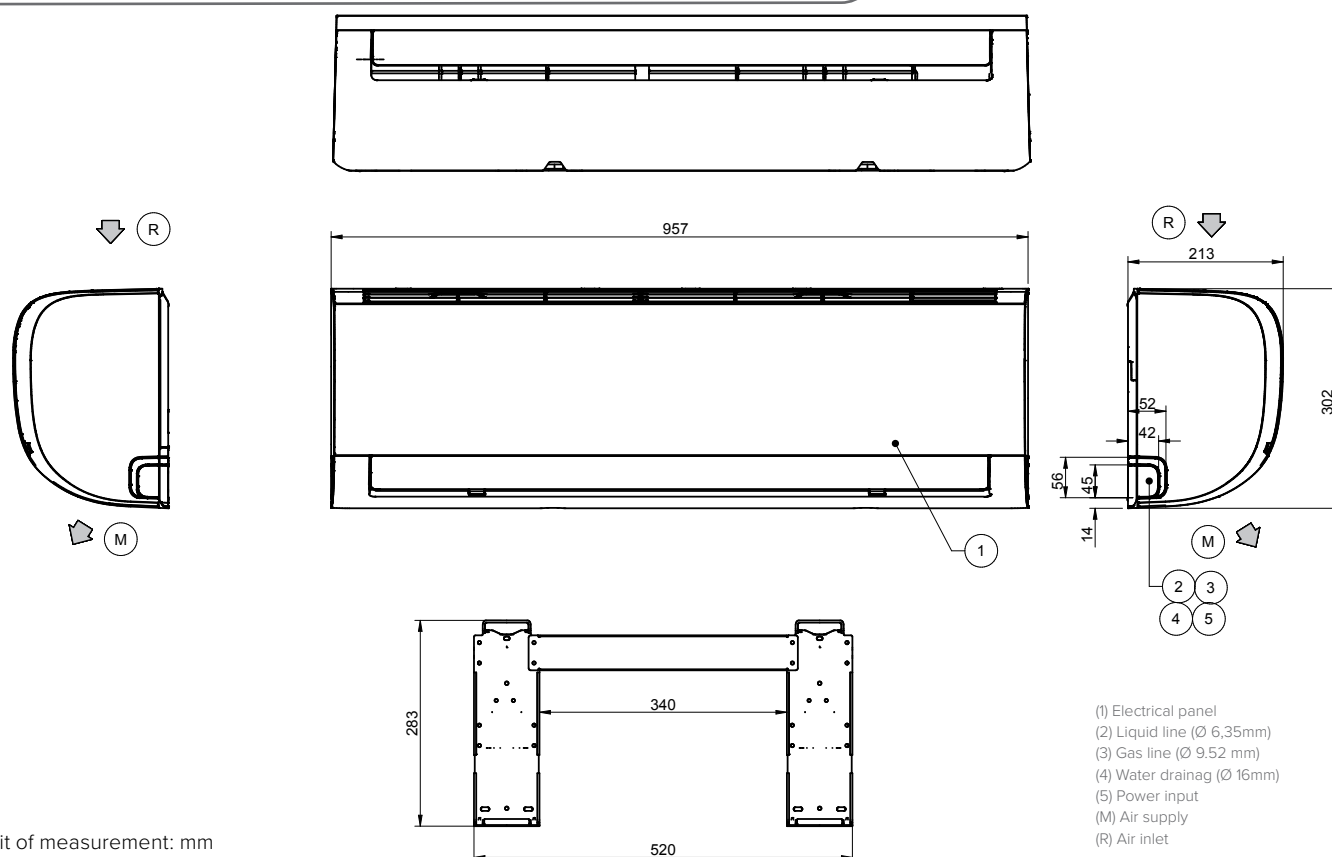
IZ2-XY 27 ÷ 35M



- (1) Electrical panel
- (2) Liquid line (Ø 6,35mm)
- (3) Gas line (Ø 9.52 mm)
- (4) Water drainag (Ø 16mm)
- (5) Power input
- (M) Air supply
- (R) Air inlet

NATIV- Indoor unit

IZ2-XY 27 ÷ 53M



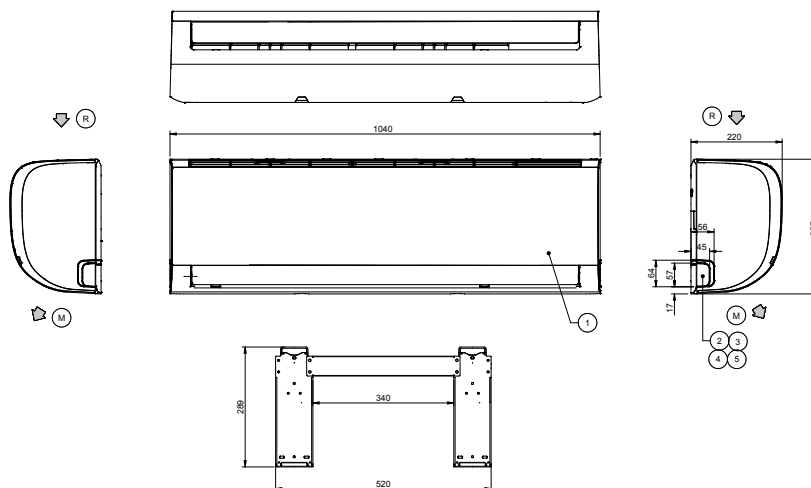
- (1) Electrical panel
- (2) Liquid line (Ø 6,35mm)
- (3) Gas line (Ø 9.52 mm)
- (4) Water drainag (Ø 16mm)
- (5) Power input
- (M) Air supply
- (R) Air inlet

Unit of measurement: mm

# DIMENSIONAL DRAWINGS

NATIV- Indoor unit

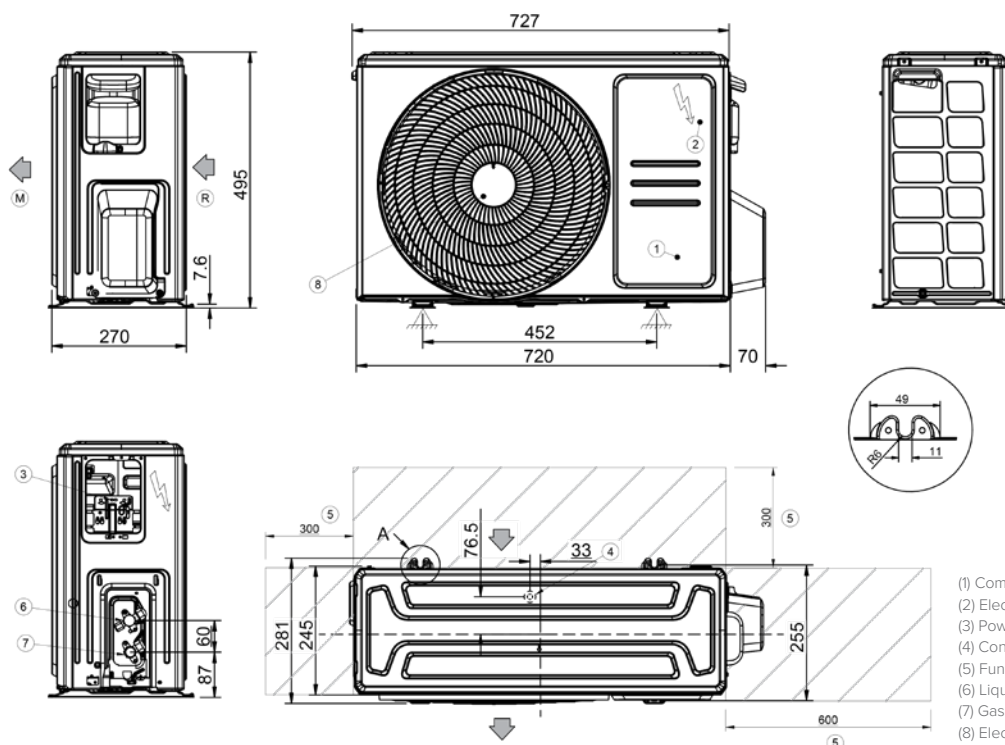
IZ2-XY 70M



- (1) Electrical panel
- (2) Liquid line (Ø 6,35mm)
- (3) Gas line (Ø 9,52 mm)
- (4) Water drainag (Ø 16mm)
- (5) Power input
- (M) Air supply
- (R) Air inlet

NATIV- Outdoor unit

MZ2-Y 27 ÷ 35M



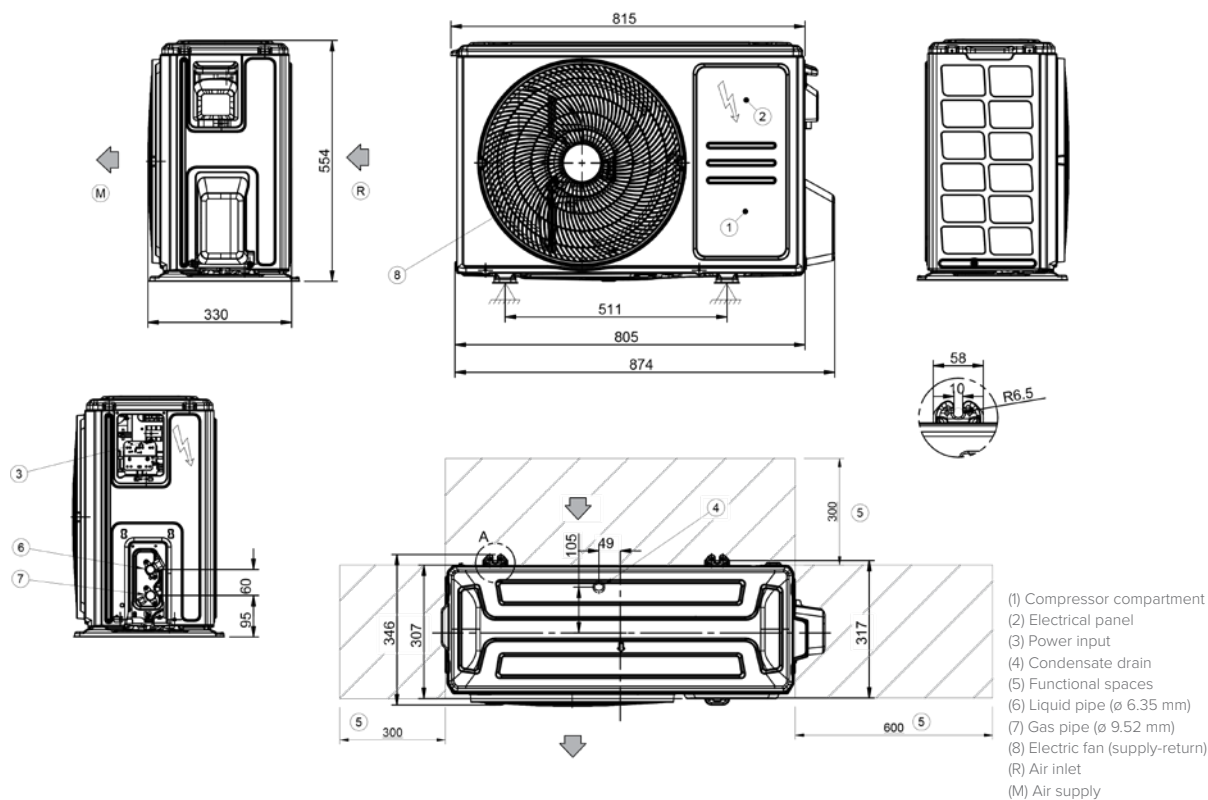
- (1) Compressor compartment
- (2) Electrical panel
- (3) Power input
- (4) Condensate drain
- (5) Functional spaces
- (6) Liquid pipe (ø 6.35 mm)
- (7) Gas pipe (ø 9.52 mm)
- (8) Electric fan (supply-return)
- (R) Air inlet
- (M) Air supply

Unit of measurement: mm

# DIMENSIONAL DRAWINGS

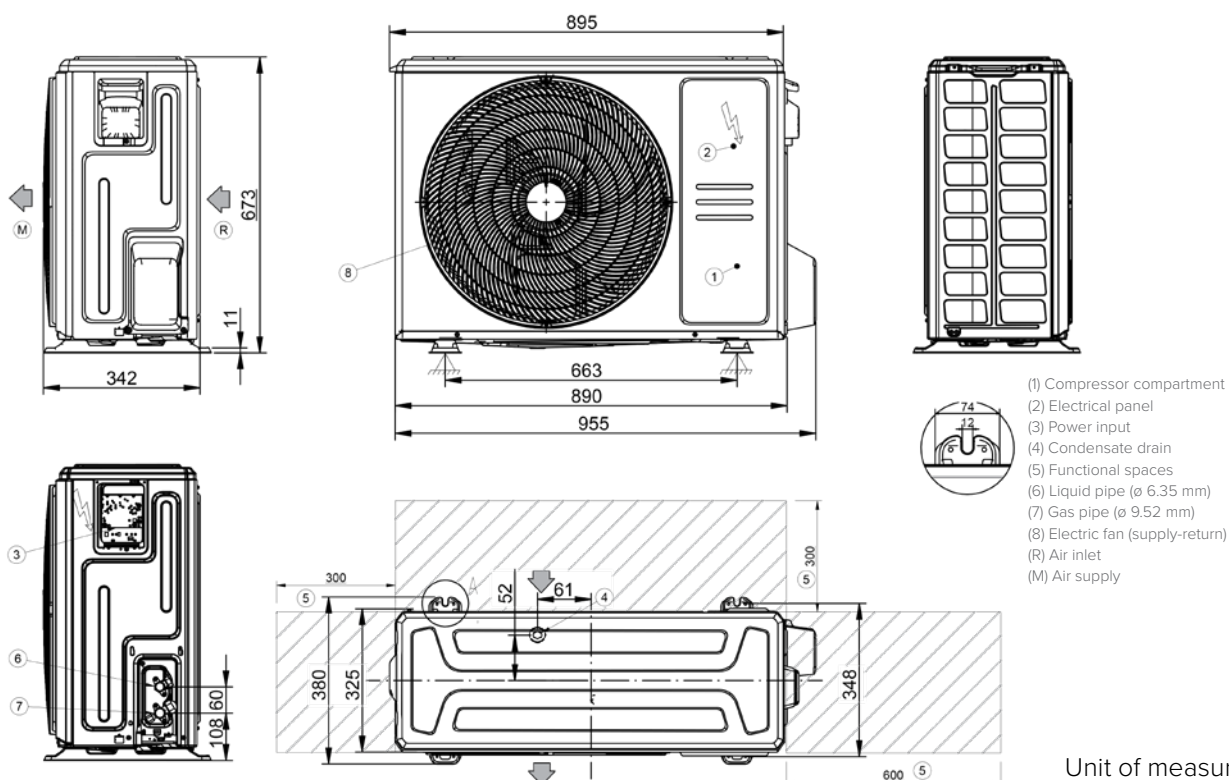
NATIV- Outdoor unit

M2Z-Y 53M



NATIV- Outdoor unit

M2Z-Y 70M



Unit of measurement: mm

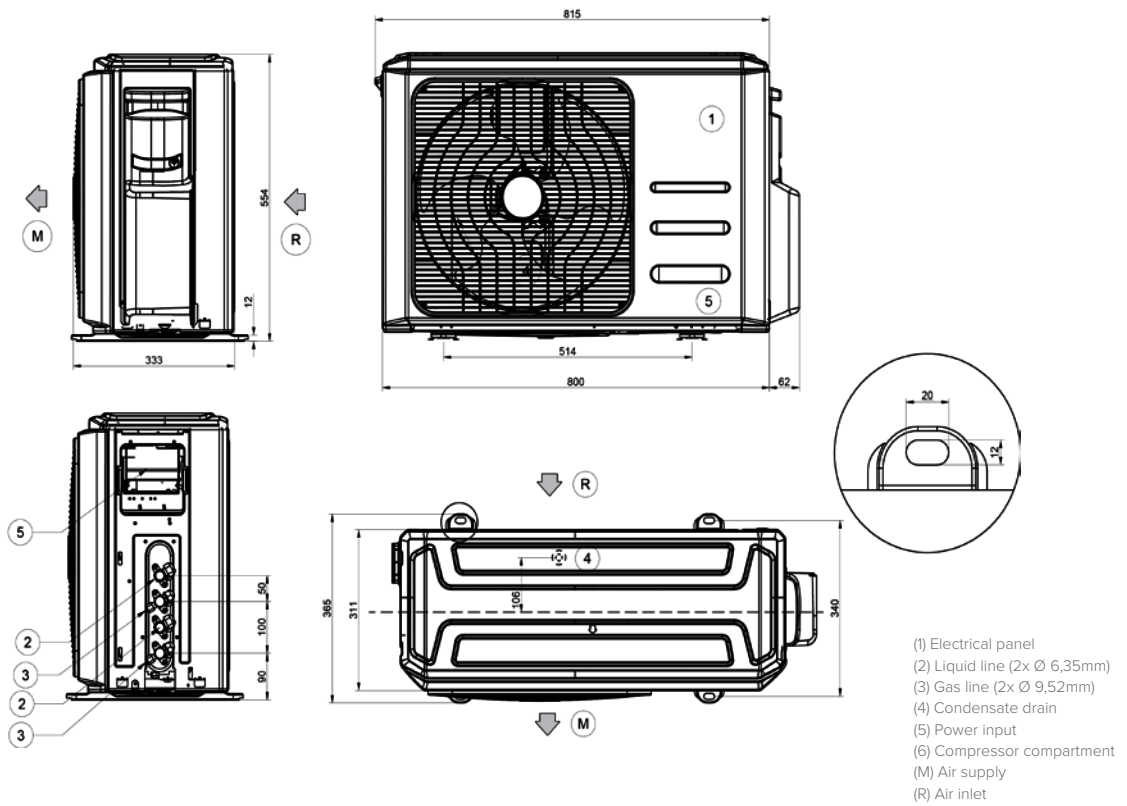


# DIMENSIONAL DRAWINGS

## Multi Split

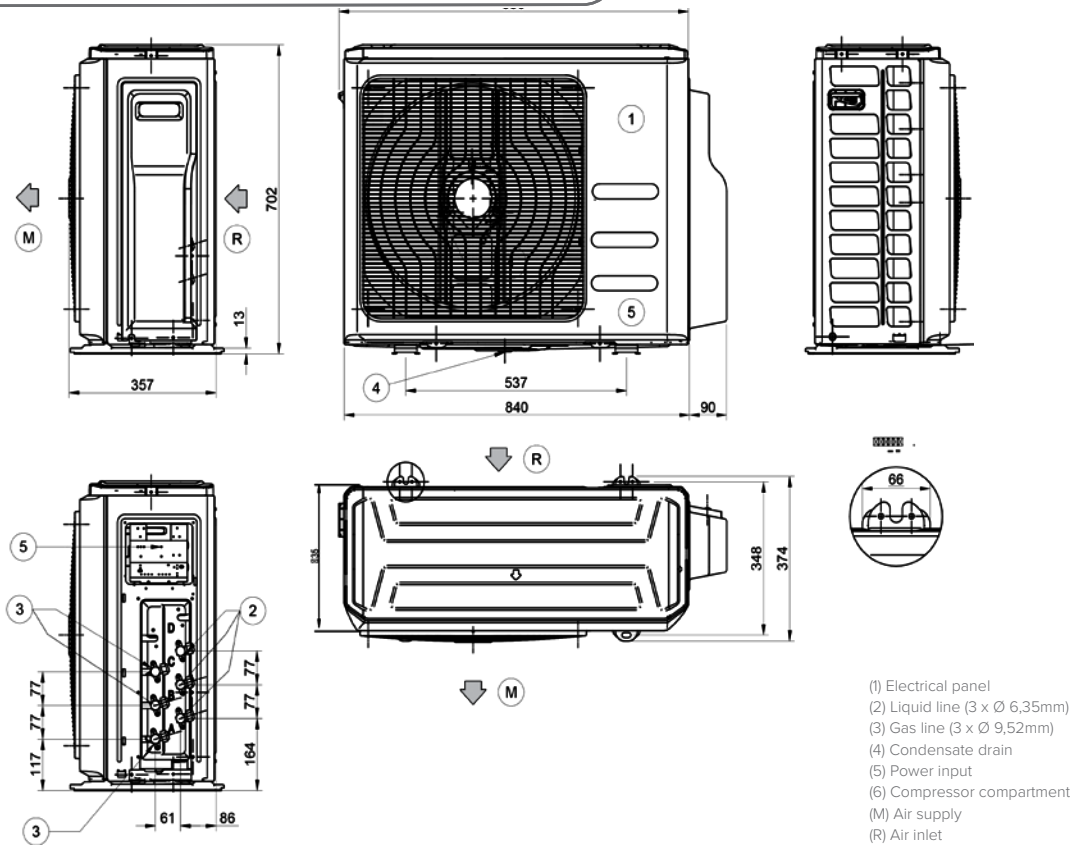
ODU-SM 2

MU2-Y 41M ÷ 53M



ODU-SM 2

MU2-Y 61M ÷ 79M

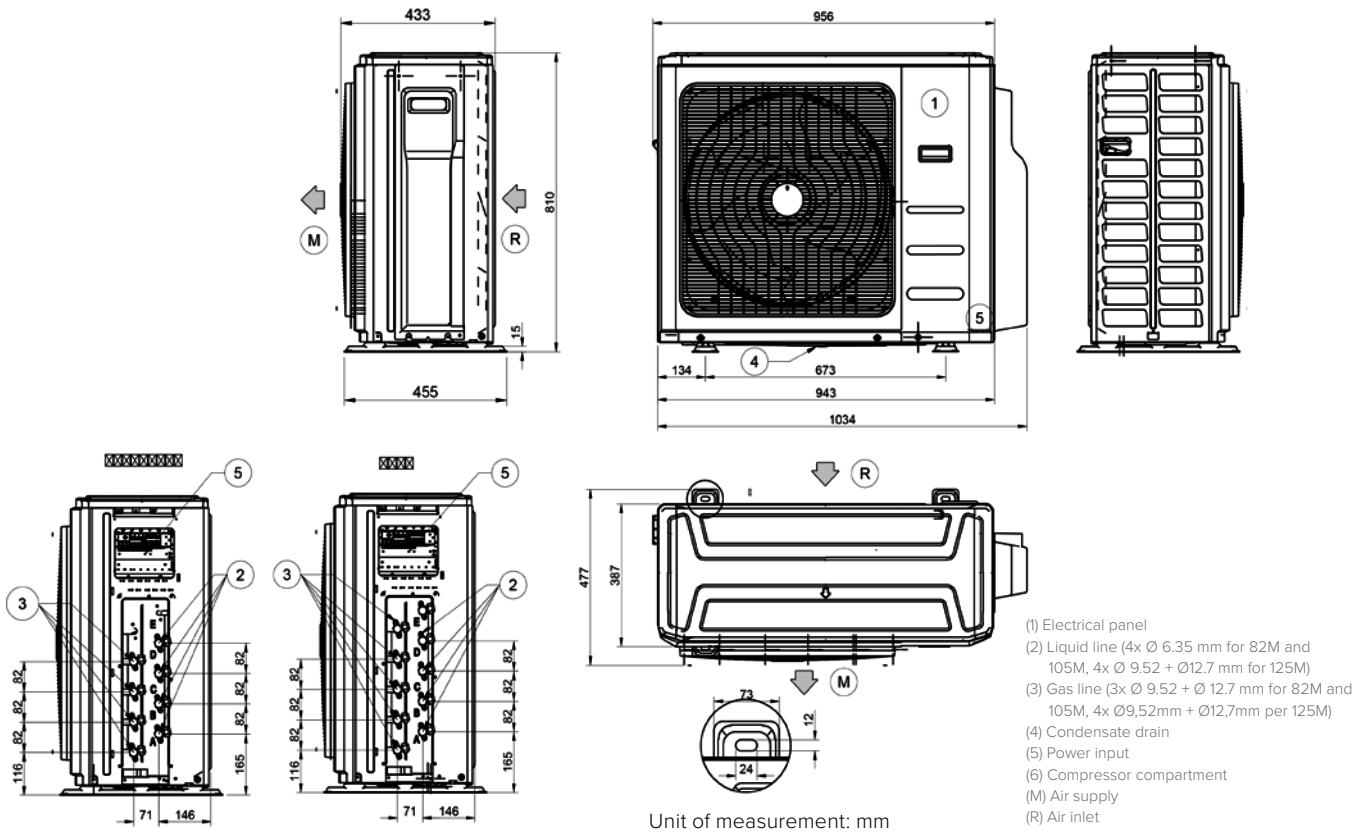


Unit of measurement: mm

# DIMENSIONAL DRAWINGS

ODU-SM 2

MU2-Y 82M ÷ 105M ÷ 125M



- (1) Electrical panel
- (2) Liquid line (4x Ø 6.35 mm for 82M and 105M, 4x Ø 9.52 + Ø12.7 mm for 125M)
- (3) Gas line (3x Ø 9.52 + Ø 12.7 mm for 82M and 105M, 4x Ø9,52mm + Ø12,7mm per 125M)
- (4) Condensate drain
- (5) Power input
- (6) Compressor compartment
- (M) Air supply
- (R) Air inlet

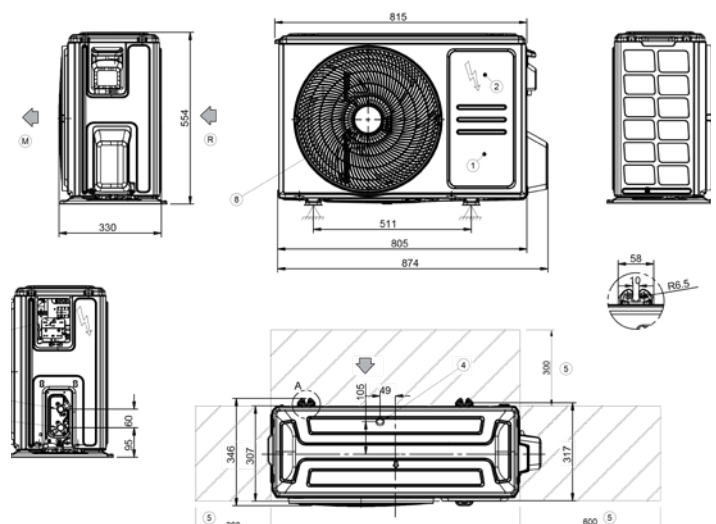
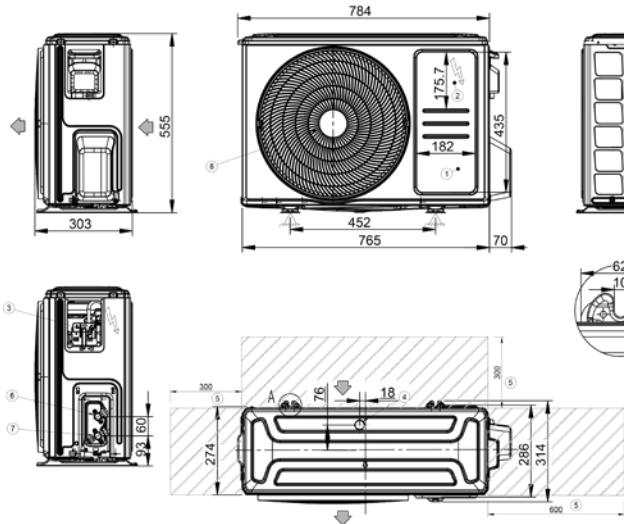
# DIMENSIONAL DRAWINGS

## Light Commercial

ODU-SL 2

MC3-Y 35M ODU-SL 2

MC3-Y 53M



- (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

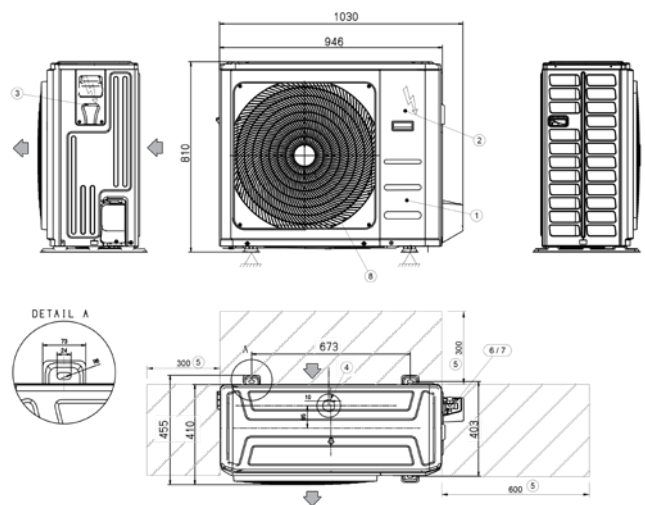
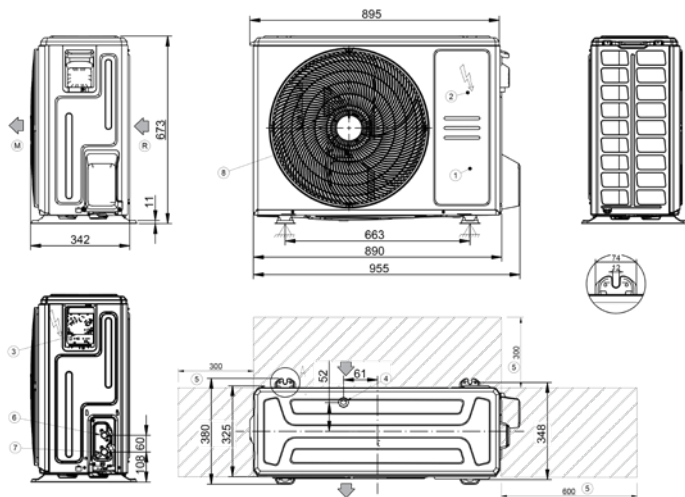
- (1) Compressor compartment
- (2) Electrical panel
- (3) Power input
- (4) Condensate drain
- (5) Functional spaces

- (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

ODU-SL 2

MC3-Y 70M ODU-SL 2

MC3-Y 88M÷120M



Unit of measurement: mm

- (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

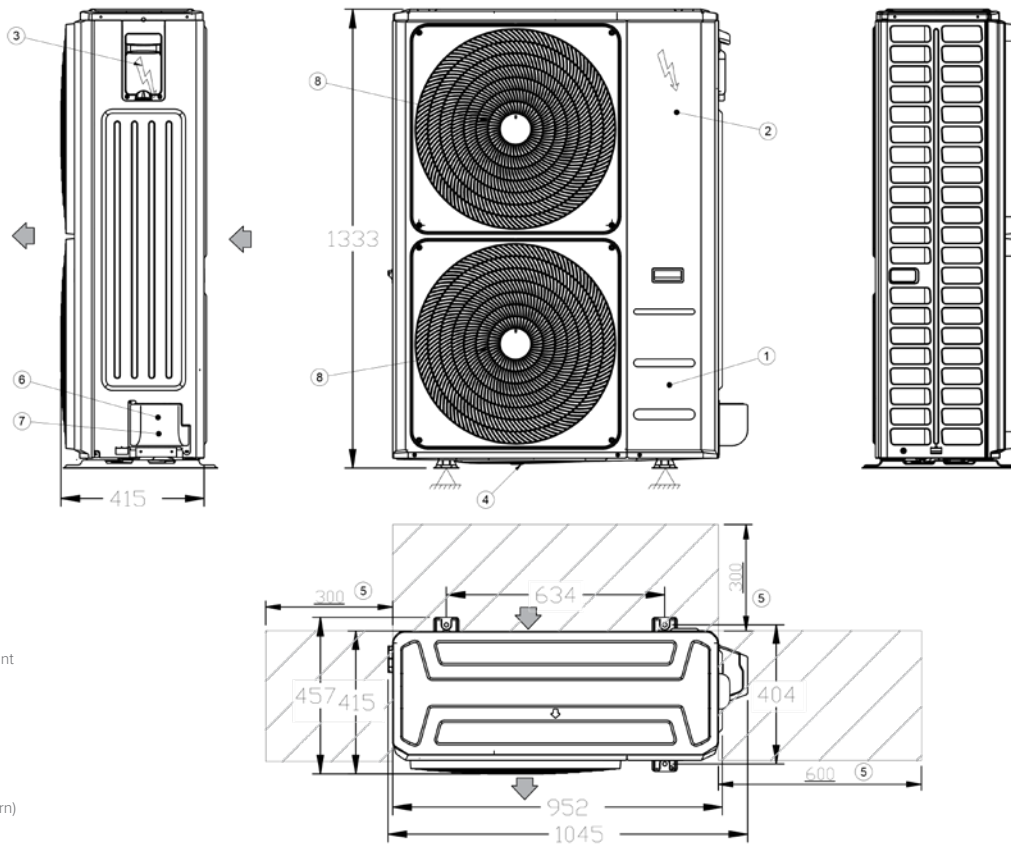
- (1) Electrical panel
- (2) Liquid line (4x Ø 6.35 mm for 82M and 105M, 4x Ø 9.52 + Ø12.7 mm for 125M)
- (3) Gas line (3x Ø 9.52 + Ø 12.7 mm for 82M and 105M, 4x Ø 9.52 + Ø12.7 mm for 125M)
- (4) Condensate drain

- (5) Power input
- (6) Compressor compartment
- (M) Air supply
- (R) Air inlet

# DIMENSIONAL DRAWINGS

ODU-SL 2

MC3-Y 140T÷160T



- (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

Unit of measurement: mm



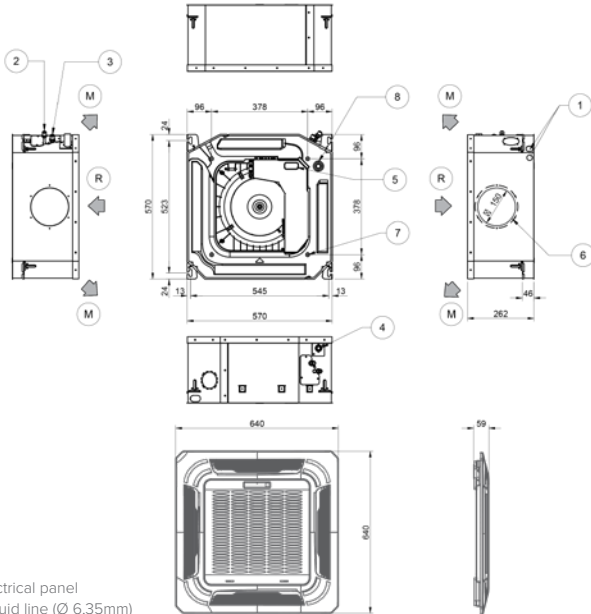
# DIMENSIONAL DRAWINGS

BOX 2 650X650

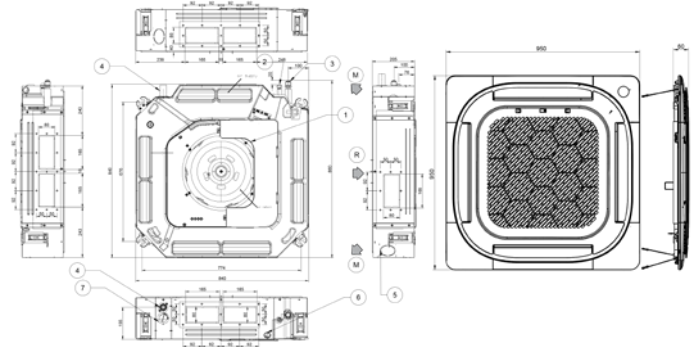
IB3-XY 27M÷53M

BOX 2 950X950

IA3-XY 70M



- (1) Electrical panel
- (2) Liquid line (Ø 6,35mm)
- (3) Gas line (Ø 9,52 mm for 35M,  
Ø 12,7 mm for 53M)
- (4) Condensate drain (Ø 25mm)
- (5) Fresh air intake (Ø 65mm)
- (6) Power input
- (7) Nr. 4 threaded holes for panel installation
- (8) Discharge hole for maintenance
- (M) Air supply
- (R) Air inlet



- (1) Electrical panel
- (2) Liquid line (Ø 9,52mm)
- (3) Gas line (Ø 15,9mm)
- (4) Condensate drain (Ø 32mm)
- (5) Fresh air intake (Ø 75mm)
- (6) Power input
- (7) Discharge hole for maintenance
- (M) Air supply
- (R) Air inlet

BOX 2 950X950

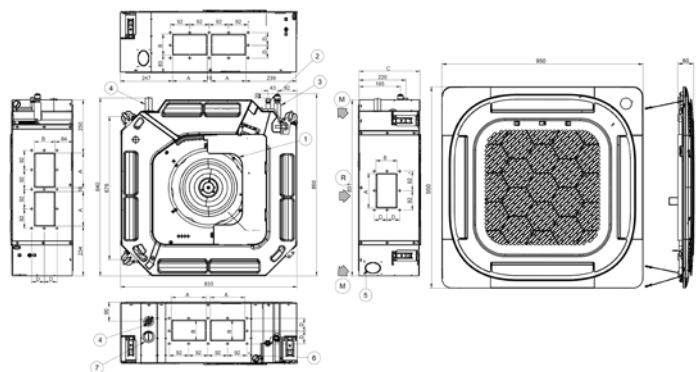
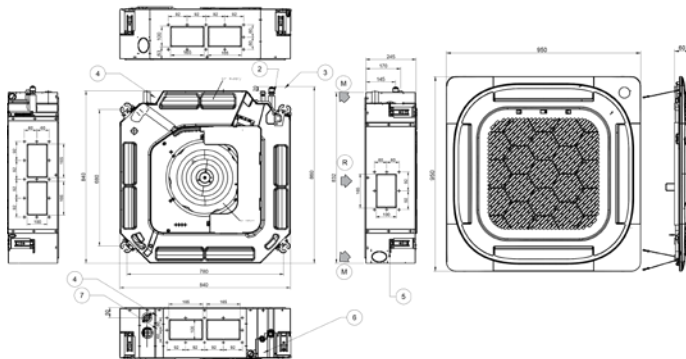
IA3-XY 88M÷105M

BOX 2 950X950

IA3-XY 120M÷160M

- (1) Electrical panel
- (2) Liquid line (Ø 6,35mm)
- (3) Gas line (Ø 9,52 mm for 35M,  
Ø 12,7 mm for 53M)
- (4) Condensate drain (Ø 25mm)
- (5) Fresh air intake (Ø 65mm)
- (6) Power input
- (7) Discharge hole for maintenance
- (M) Air supply
- (R) Air inlet

- (1) Electrical panel
- (2) Liquid line (Ø 6,35mm)
- (3) Gas line (Ø 9,52 mm for 35M,  
Ø 12,7 mm for 53M)
- (4) Condensate drain (Ø 25mm)
- (5) Fresh air intake (Ø 65mm)
- (6) Power input
- (7) Discharge hole for maintenance
- (M) Air supply
- (R) Air inlet



Unit of measurement: mm

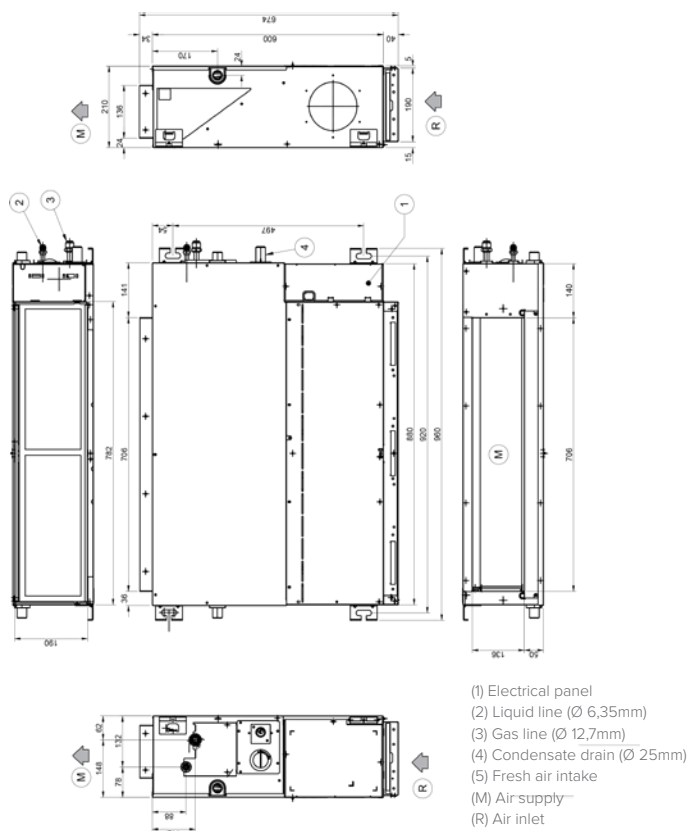
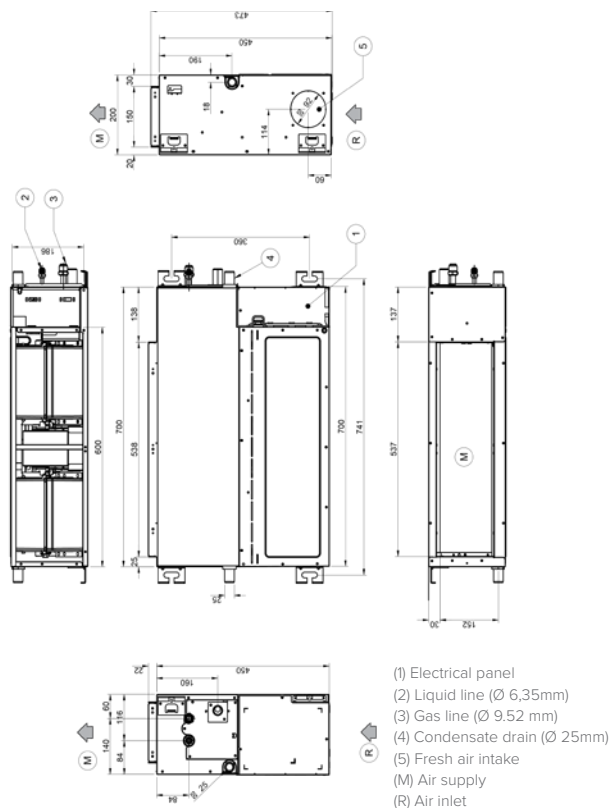
# DIMENSIONAL DRAWINGS

DUCT 2

ID3-XY 27M÷35M

DUCT 2

ID3-XY 53M

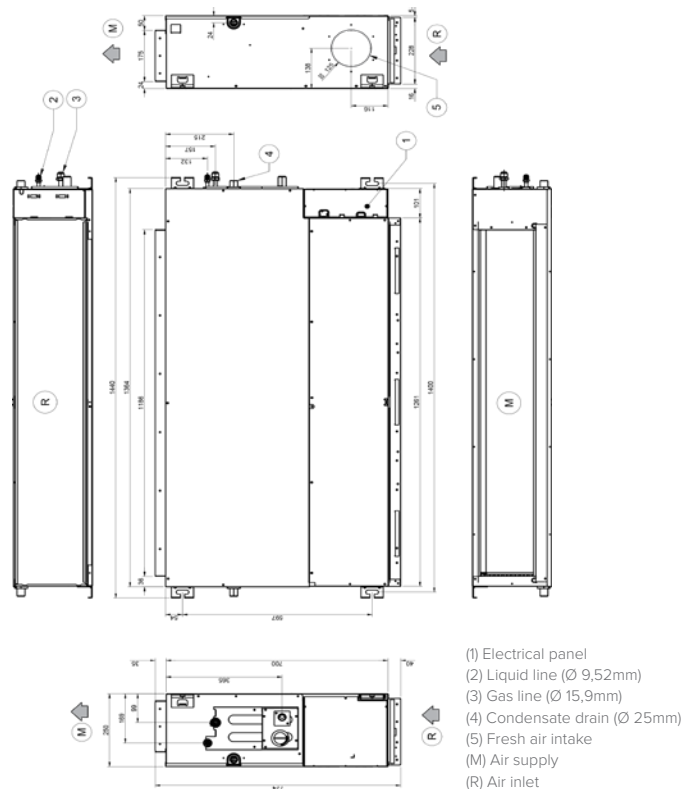
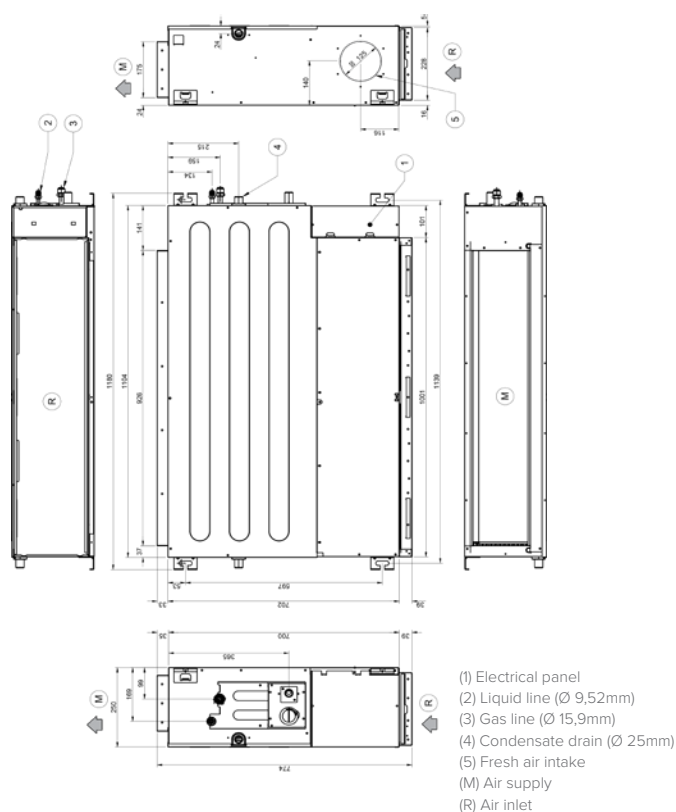


DUCT 2

ID3-XY 70M

DUCT 2

ID3-XY 105M



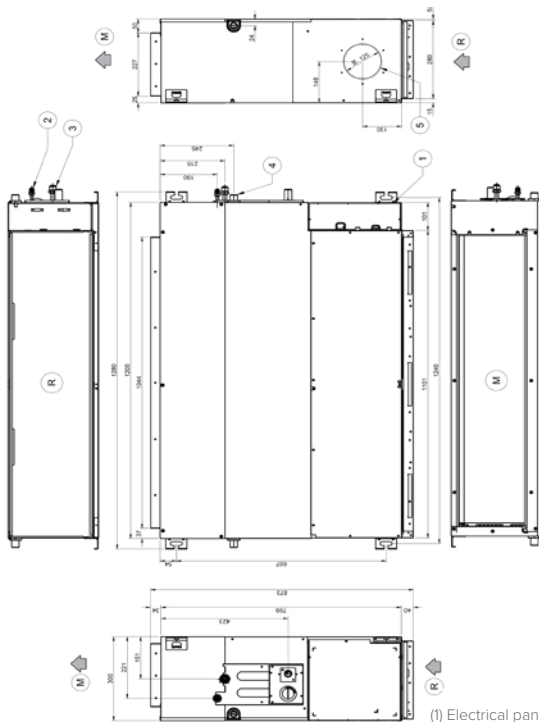
Unit of measurement: mm

# DIMENSIONAL DRAWINGS

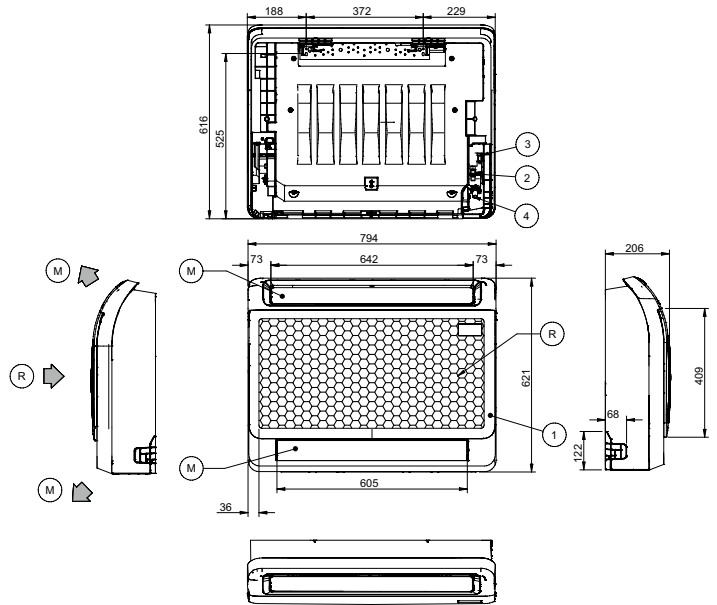
## DUCT 2

## ID3-XY 140M÷160M CONSOLE 3

## IC3-Y 27M ÷ 53M



- (1) Electrical panel
- (2) Liquid line (Ø 9,52mm)
- (3) Gas line (Ø 15,9mm)
- (4) Condensate drain (Ø 25mm)
- (5) Fresh air intake
- (M) Air supply
- (R) Air inlet

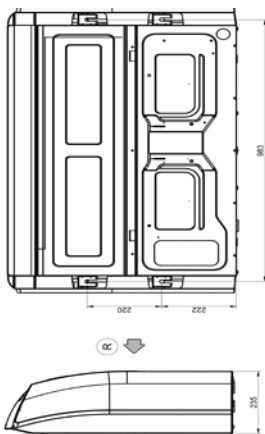


- (1) Electrical panel
- (2) Gas line (Ø 9,52mm per 27M/35M; Ø 12,7mm for 53M)
- (3) Liquid line (Ø 6,35mm)
- (4) Condensate drain (Ø 25mm)
- (M) Air supply
- (R) Air inlet

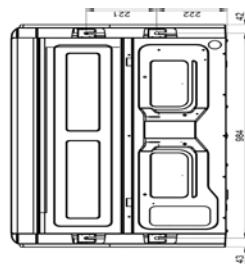
## CEILING & FLOOR 2

## IF3-XY 53M CEILING & FLOOR 2

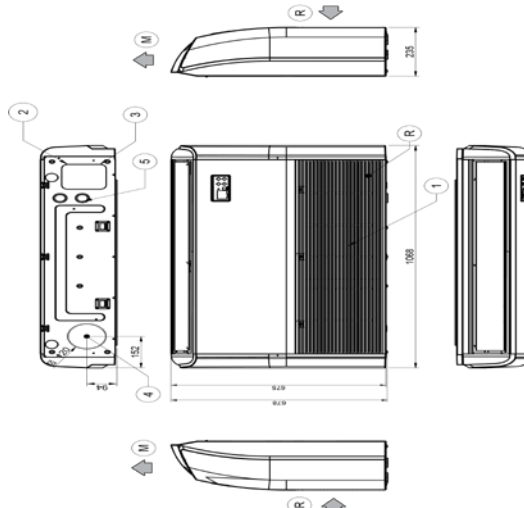
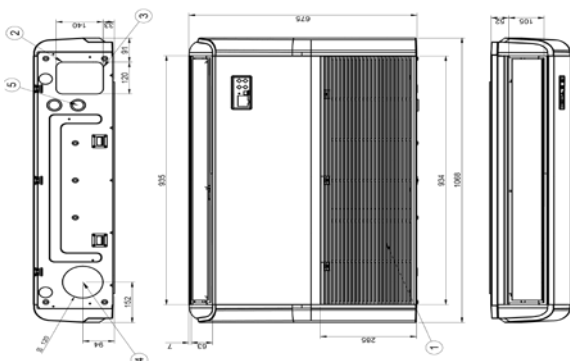
## IF3-XY 70M



- (1) Electrical panel
- (2) Liquid line (Ø 6,35mm)
- (3) Gas line (Ø 12,7mm)
- (4) Condensate drain (Ø 25mm)
- (5) Power input
- (M) Air supply
- (R) Air inlet



- (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 inlet

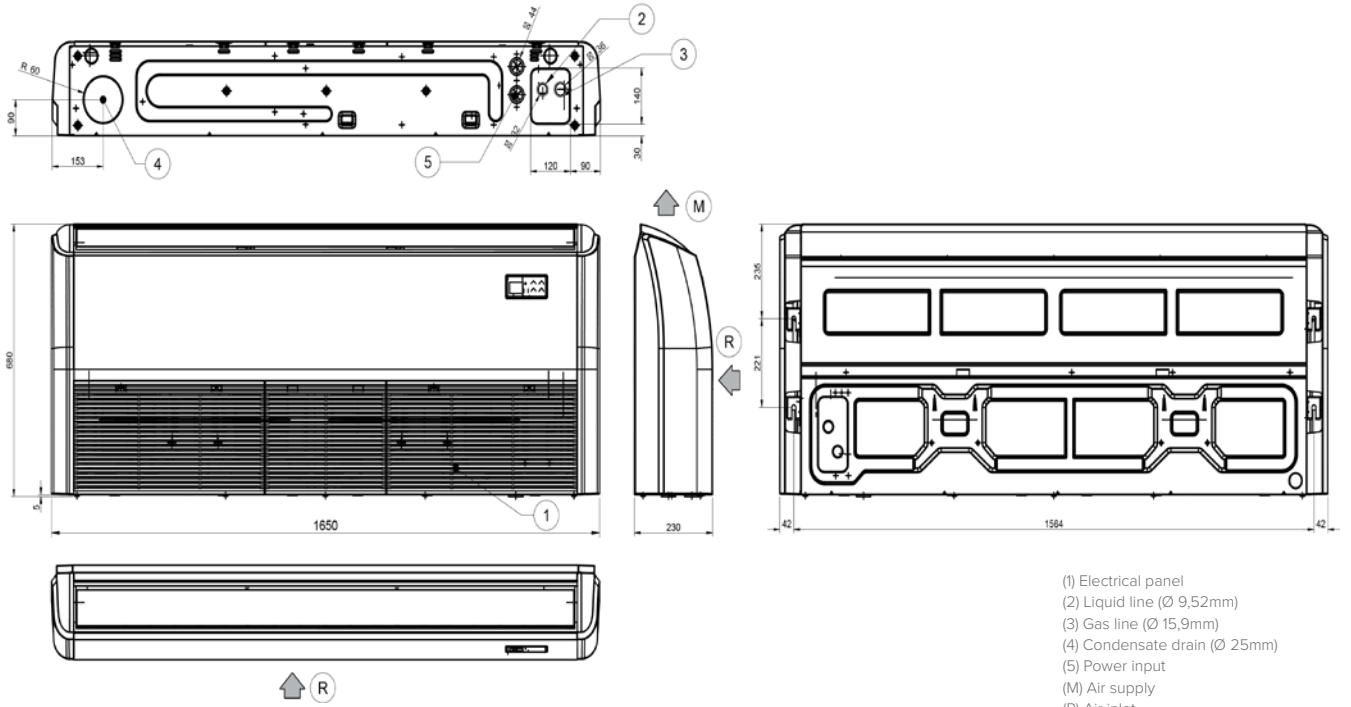


Unit of measurement: mm

# DIMENSIONAL DRAWINGS

CEILING & FLOOR 2

IF3-XY 105M÷140M÷160M



# INDEX

SERIES	SIZE FROM	A	MODEL NAME		PAGE
IH2 + MH2-Y	27M	35M	STELVIO	SINGLESplit	24
IMA1-Y + MMA1-Y	27M	70M	CRISTALLO 2	SINGLESplit	28
IM2-XY + MM2-Y	27M	70M	CRISTALLO	SINGLESplit	32
ILA1-Y + MLA1-Y	27M	70M	EZCool	SINGLESplit	36
IZ2-XY + MZ2Y	27M	70M	NATIV	SINGLESplit	40
MU2Y	41M	125M	ODU-SM 2	MULTISplit	44
IMA1-Y	27M	70M	CRISTALLO 2	MULTISplit	48
IM2-XY	20M	70M	CRISTALLO	MULTISplit	50
ILA1-Y	27M	70M	EZCool	MULTISplit	52
IZ2-XY	27M	70M	NATIV	MULTISplit	54
IB3-XY	27M	53M	BOX 2 650x650	MULTISplit	56
ID3-XY	27M	70M	DUCT 2	MULTISplit	58
IC3-Y	27M	53M	CONSOLE 3	MULTISplit	60
IF3-XY	53M	-	CEILING & FLOOR 2	MULTISplit	62
IB3 + MC3-Y	35M	53M	BOX 2 650X650	LIGHT COMMERCIAL	90
IA3 + MC3-Y	70M	160T	BOX 2 950X950	LIGHT COMMERCIAL	92
ID3 + MC3-Y	35M	160T	DUCT 2	LIGHT COMMERCIAL	94
IC3-Y + MC3-Y	35M	53M	CONSOLE 3	LIGHT COMMERCIAL	96
IF3 + MC3-Y	53M	160T	CEILING & FLOOR 2	LIGHT COMMERCIAL	98

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).

Data contained in this catalogue are not binding and may be changed by the Manufacturer without notice.  
No part of this publication may be reproduced.  
Updated data available on [www.clivet.com](http://www.clivet.com)

A thin yellow line that starts horizontally from the left edge of the page, then curves downwards and to the right, ending at the start of the text.

## ICONS GUIDE

A solid yellow vertical bar located on the right side of the page, extending from the top to the bottom.

# ICONS GUIDE

## ENERGY SAVING

- 1W Stand-by**  
Reduction of power consumption during the stand-by function.
- ECO**  
Energy-saving operation mode
- Sleep**  
Night operation program that reduce sound levels and maintain suitable temperatures.
- Holiday away**  
Energy-saving mode for long period staying outside home
- 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

## 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.
- Mute Operation**  
Deactivating audible warnings and switching off the display.
- Silent**  
Low noise operating profile
- Stepless Indoor Fan Speed**  
The fan speed is adjustable anywhere in the range 1%-100%
- 12 Grades Indoor Fan Speeds**  
Up to 12 grades indoor fan speeds, ensure more accurate control and bring more comfortable airflow.
- Stepless Outdoor Fan Speed**  
The fan speed is adjustable anywhere in the range 1%-100%.
- 7 Grades Outdoor Fan Speeds**  
Up to 7 grades outdoor fan speeds, ensure more accurate control and energy saving.
- 5 Grades Outdoor Fan Speeds**  
Up to 5 grades outdoor fan speeds, ensure more accurate control and energy saving.
- Anti-cold Air**  
This function can prevent cold air blowing out to avoid discomfort to the users.
- 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° Airflow Panel**  
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 harsh climates, ensuring optimal comfort.
- Auto Swing**  
It distributes cool/warm air to maximum area by moving horizontal flaps automatically.
- Long-Distance Windblast**  
Long supply airflow, for a better conditioning of every corner of the room.
- Hot Water (Heat/DHW)**  
Hot water production for Heating or DHW.
- Ultra-low ambient 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 Detect**  
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 Using**  
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.
- Low Ambient Cooling**  
Air conditioner can operate in cooling mode even at low ambient temperatures.
- Build-in Drain pump**  
Helps the indoor unit to dispose of condensation water.
- Chasis 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**  
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 prevent odours and mould growing
- Anti-legionella**  
Disinfection cycle to prevent the bacteria inside DHW tank

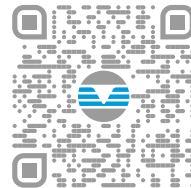
## CONVENIENCE

- 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 smartcontrol 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 Control**  
Wired controller can be fixed on the wall and avoid mislaying. It's mainly used for commercial zone and makes air conditioner control more convenient.
- Central Control Management**  
The centralized controller is a multi-functional device that can control up to 64 indoor units.
- BMS Management**  
Possible to manage the unit via BMS Software.
- Wi-Fi control**  
Possible to manage the unit via App.
- Single/Multi Compatible**  
Compatible indoor unit for both single and multi system. It comes in handy for warehouse management.
- Louver 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 resume.
- 2-way Draining**  
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 30 YEARS WE HAVE BEEN  
OFFERING SOLUTIONS TO ENSURE  
SUSTAINABLE COMFORT AND THE WELL-  
BEING OF PEOPLE AND THE ENVIRONMENT

[www.clivet.com](http://www.clivet.com)

**MideaGroup**  
*humanizing technology*



Valid from: April 2024  
DG24L502GB-01



**CLIVET S.p.A.**

Via Camp Lonc 25, Z.I. Villapaiera 32032 - Feltre (BL) - Italy  
Tel. +39 0439 3131 - [info@clivet.it](mailto:info@clivet.it)

**CLIVET GMBH**

Hummelsbütteler Steindamm 84,  
22851 Norderstedt, Germany  
Tel. +49 40 325957-0 - [info.de@clivet.com](mailto:info.de@clivet.com)

**Clivet Group UK LTD**

Units F5 & F6 Railway Triangle,  
Portsmouth, Hampshire PO6 1TG  
Tel. +44 02392 381235 -  
[Enquiries@Clivetgroup.co.uk](mailto:Enquiries@Clivetgroup.co.uk)

**CLIVET LLC**

Office 508-511, Elektrozavodskaya st. 24,  
Moscow, Russian Federation, 107023  
Tel. +7495 6462009 - [info.ru@clivet.com](mailto:info.ru@clivet.com)

**CLIVET MIDEAST FZCO**

Dubai Silicon Oasis (DSO) Headquarter Building,  
Office EG04-05, P.O Box-342009, Dubai, UAE  
Tel. +9714 5015840 - [info@clivet.ae](mailto:info@clivet.ae)

**Clivet South-East Europe d.o.o.**

Jaruščica 9b  
10000, Zagreb, Croatia  
Tel. +3851 222 8784 - [info.see@clivet.com](mailto:info.see@clivet.com)

**Clivet France SAS**

6, Allée Kepler - 77420 Champs-sur-Marne,  
France  
TEL : +331 88 60 99 40 - [info.fr@clivet.com](mailto:info.fr@clivet.com)  
SIREN: 920030145 - TVA: FR 67920030145

**Clivet Airconditioning Systems Pvt Ltd**

Office No.501 & 502,5th Floor, Commercial -I,  
Kohinoor City, Old Premier Compound, Off LBS  
Marg, Kiroi Road, Kurla West, Mumbai  
Maharashtra 400070, India  
Tel. +91 22 30930200 - [sales.india@clivet.com](mailto:sales.india@clivet.com)