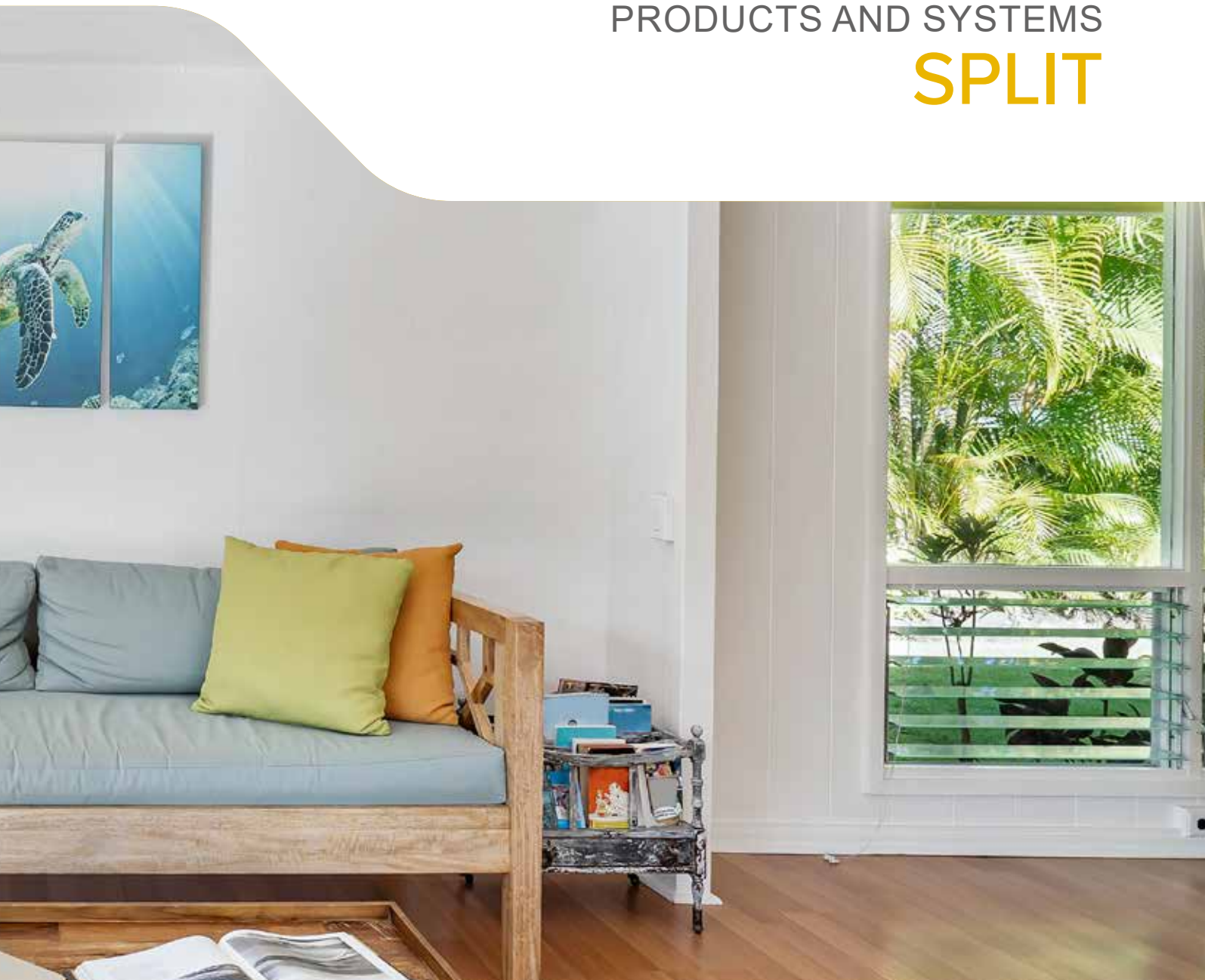




*GUIDE 2023*  
PRODUCTS AND SYSTEMS  
**SPLIT**



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

MULTI Split

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.

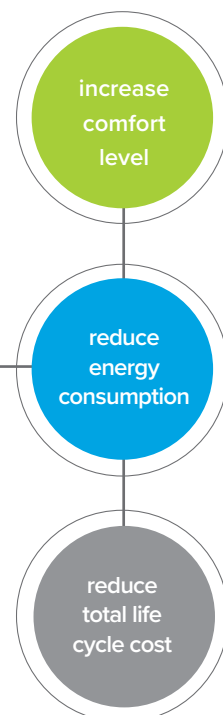


## COMFORT FOR THE PLANET & PEOPLE

## 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)

**35**  
AGENCIES  
IN ITALY

**780**  
EMPLOYEES IN ITALY AND  
ABROAD

**100**  
COUNTRIES WE  
EXPORT TO

**260**  
WHOLESALERS WITH  
CONTRACT

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

**160**  
SERVICE CENTRES

**2015**  
CLIVET LIVE IS BORN

**2016**  
STRATEGIC ALLIANCE  
WITH MIDEA GROUP

**2022**  
MIDEA GROUP #245 FORTUNE  
GLOBAL 500  
**44.025 €M**  
OF TURNOVER

# New additions to the 2023 range

## New EZCool SINGLE Split

- ✓ New model with an essential and elegant design
- ✓ High energy efficiency: Class A++/A+
- ✓ Sizes 27M, 35M, 53M, 70M
- ✓ Optional Wi-Fi connection
- ✓ Equipped with horizontally and vertically adjustable fins



## New CONSOLE 3 for MULTI Split and LIGHT COMMERCIAL systems



- ✓ Aesthetic design panel
- ✓ Compact: it is only 200mm deep, 5% less than the previous model
- ✓ Dual air supply, one upper and one lower for the optimal comfort

## Extended compatibility for the DUCT 2 indoor unit in MULTI Split systems

New size 70M for the Duct 2 indoor unit that can be installed with the MULTI Split system.





# Choose the right system

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

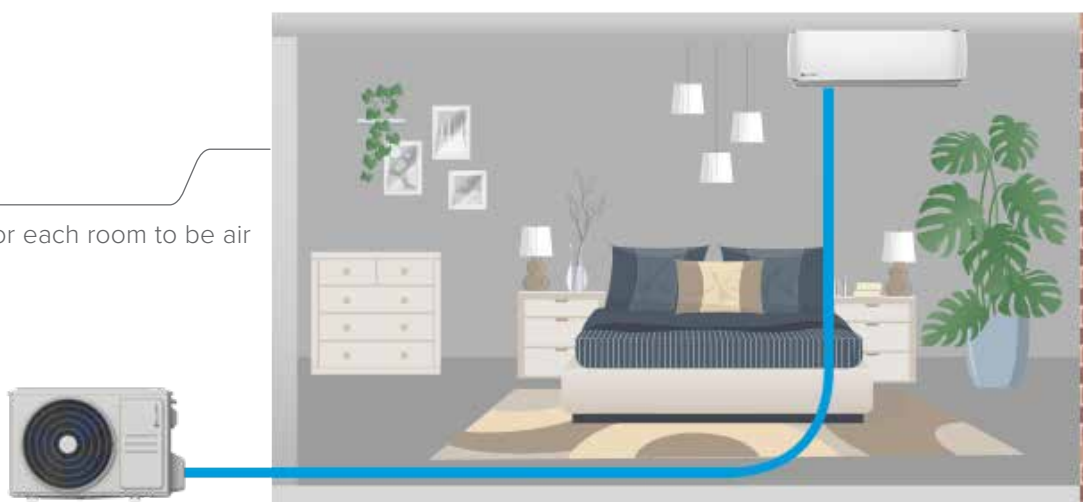
An oversized system does not guarantee a uniform temperature or a good dehumidification and operates inefficiently by alternating continuous start/stop, wearing out quickly.

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

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

## SINGLE Split / Light Commercial

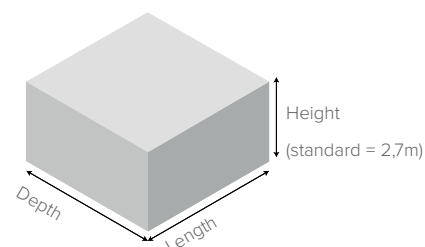
One outdoor unit for each room to be air conditioned.



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

NOTE:

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



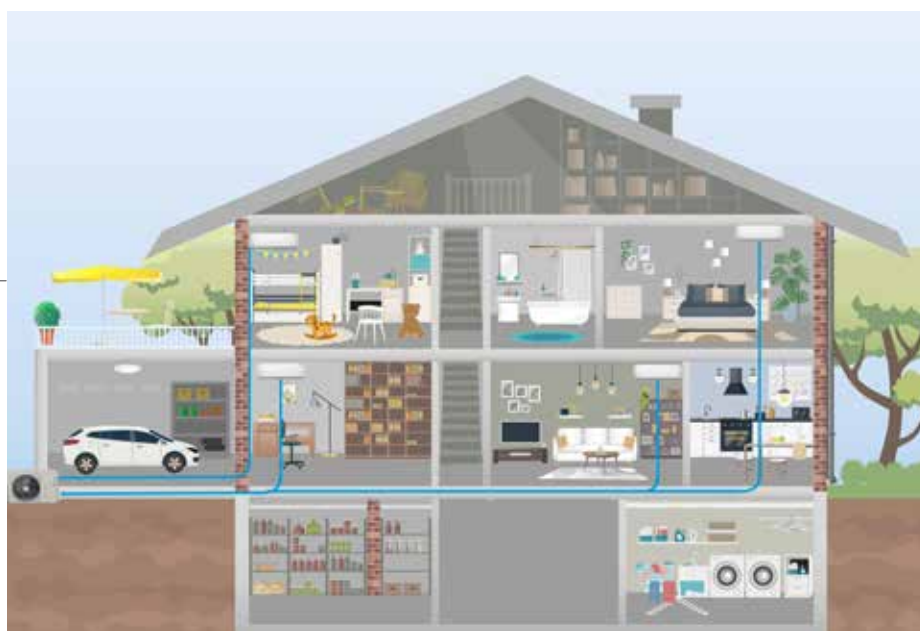
Room volume = length x depth x height

### 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

Version				Capacity and Efficiency						Energy class	
Set	Unit	Code	Power supply	kW	Cooling Btu/h	SEER	kW	Heating Btu/h	SCOP	Cooling	Heating
27M	IDU	IM2-XY 27M	89102292	230/1/50	<b>2,6 (1,0~3,2)</b>	<b>9.000 (3.500~11.000)</b>	<b>6,9</b>	2,9 (0,8~3,4)	10.000 (2.800~11.500)	4,0	A++
	ODU	MM2-Y 27M	89122244	230/1/50							A+

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

Version			Capacity				Energy class
Set	Code	Connectable Indoor Units	Cooling		Heating		Cooling/Heating
			kW	Btu/h	kW	Btu/h	
MU2-Y 105M	89112261	QUADRI (1÷4)	<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

### 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:

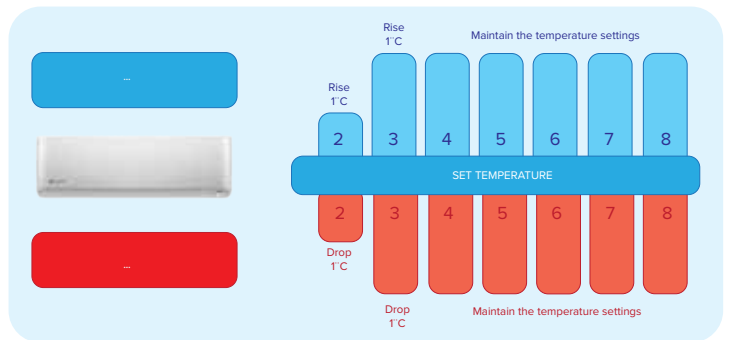
**COOLING:** the set temperature increases by 1°C/h for 2 hours and the fan of the indoor unit is set at low speed.

**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

## 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

## 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.

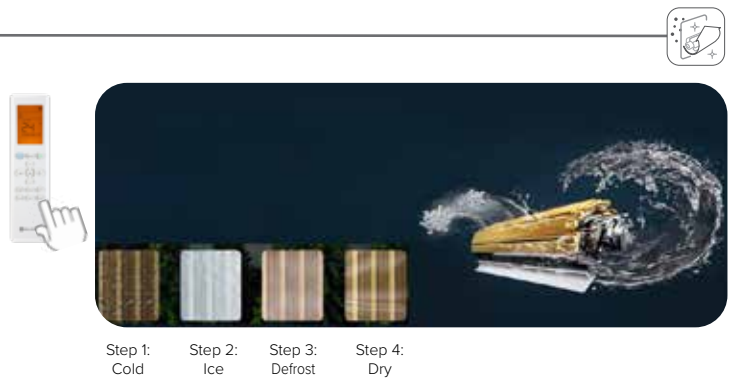


### i-clean

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)

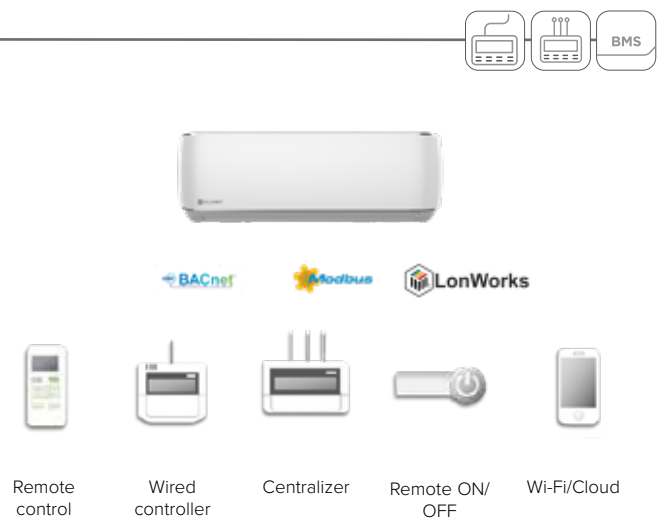


## CONVENIENCE

### 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°C to +60°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.



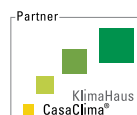
Clivet products comply with applicable **product Directives**, as required in all EU countries, in order to guarantee an appropriate level of safety.



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 become 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 to water chillers and heat pumps up to 1500 kW (water-cooled units) and 600 kW (Air-cooled units), to rooftops up to 200 kW, to air handling units and to VRF up to 100 kW. Where applicable.

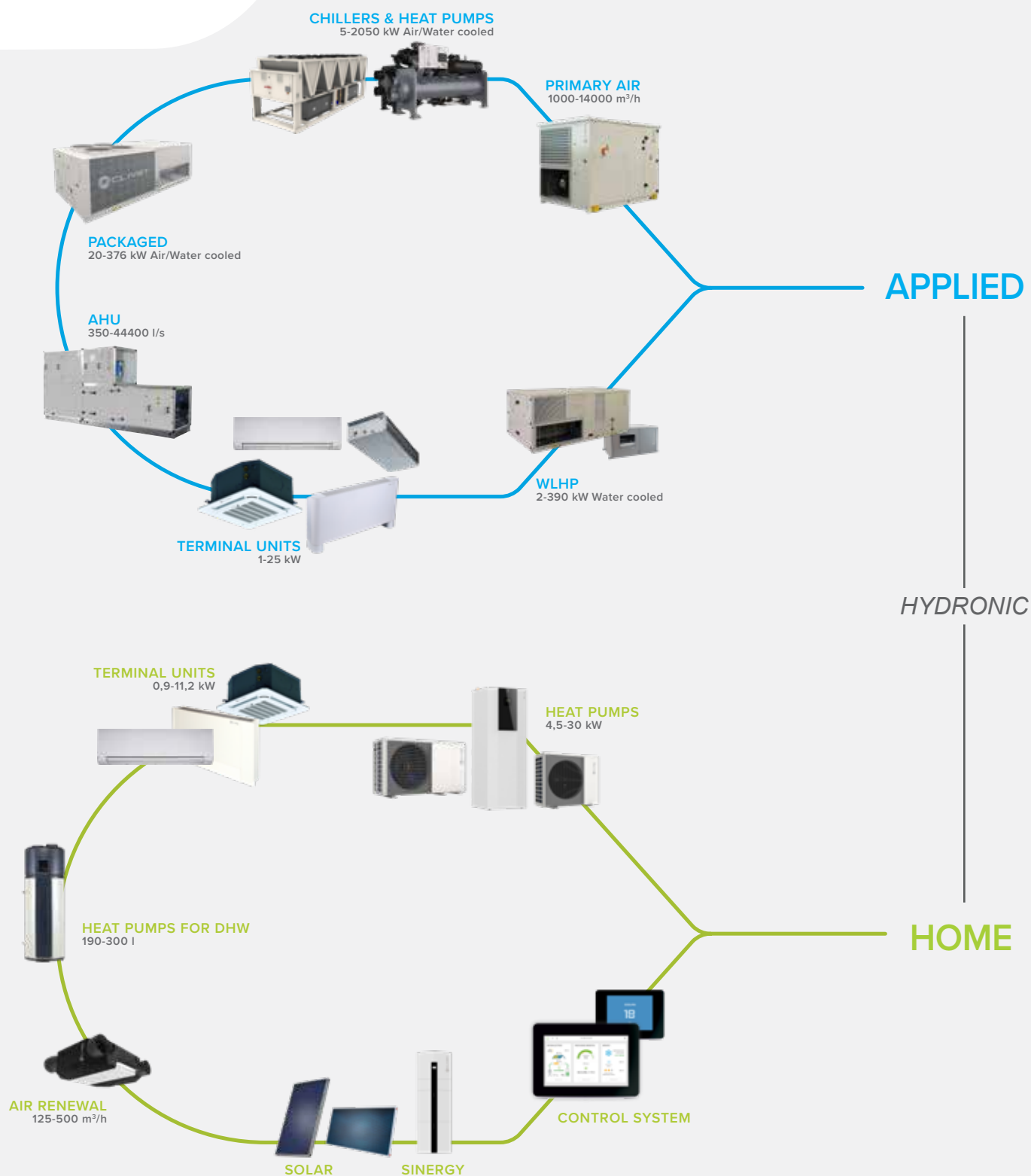


The wide range of Clivet products and complete systems comply with the requirements of the implementing measures for ErP (Energy related Products) Directives 2009/125/EC (Eco-design) and 2010/30/EU (Energy labelling), whose purpose is to reduce the energy consumption of products for heating, cooling,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

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

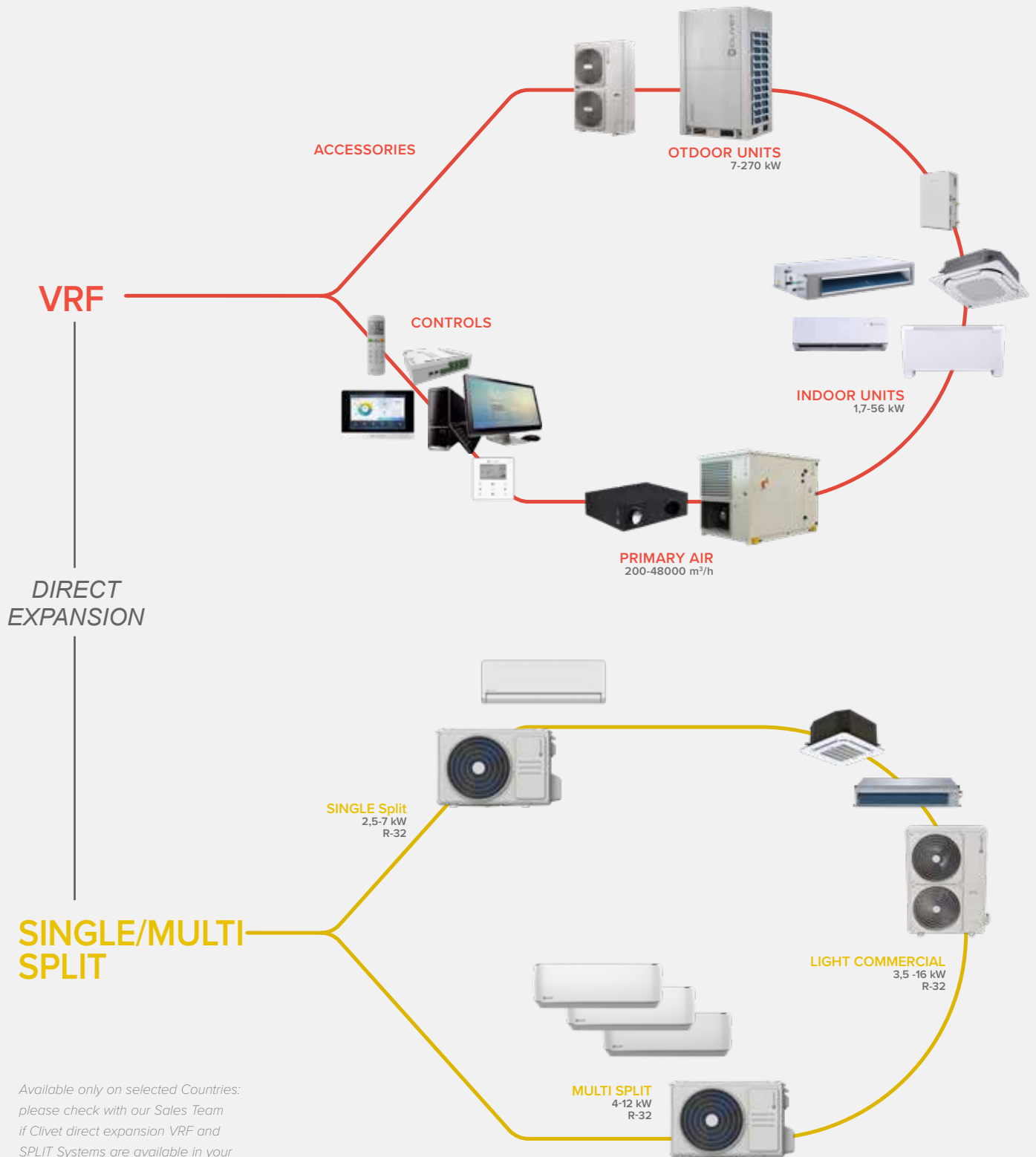


# ALL TECHNOLOGIES FOR A COMPLETE PROPOSAL





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.



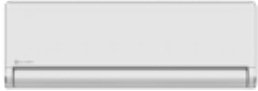







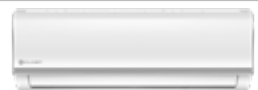





MONO/MULTI SPLIT

# SINGLE Split



	Name		Type	Serie	Class	Size	27M	35M	53M	70M
						Btu/h kW	9000 2,6	12000 3,5	18000 5,3	24000 7,0
	STELVIO			Wall	IH2-Y MH2-Y	▶ A+++ ▶ A+++	●	●		
	SCHIARA 2			Wall	IE2-Y ME2-Y	▶ A+++ ▶ A++	●	●		
	CRISTALLO			Wall	IM2-XY MM2-Y	▶ A++ ▶ A+	●	●	●	●
	EZCool <sup>NEW</sup>			Wall	ILA1-Y MLA1-Y	▶ A++ ▶ A+	●	●	●	●
	ESSENTIAL 2 to exhaustion			Wall	IL3-XY ML3-Y	▶ A++ ▶ A+	●	●	●	●
	NATIV			Wall	IZ2-XY MZ2-Y	▶ A++ ▶ A+	●	●	●	●


All units are supplied with standard remote control

# MULTI Split



	Name	Type	Serie	Size	20M	27M	35M	53M	70M	80M
				Btu/h kW	8000 2,0	9000 2,6	12000 2,6	18000 5,3	24000 7,0	27000 8,0
INDOOR UNITS	SCHIARA 2	Wall	IE2-Y			●	●			
	CRISTALLO	Wall	IM2-XY	● to exhaustion		●	●	●	●	
	ESSENTIAL 2 to exhaustion	Wall	IL3-XY	●	●	●	●	●	●	
	NATIV	Wall	IZ2-XY			●	●	●	●	
	BOX 2 650x650	Cassette	IB3-XY			●	●	●		
	CONSOLE 3 <sup>NEW</sup>	Console	IC3-Y			●	●	●		
	DUCT 2	Ductable	ID3-XY			●	●	●	● <sup>NEW</sup>	
	CEILING & FLOOR 2	Ceiling/Floor	IF3-XY					●		
	HYDRO-M	Hydronic module	IHM1-Y							●







All units are supplied with standard remote control, Hydro-M has an on-board control

	Name	Type	Serie	Class	Connectable Indoor Units	Size	41M	53M	61M	79M	82M	105M	125M
						Btu/h kW	14000 4,1	18000 5,3	21000 6,2	27000 7,9	28000 8,2	36000 10,6	42000 12,3
OUTDOOR UNITS	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

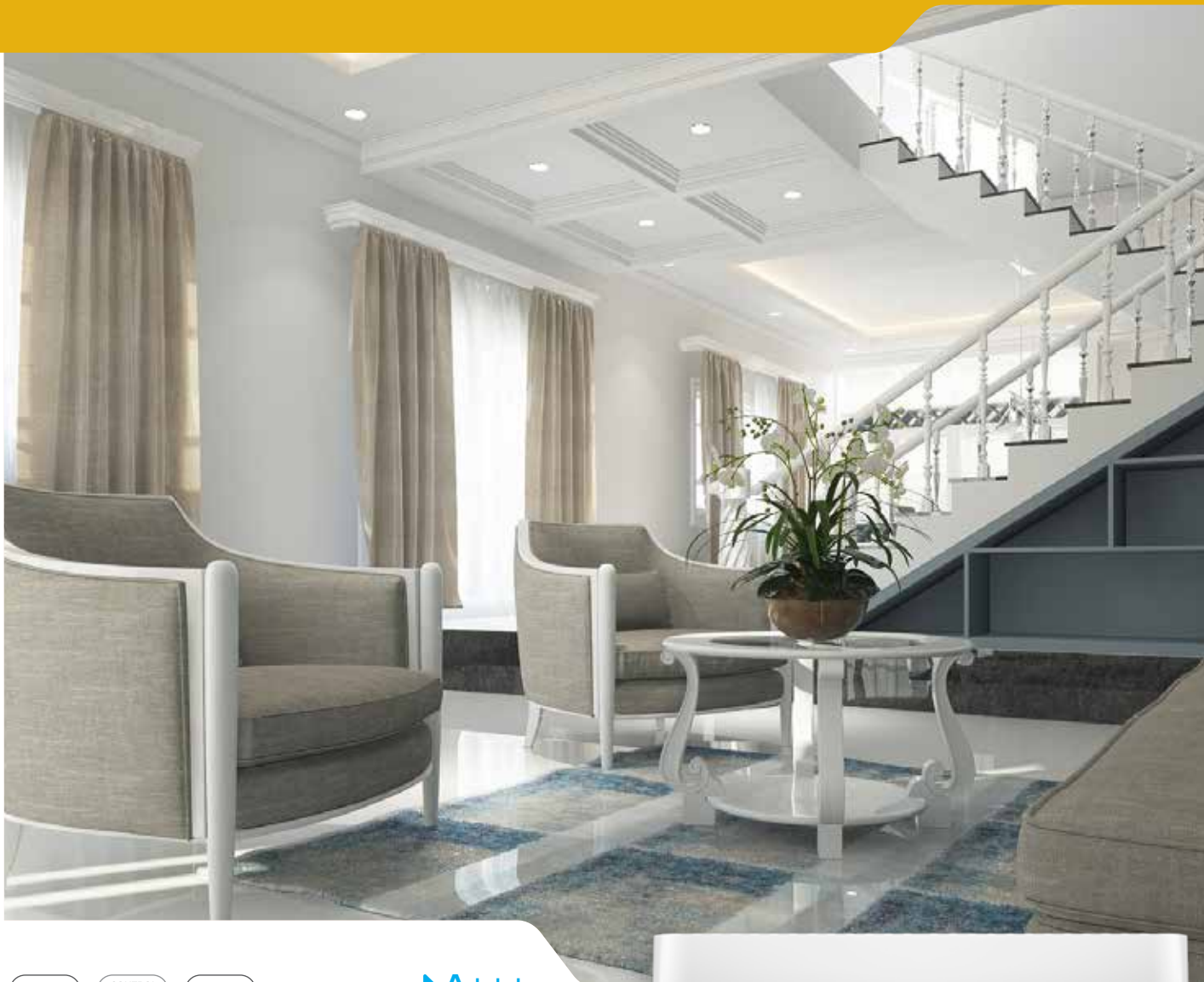
## LIGHT COMMERCIAL

DC Inverter

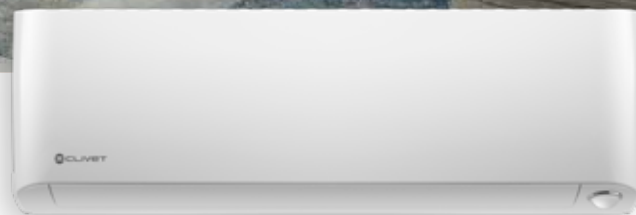
	Name	Type	Serie	Class	Size	35M	53M	70M	88M	105M 105T	120M	140T	160T
					Btu/h kW	12000 3,5	18000 5,3	24000 7,0	30000 8,8	36000 10,5	42000 12	48000 14,0	55000 16,1
BOX 2 650x650		Cassette	IB3-XY MC3-Y	▶ A++ ▶ A+		SINGLE	SINGLE						
BOX 2 950x950		Cassette	IA3-XY MC3-Y	▶ A++ ▶ A+			SINGLE TWIN	SINGLE TWIN	SINGLE	SINGLE	SINGLE	SINGLE	SINGLE
CONSOLE 3		Console	IC3-Y MC3-Y	▶ A++ ▶ A+		SINGLE	SINGLE						
DUCT 2		Ductable	ID3-XY MC3-Y	▶ A++ ▶ A+		SINGLE TWIN	SINGLE TWIN	SINGLE TWIN	SINGLE TWIN	SINGLE	SINGLE	SINGLE	SINGLE
CEILING & FLOOR 2		Ceiling/ Floor	IF3-XY MC3-Y	▶ A++ ▶ A+			SINGLE TWIN	SINGLE TWIN		SINGLE		SINGLE	SINGLE
STANDING to exhaustion		Tower	IS3-XY MC3-Y	▶ A++ ▶ A+								SINGLE	

# STELVIO 27M ÷ 35M

SINGLE Split



▶A+++  
▶A+++



## SINGLE Split 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

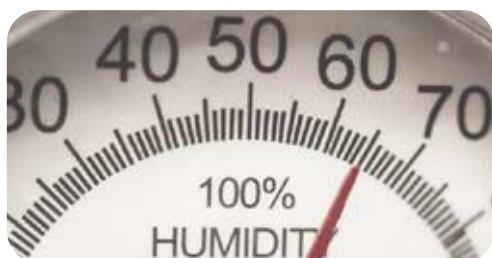


50°C

-30°C

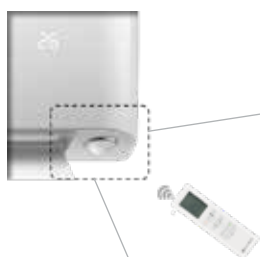


## HUMIDITY MANAGEMENT



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

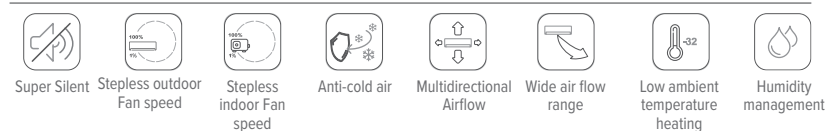


No movement for 2 hours:  
**stand-by**

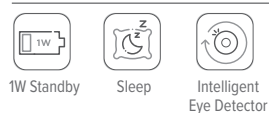


New movement:  
**restarts** at the last settings

## COMFORT



## ENERGY SAVING



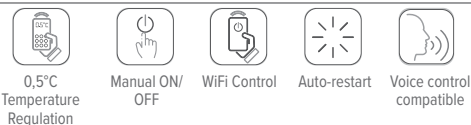
## RELIABILITY



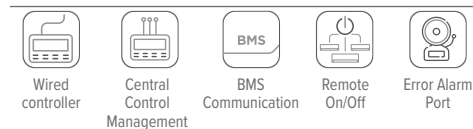
## HEALTH



## CONVENIENCE



## OPTIONAL



## 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 (1,0~4,2)	3,50 (1,0~4,8)
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 (0,8~7,0)	4,20 (0,8~7,2)
Standard power supply	Cooling (Min.~Max.)		W	483 (87~1.955)	748 (102~1.955)
	Heating (Min.~Max.)		W	834 (104~1.955)	924 (104~2.625)
Rated current input	Cooling (Min.~Max.)		TO	2,1 (0,4~8,5)	3,25 (0,4~8,5)
	Heating (Min.~Max.)		TO	3,6 (0,45~8,5)	4,01 (0,45~11,4)
Seasonal efficiency <sup>1</sup>	Cooling	Energy class	-	A+++	A+++
		Design load (Pdesign)	kW	3,0	3,5
		SEER	-	9,20	9,20
		Annual energy consumption	kWh/a	130	130
	Heating	Energy class	-	A+++	A+++
		Design load (Pdesign)	kW	2,2	2,2
		SCOP	-	5,30	5,30
		Annual energy consumption	kWh/a	620	620
	Average season	Energy class	-	A+++	A+++
		SCOP	-	6,00	6,00
Standard efficiency <sup>2</sup>	EER		-	5,38	4,68
	COP		-	4,92	4,55

## Indoor unit

IH2-Y				27M	35M
Code				87012278	87022241
Dimensions	Unit	L x D x H	mm	895x248x298	895x248x298
	Packaging	L x D x H	mm	985x370x350	985x370x350
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	1,0	1,2
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
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"

## accessories

### Standard

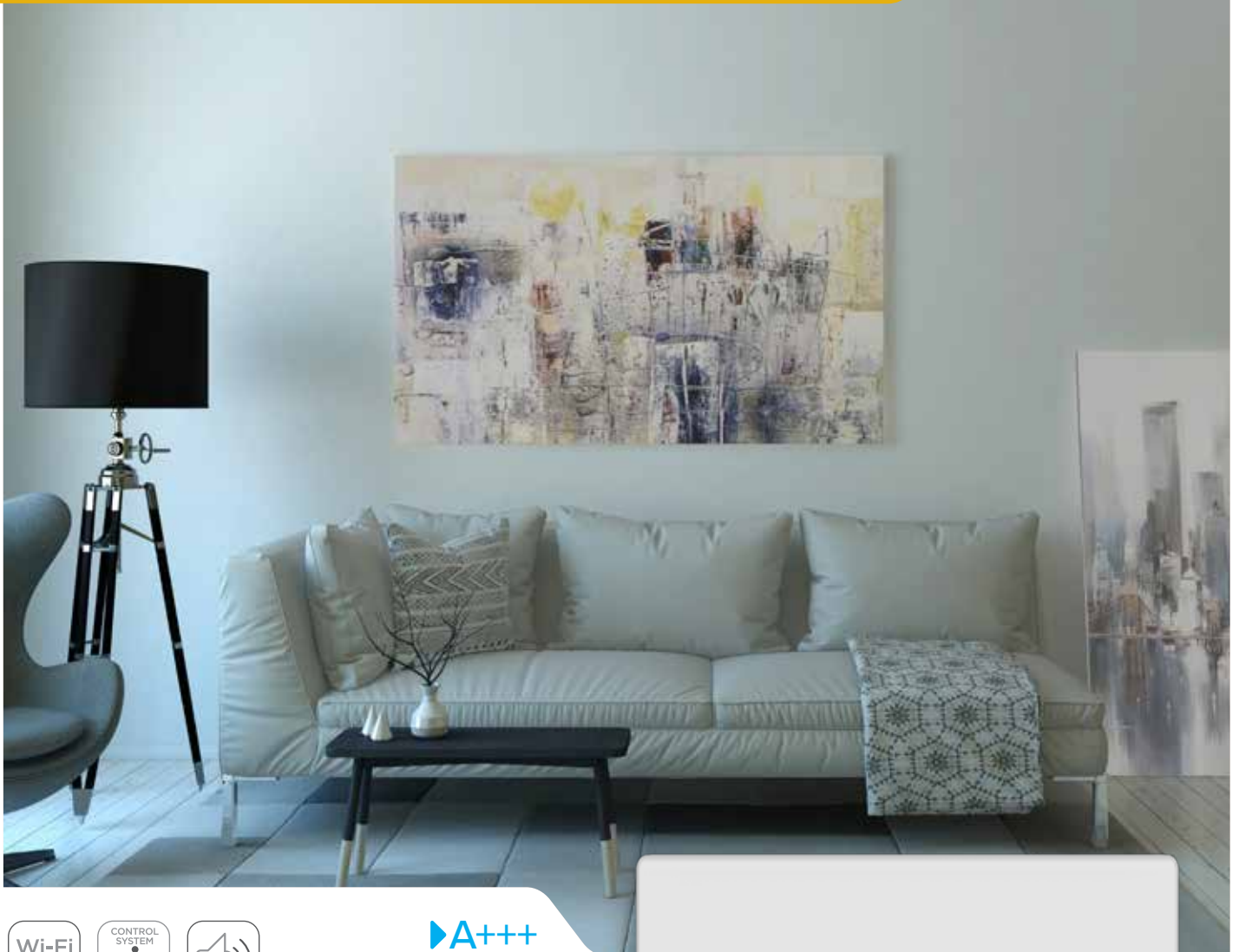
<b>RG10P1-G2HS-BGEF</b>	Infrared remote control for STELVIO indoor units
<b>NWMX</b>	Wi-fi kit for indoor units

### Optionals

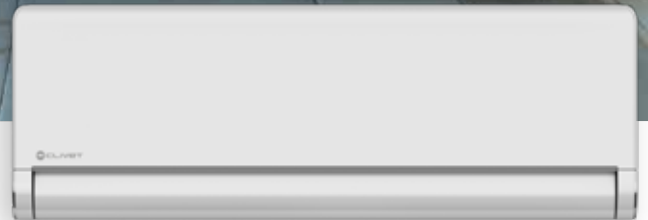
<b>MBLCX</b>	Multifunction board that makes the indoor unit available for Remote ON / OFF, Alarm port and XYE Port (required for connection of Wired controller, Centralized wired controller, Data Converter, BMS Gateway) <i>The ON-OFF/Alarm/XYE/Wi-Fi port functions can be used simultaneously</i>
<b>Control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

# SCHIARA 2 27M ÷ 35M

SINGLE Split



▶A+++  
▶A++



## SINGLE Split with hiwall indoor unit

### WHY CHOOSE SCHIARA 2?

- ✓ Smart management as standard: via smartphone with the NetHome Plus App and voice control setup with Amazon Alexa and Google Assistant.
- ✓ Purification filter: active against odours, dust, VOC, pollen, spores, bacteria
- ✓ Extremely wide air distribution thanks to the 180° motorized louver rotation
- ✓ SINGLESplit/MULTISplit compatible

## 180° LOUVER

The horizontal louvers can rotate up to 180° for better air distribution and silent operation.

(A conventional air conditioner works on an amplitude of about 70°)



## CASCADE: FAST ROOM COOLING

The function allows rapid cooling of the room by setting a standard operation profile:

- ✓ the louver can be set in two positions: to let the air flow downwards or frontally
- ✓ the louvers swing automatically
- ✓ the fan moves at AUTO speed

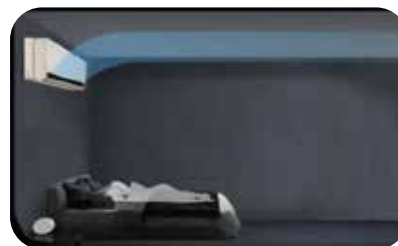


## BREEZE AWAY

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

The deflector can be set in two positions: so that the air flows downwards, typically in Heating, or frontally, typically in Cooling.

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



Stepless outdoor Fan speed



Anti-cold air



Multidirectional Airflow



180° louver



High Air Outlet Temperature



Breeze away



Cascade

## RELIABILITY



Self-diagnosis Function



Emergency Function



Opposite fan rotation

## CONVENIENCE



WiFi Control



Single/Multi Compatible



Auto-restart



0.5°C Temperature Regulation



Voice control compatible

## ENERGY SAVING



1W Standby



Sleep

## HEALTH



High Density filter



Purification filter



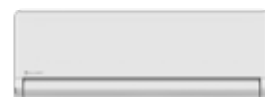
i-clean



Wi-Fi NWMX (standard)



REMOTE CONTROL RG10X1-G2HS-BGEF (standard)



IE2-Y



ME2-Y

## technical data

Set				27M	35M
Cooling capacity	Standard (Min.~Max.)	Btu/h		9.000 (4.200~11.300)	12.000 (4.500~14.700)
	Standard (Min.~Max.)	kW		2,60 (1,2~3,3)	3,50 (1,3~4,3)
Heating capacity	Standard (Min.~Max.)	Btu/h		10.000 (2.900-12.700)	13.000 (3.000~15.000)
	Standard (Min.~Max.)	kW		2,90 (0,8~3,7)	3,80 (0,9~4,4)
Standard power supply	Cooling (Min.~Max.)	W		600 (100~1.260)	900 (130~1.650)
	Heating (Min.~Max.)	W		623 (110-1.320)	950 (120~1.500)
Rated current input	Cooling (Min.~Max.)	TO		2,6 (0,4~5,5)	3,91 (0,6~7,2)
	Heating (Min.~Max.)	TO		2,7 (0,4-5,7)	4,13 (0,5~6,5)
Seasonal efficiency <sup>1</sup>	Cooling	Energy class	-	A+++	A+++
		Design load (Pdesign)	kW	2,6	3,5
		SEER	-	8,80	8,50
		Annual energy consumption	kWh/a	103	146
	Heating	Energy class	-	A++	A++
		Design load (Pdesign)	kW	2,5	2,5
		SCOP	-	4,60	4,60
		Annual energy consumption	kWh/a	776	776
	Average season	Energy class	-	A+++	A+++
		SCOP	-	6,00	6,00
Standard efficiency <sup>2</sup>	EER	-		4,33	3,91
	COP	-		4,65	4,01

## Indoor unit

IE2-Y				27M	35M
Code				87012283	89092266
Dimensions	Unit	L x D x H	mm	920x321x211	920x321x211
	Packaging	L x D x H	mm	1005x385x295	1005x385x295
System weight	Unit/Packaging		kg	11,3/14,2	11,3/14,2
Air filter	Type		-	PUF	
Airflow		Hi/Mid/Lo	m <sup>3</sup> /h	700/515/425	700/515/425
Dehumidification capacity			l/h	1,0	1,2
Sound power		Hi	dB(A)	53	53
Sound pressure level		Hi/Mid/Lo	dB(A)	40/32,5/21,5	40/32,5/21,5
Control systems	Infrared remote control		-	RG10X1-G2HS-BGEF	
	Settable temperature		°C	16~30	
Power supply	Voltage/Frequency/Phases		V/Hz/n°	230 / 50 / 1	

## Outdoor unit

ME2-Y				27M	35M
Code				87012282	89112220
Dimensions	Unit	L x D x H	mm	765x303x555	765x303x555
	Packaging	L x D x H	mm	887x337x610	887x337x610
System weight	Unit/Packaging		kg	26,4/28,8	26,4/28,8
Sound power		Nominal	dB(A)	62	62
Sound pressure level		Nominal	dB(A)	53,5	53,5
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.

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.

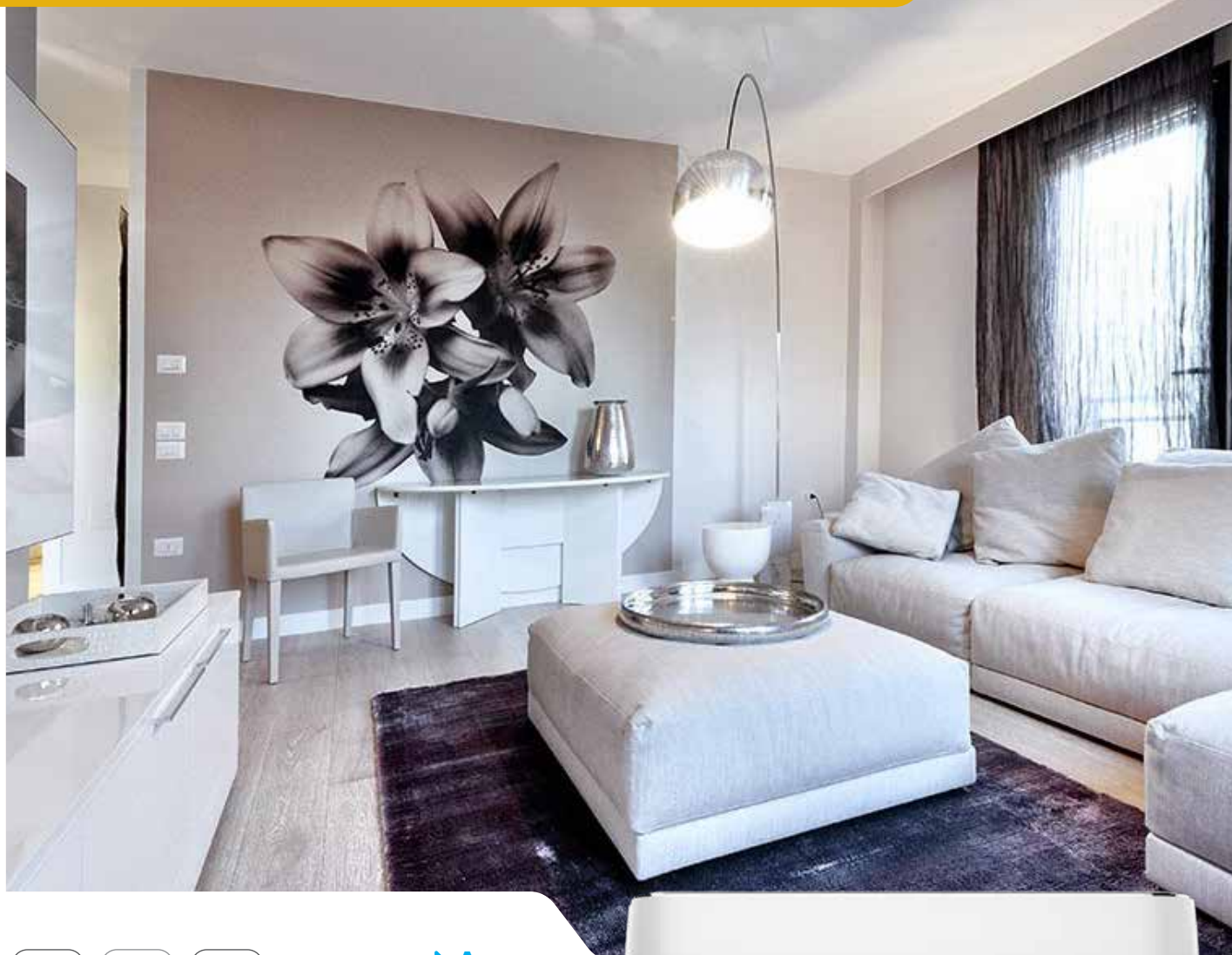
Data declared according to UE 626/2011 delegated regulation

## refrigerant piping and connections

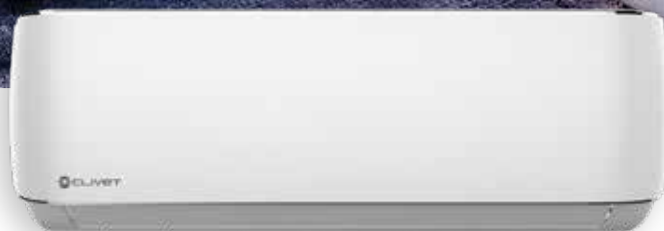
Set			27M	35M
Max equivalent length		m	25	25
Max difference in level ODU / IDU		m	±10	±10
Refrigerant precharge		kg / m	0,70 / 5	0,70 / 5
External diameters	Liquid	mm / inch	Φ6,35 - 1/4"	Φ6,35 - 1/4"
	Gas	mm / inch	Φ9,52 - 3/8"	Φ9,52 - 3/8"

## accessories

Standard	
RG10X1-G2HS-BGEF	Wireless remote controller for SCHIARA 2 indoor units
NWMX	Wi-fi kit for indoor units



▶A++  
▶A+



## SINGLE Split 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

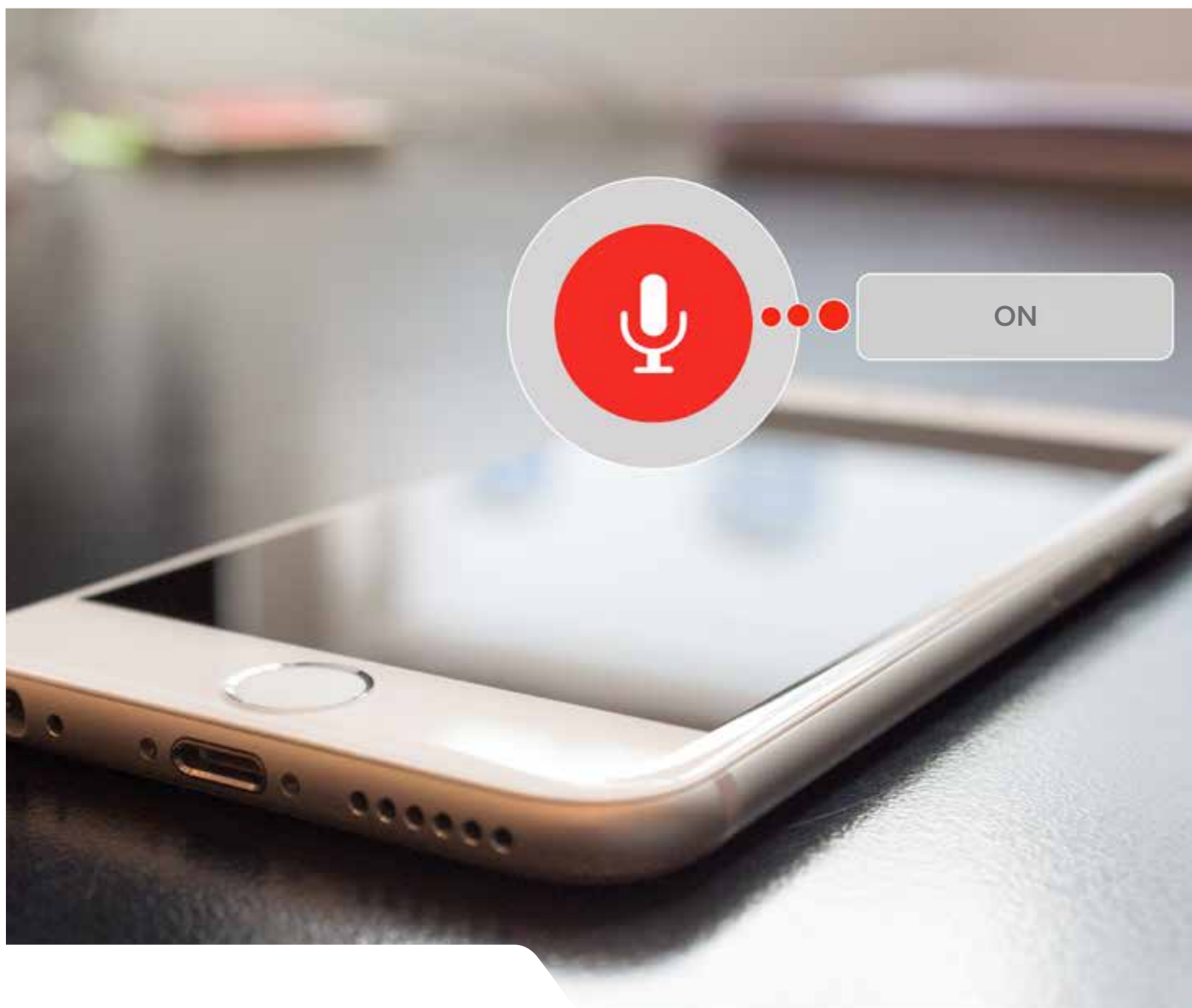
The air conditioning unit can distribute the flow of air in multiple directions: to better direct the flow within the room, it electronically adjusts the direction of the louvers both horizontally and vertically.



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



SINGLE Split



## COMFORT



Super Silent

12 Indoor Fan  
Speeds Levels

Anti-cold air

Multidirectional  
Airflow

## RELIABILITY

Self-diagnosis  
FunctionEmergency  
FunctionOpposite  
fan rotation

## CONVENIENCE



WiFi Control

Single/Multi  
Compatible

Auto-restart

Voice control  
compatible

## ENERGY SAVING



1W Standby



Sleep

## HEALTH

High Density  
filterCold Catalyst  
filter

Self-Cleaning

## OPTIONAL

Wired  
controllerCentralised  
controlBMS  
CommunicationRemote  
On/OffWi-Fi  
NWMX  
(standard)WIRED REMOTE CONTROL  
KJR-120X1-TFBG-E  
(optional)  
(necessary kit MBLCX)REMOTE CONTROL  
RG10A4-D-BGEF  
(standard)

IM2-XY



MM2-Y

## 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 (11,570~20,000)	24,000 (7,200~28,000)
	Standard (Min.~Max.)	kW		2,64 (1,0~3,2)	3,52 (1,4~4,3)	5,27 (3,4~5,9)	7,03 (2,1~8,4)
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 (0,8~3,4)	3,81 (1,1~4,4)	5,57 (3,1~5,8)	7,33 (1,6~8,2)
Standard power supply	Cooling (Min.~Max.)	W		740 (80~1,100)	1,140 (120~1,650)	1,550 (560~2,050)	2,510 (420~3,200)
	Heating (Min.~Max.)	W		780 (70~990)	1,080 (110~1,480)	1,500 (780~2,000)	2,130 (300~3,100)
Rated current input	Cooling (Min.~Max.)	TO		4,95 (0,35~4,78)	5,10 (0,5~7,2)	6,7 (2,4~9)	10,9 (1,8~13,9)
	Heating (Min.~Max.)	TO		3,50 (0,32~4,32)	4,80 (0,5~6,4)	6,5 (3,4~8,7)	9,46 (1,4~14,4)
Seasonal efficiency <sup>1</sup>	Cooling	Energy class	-	A++	A++	A++	A++
		Design load (Pdesign)	kW	2,7	3,5	5,3	7,0
		SEER	-	6,90	7,00	7,00	6,50
		Annual energy consumption	kWh/a	137	180	265	377
	Heating	Energy class	-	A+	A+	A+	A+
		Design load (Pdesign)	kW	2,7	2,9	4,1	4,9
		SCOP	-	4,00	4,10	4,00	4,00
		Annual energy consumption	kWh/a	945	990	1,435	1,730
	Average season	Energy class	-	A+++	A+++	A+++	A+++
		SCOP	-	5,30	5,40	5,10	5,10
Standard efficiency <sup>2</sup>	EER	-		3,56	3,27	3,23	3,25
	COP	-		3,76	3,71	3,71	3,80

## Indoor unit

IM2-Y				27M	35M	53M	70M
Code				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	1155x415x320
System weight	Unit/Packaging		kg	7,3/9,7	8,6/11,1	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	1,0	1,2	1,8	2,7
Sound power		Hi	dB(A)	56	55	57	63
Sound pressure level		Hi/Mid/Lo	dB(A)	39/32/26	39/32/26	43/33,5/28	47/41,5/30,5
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
Code				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	23,2/25	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	55,5	60,5
Operating range	Cooling	Indoor T.	°C			17~32	
		Outdoor T.	°C			-15~50	
	Heating	Indoor T.	°C		0~30		0~30
		Outdoor T.	°C		-15~30		-20~30
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	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	1,1 / 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"

## accessories

### Standard

<b>RG10A4-D-BGEF</b>	Infrared remote control for CRISTALLO / ESSENTIAL 2 indoor units
<b>NWMX</b>	Wi-fi kit for indoor units

### Optionals

<b>MKSSX</b>	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) <i>Only one function among ON-OFF/Alarm/XYE/Wi-Fi can be used simultaneously</i>
<b>Control systems</b>	(learn more at Control System page)

# ESSENTIAL 2 27M ÷ 70M

TO EXHAUSTION

SINGLE Split



▶A++  
▶A+



## SINGLE Split with hiwall indoor unit

### WHY CHOOSE ESSENTIAL 2?

- ✓ Silent Mode
- ✓ Can operate in cooling mode even at low outdoor temperatures
- ✓ SINGLESplit/MULTISplit compatible

## FOLLOW-ME FUNCTION

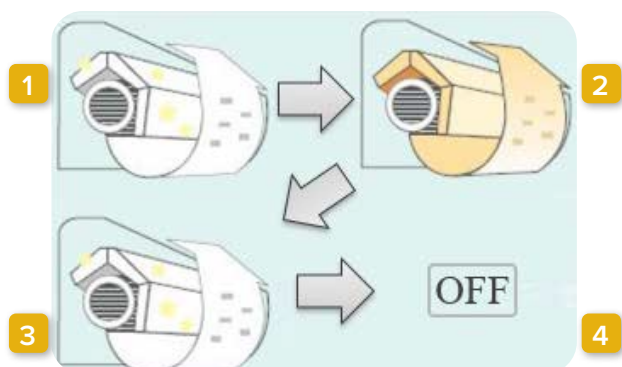
The system gives priority to the temperature sensor in the remote control and adjusts itself accordingly.



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

## AUTO-CLEANING FUNCTION

Dries and cleans the indoor unit's exchanger, prevents the emission of bad odours into the environment.



1. Ventilation
2. Heating
3. Ventilation
4. Stand-by



## COMFORT



Super Silent

12 Indoor Fan  
Speeds Levels

Anti-cold air

Multidirectional  
Airflow

## RELIABILITY

Self-diagnosis  
FunctionEmergency  
FunctionOpposite  
fan rotation

## CONVENIENCE

Single/Multi  
Compatible

Auto restart

## ENERGY SAVING



1W Standby



Sleep

## HEALTH

High Density  
filterCold Catalyst  
filter

Self-Cleaning

REMOTE CONTROL  
RG10A4-D-BGEF  
(standard)

IL3-XY



ML3-Y

## 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 (11.570~20.000)	24.000 (7.200~28.000)
	Standard (Min.~Max.)	kW		2,64 (1,0~3,2)	3,52 (1,4~4,3)	5,27 (3,4~5,9)	7,03 (2,1~8,4)
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 (0,8~3,4)	3,81 (1,1~4,4)	5,57 (3,1~5,8)	7,33 (1,6~8,2)
Standard power supply	Cooling (Min.~Max.)	W		740 (80~1.100)	1.140 (120~1.650)	1.550 (560~2.050)	2.510 (420~3.200)
	Heating (Min.~Max.)	W		780 (70~990)	1.080 (110~1.480)	1.500 (780~2.000)	2.130 (300~3.100)
Rated current input	Cooling (Min.~Max.)	TO		4,95 (0,35~4,78)	5,10 (0,5~7,2)	6,70 (2,4~9,0)	10,90 (1,8~13,9)
	Heating (Min.~Max.)	TO		3,50 (0,32~4,32)	4,80 (0,5~6,4)	6,50 (3,4~8,7)	9,46 (1,4~14,4)
Seasonal efficiency <sup>1</sup>	Cooling	Energy class	-	A++	A++	A++	A++
		Design load (Pdesign)	kW	2,7	3,5	5,3	7,0
		SEER	-	6,90	7,00	7,00	6,50
		Annual energy consumption	kWh/a	137	180	265	377
	Heating	Energy class	-	A+	A+	A+	A+
		Design load (Pdesign)	kW	2,7	2,9	4,1	4,9
		SCOP	-	4,00	4,10	4,00	4,00
		Annual energy consumption	kWh/a	945	990	1.435	1.730
	Average season	Energy class	-	A+++	A+++	A+++	A+++
		SCOP	-	5,30	5,40	5,10	5,10
Standard efficiency <sup>2</sup>	EER	-		3,56	3,27	3,23	3,25
	COP	-		3,76	3,71	3,71	3,80

## Indoor unit

IL3-Y				27M	35M	53M	70M
Code				87032258	87032253	87032255	89112248
Dimensions	Unit	L x D x H	mm	722x187x290	802x189x297	965x215x319	1080x226x335
	Packaging	L x D x H	mm	790x270x375	875x285x380	1045x305x410	1155x415x320
System weight	Unit/Packaging		kg	7,3/9,7	8,6/11,1	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	1,2	1,8	2,7
Sound power		Hi	dB(A)	56	55	57	63
Sound pressure level		Hi/Mid/Lo	dB(A)	39/32/26	39/32/26	43/33,5/28	47/41,5/30,5
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

ML3-Y				27M	35M	53M	70M
Code				87032257	87032256	87032254	89122231
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	23,2/25	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	55,5	60,5
Operating range	Cooling	Indoor T.	°C	17~32			
		Outdoor T.	°C	-15~50			
	Heating	Indoor T.	°C	0~30			
		Outdoor T.	°C	-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.

<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	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	1,1 / 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"

## accessories

### Standard

<b>RG10A4-D-BGEF</b>	Infrared remote control for CRISTALLO / ESSENTIAL 2 indoor units
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▶A++  
▶A+

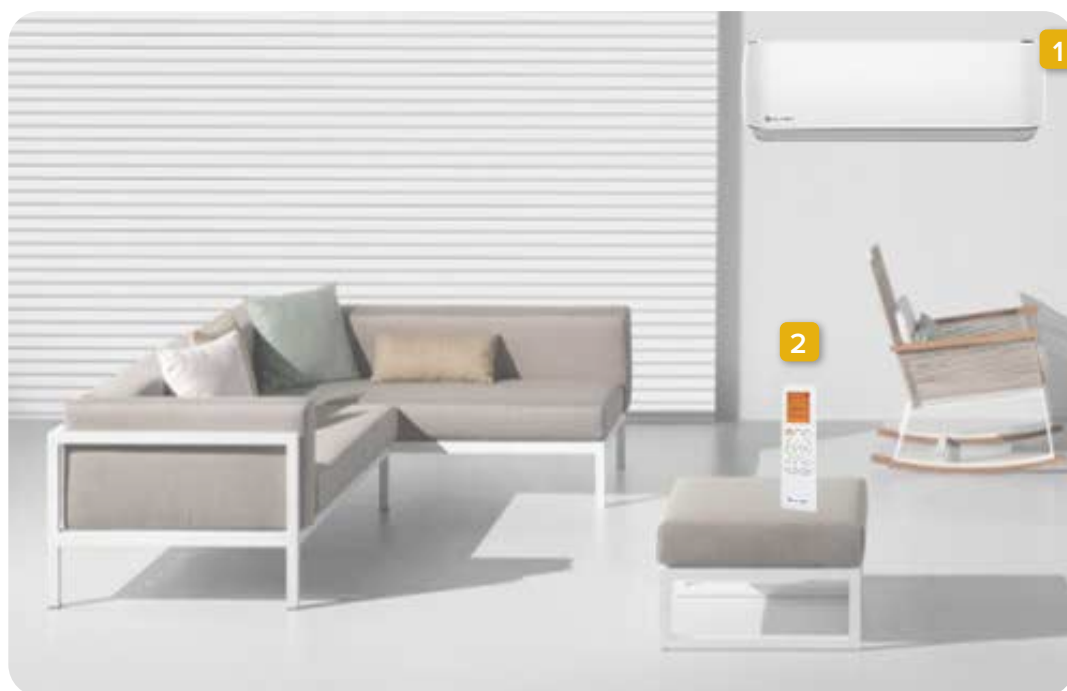
## SINGLE Split with hiwall indoor unit

### 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.

## 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



Stepless outdoor Fan speed



Super Silent Anti-cold air



Multidirectional Airflow



## RELIABILITY



Self-diagnosis Function



Emergency Function



Opposite fan rotation

## CONVENIENCE



Single/Multi Compatible



Auto-restart

## ENERGY SAVING



1W Standby



Sleep



Gear

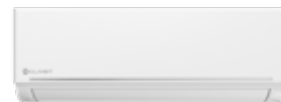
## HEALTH



High Density filter



Cold Catalyst filter

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

ILA1-Y



MLA1-Y

## 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)	20.065 (7.200-28.000)
	Standard (Min.~Max.)		kW	2,60 (0,9~3,4)	3,50 (1,1~4,2)	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 (3.700~14.400)	18.400 (10.580~19.960)	22.727 (5.300-28.000)
	Standard (Min.~Max.)		kW	2,90 (0,8~3,4)	3,80 (1,1~4,2)	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)
	Heating (Min.~Max.)		W	789 (120~1200)	1.018 (100~1680)	1.436 (780~2.000)	22.727 (5.300-28.000)
Rated current input	Cooling (Min.~Max.)		TO	3,47 (0,40~4,54)	4,73 (0,50~6,90)	6,70 (2,40~9,00)	7,67 (1,80-13,9)
	Heating (Min.~Max.)		TO	3,43 (0,50~5,20)	4,42 (0,4~6,9)	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	2,6	3,5	5,3	7,0
		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	2,3	2,6	4,2	4,9
		SCOP	-	4,00	4,00	4,00	4,00
		Annual energy consumption	kWh/a	804	906	1.470	1.715
	Average season	Energy class	-	A+++	A+++	A+++	A+++
		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
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	7,8/10,1	8,4/11,0	11,2/14,6	13,6/17,3
Air filter	Type		-	CCF			
Airflow		Hi/Mid/Lo	m³/h	451/325/255	575/493/454	800/600/500	1090/770/610
Dehumidification capacity			l/h	1,0	1,2	1,8	2,7
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-D-BGEF			
	Settable temperature		°C	17~30			
Power supply	Voltage/Frequency/Phases		V/Hz/n°	230 / 50 / 1			

Outdoor unit				MLA1-Y	27M	35M	53M	70M
Code					88292245	88292244	88292242	88292243
Dimensions	Unit	L x D x H	mm	720x270x495	720x270x495	874x330x554	890x342x673	
	Packaging	L x D x H	mm	835x300x540	835x300x540	915x370x615	995x342x673	
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		17~32		
		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 with 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	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	1,1 / 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"

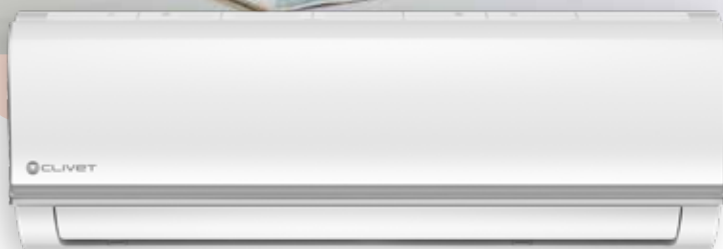
accessories

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

SINGLE Split



▶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

12-grades  
indoor Fan  
speed

Anti-cold air

Temperature  
compensation

## RELIABILITY

Self-diagnosis  
FunctionEmergency  
usingOpposite  
fan rotation

## CONVENIENCE

Single/Multi  
CompatibleAuto Restart  
FunctionAutomatic correction  
of the connection error  
(Multi Split)

## ENERGY SAVING



1W Standby



Sleep

## HEALTH

High Density  
FilterCold Catalyst  
Filter

Self-Cleaning

## OPTIONAL

WIFI  
ControlWi-Fi  
NWMX  
(optional)REMOTE  
CONTROL  
RG10A4-D-BGEF  
(standard)

IZ2-XY



MZ2-Y

## 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 (0,9~3,4)	3,52 (1,1~4,2)	5,27 (1,2~5,8)	7,03 (2,1~7,9)
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 (0,8~3,7)	3,81 (1,1~4,2)	5,57 (1,3~5,8)	7,33 (1,6~7,9)
Standard power input	Cooling (Min.~Max.)	W		732 (100~1240)	1,213 (130~1580)	1,550 (560~2,050)	2,600 (420~3,150)
	Heating (Min.~Max.)	W		733 (120~1200)	1,088 (100~1680)	1,570 (780~2000)	2,400 (300~2,750)
Rated current input	Cooling (Min.~Max.)	A		3,18 (0,4~5,4)	5,27 (0,5~6,9)	6,7 (2,4~8,9)	11,5 (1,8~13,8)
	Heating (Min.~Max.)	A		3,18 (0,5~5,2)	4,73 (0,4~6,9)	6,8 (3,4~8,7)	11,0 (1,3~12,2)
Seasonal efficiency <sup>1</sup>	Cooling	Energy efficiency class	-	A++	A++	A++	A++
		Design load (Pdesign)	kW	2,8	3,6	5,2	7,0
		SEER	-	6,30	6,10	7,40	6,10
		Annual energy consumption	kWh/a	156	211	247	405
	Heating	Energy efficiency class	-	A+	A+	A+	A+
		Design load (Pdesign)	kW	2,6	2,7	4,1	4,8
		SCOP	-	4,00	4,00	4,00	4,00
		Annual energy consumption	kWh/a	910	945	1,435	1,680
	Average 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
Dimensions	Unit	L x P x A	mm		805x194x285	805x194x285	957x213x302	1040x220x327
	Packaging	L x P x A	mm		870x270x365	870x270x365	1035x295x385	1120x405x315
Weight	Unit/Packaging		kg		7,6/9,7	7,6/9,8	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		1,0	1,2	1,8	2,7
Sound power level		Hi	dB(A)		54	55	56	59
Sound pressure level		Hi/Mid/Lo	dB(A)		38,5/32/25/21	40,5/34,5/25/21	42,5/36/26	45/40,5/36
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
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"

accessories

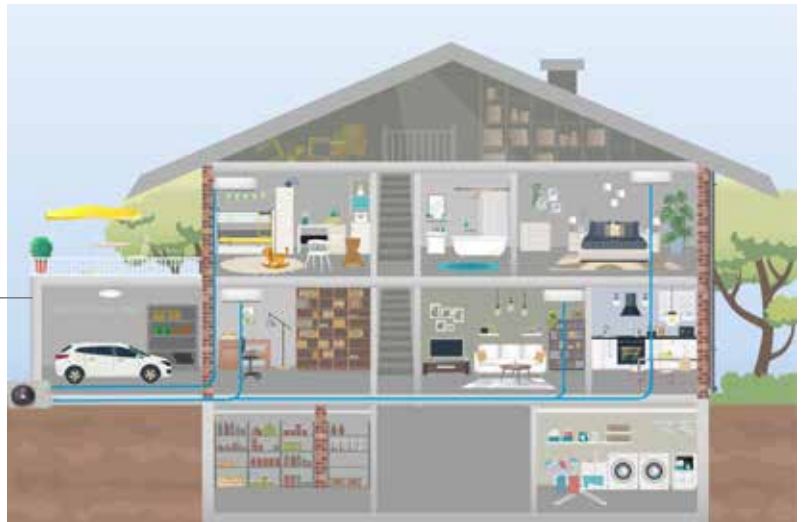
Standard	
RG10A-D2S-BGEF	Standard Wireless remote control fo indoor units CRISTALLO / ESSENTIAL 2 / NATIV
Optionals	
Control systems	(learn more at Control System page)

# MULTI Split

MULTI Split

## MULTI Split

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															
		SCHIARA 2				CRISTALLO				EZCool				ESSENTIAL 2			
		IE2-XY		IM2-XY		ILA1-Y		IL3-XY									
Outdoor unit	Cooling/Heating.	27M	35M	20M	27M	35M	53M	70M	27M	35M	53M	70M	20M	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 CLASS¹	COMPACT CASSETTE 4-WAY 650X650 INDOOR UNIT			INDOOR UNITS DUCT				INDOOR UNITS CONSOLE			CEILING/FLOOR INDOOR UNITS.	HOT WATER
Outdoor unit	Cooling/Heating.	BOX 2 650x650			DUCT 2				CONSOLE 3			C&F 2	HYDRO-M
		IB3-XY			ID3-XY				IC3-Y			IF3-XY	IHW1-Y
		27M	35M	53M	27M	35M	53M	70M	27M	35M	53M	53M	80M
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+



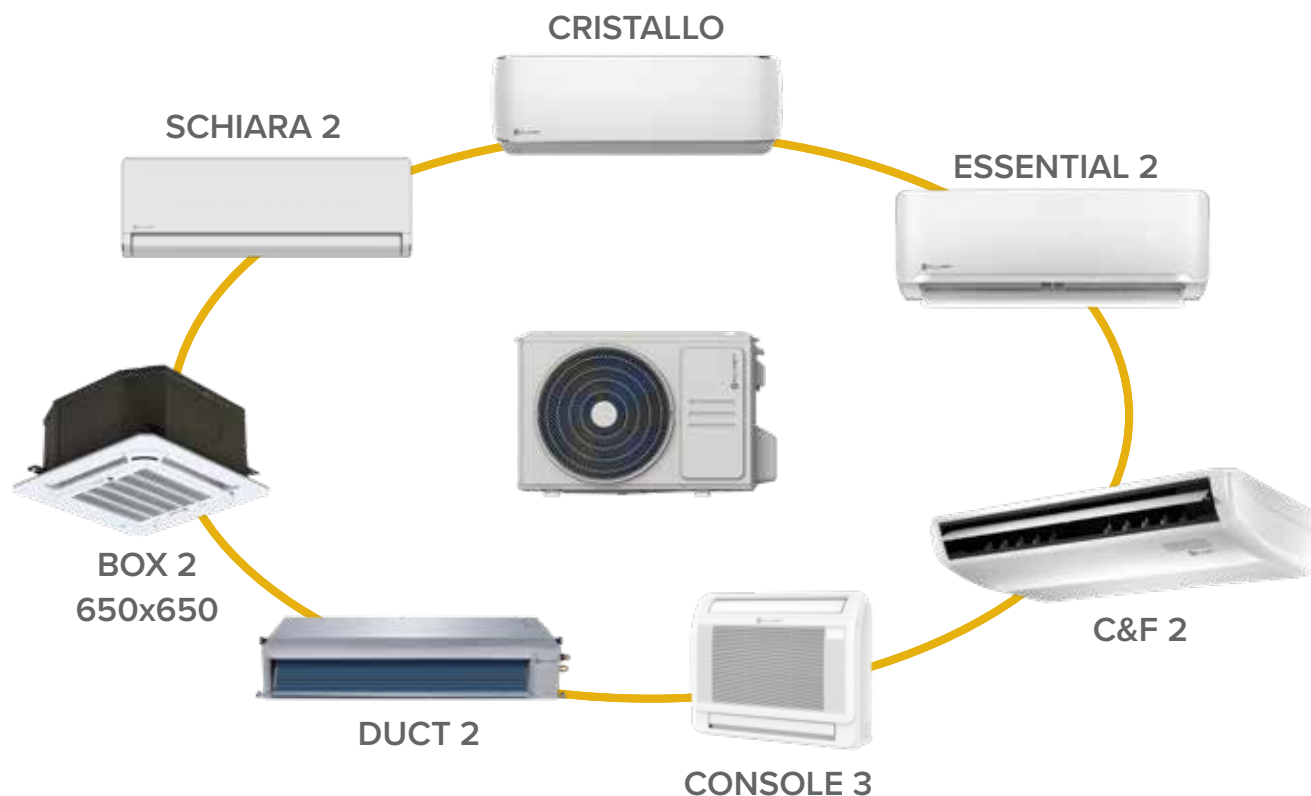
MULTISplit

## 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  $-15^{\circ}\text{C} \div +50^{\circ}\text{C}$

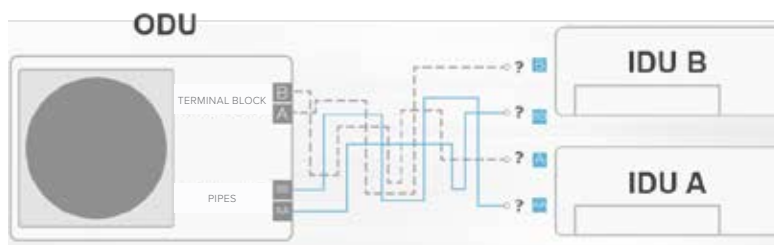
## INCREASED INDOOR UNIT RANGE



## 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
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"5 (PENTA)
			14000	18000	21000	27000	28.000	36.000	42000
Cooling capacity	Standard <sup>1</sup> (Min~Max)	Btu/h	(5000~16500)	(7600~19000)	(6800~22500)	(10200~29000)	(7.000~33.600)	(7.000~36.000)	(10.800~42.000)
	Standard <sup>1</sup> (Min~Max)	kW	4,10 (1,5~4,8)	5,30 (2,2~5,6)	6,20 (2,0~6,6)	7,90 (3,0~8,5)	8,20 (2,1~9,8)	10,5 (2,1~10,5)	12,3 (3,2~12,3)
Heating capacity	Standard <sup>2</sup> (Min~Max)	Btu/h	15.000	19.000	22.000	28.000	30.000	37.000	42.000 (11.500-
	Standard <sup>2</sup> (Min~Max)	kW	4,40 (1,6~4,8)	5,57 (2,3~5,6)	6,44 (1,4~6,7)	8,20 (2,2~8,5)	8,80 (2,3~10,5)	10,8 (2,3~11,1)	12,3 (3,4~12,3)
Dimensions	Unit	L x D x H	mm	805x330x554	805x330x554	890x342x673	890x342x673	946x410x810	946x410x810
	Packaging	L x D x H	mm	915x370x615	915x370x615	1030x438x750	1030x438x750	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
Sound pressure level		Nominal	dB(A)	56	56	58	58	61	62
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.

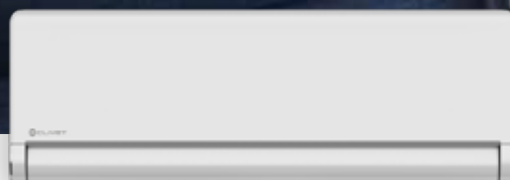
<sup>2</sup> Test conditions: indoor air temperature 20°C B.S./ 15°C B.U. - outdoor air temperature 7°C B.S./

MULTI Split

## 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)	Gas	mm / inch	2 x (Φ9,52 - 3/8")	2 x (Φ9,52 - 3/8")	3 x (Φ9,52 - 3/8")	3 x (Φ9,52 - 3/8")	3 x (Φ9,52 - 3/8")	3 x (Φ9,52 - 3/8")	4 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"



## Hiwall indoor unit for MULTI Split systems

### WHY CHOOSE SCHIARA 2?

- ✓ Smart management as standard: via smartphone with the NetHome Plus App and voice control setup with Amazon Alexa and Google Assistant.
- ✓ Purification filter: active against odours, dust, VOC, pollen, spores, bacteria and virus
- ✓ Extremely wide air distribution thank to the 180° motorized louver rotation
- ✓ SINGLESplit/MULTISplit compatible

#### 180° LOUVER

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



#### CASCADE

Quick cooling function that let the horizontal louver rotate automatically



#### PURIFICATION FILTER

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



## COMFORT

Stepless  
Indoor Fan  
Speed

Anti-cold air

Multidirectional  
Airflow

180° louver



Cascade

## RELIABILITY

Self-diagnosis  
FunctionAuto  
Defrosting

## CONVENIENCE



WiFi Control

Single/Multi  
Compatible

Auto-restart

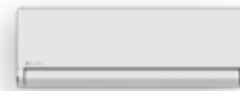
0,5°C  
Temperature  
RegulationVoice control  
compatible

## ENERGY SAVING



Sleep

## HEALTH

High  
Density  
filterPurification  
filterWi-Fi  
NWMX  
(standard)REMOTE CONTROL  
RG10X1-G2HS-BGEF  
(standard)

IE2-Y

## technical data

Indoor unit			IE2-Y	27M	35M
Code				87012283	89092266
Cooling capacity	Nominal		Btu/h	9.000	12.000
			kW	2,6	3,5
Heating capacity	Nominal		Btu/h	10.000	13.000
			kW	2,9	3,8
Dimensions	Unit	L x D x H	mm	920x211x321	920x211x321
	Packaging	L x D x H	mm	1005x385x295	1005x385x295
System weight	Unit/Packaging		kg	11,30/14,16	11,30/14,16
Air filter	Type		-		PUF
Airflow			m³/h	700/515/425	700/515/425
Sound power			dB(A)	53	53
Sound pressure level			dB(A)	40/32,5/21,5	40/32,5/21,5
Operating Voltage Range	Cooling	Indoor T	°C		16°32
	Heating	Indoor T	°C		0°30
Refrigerant piping	External diameters	Liquid-Gas	mm	Φ6,35 - Φ9,52	Φ6,35 - Φ9,52
			inch.	1/4" - 3/8"	1/4" - 3/8"
Control system	Infrared remote control		-	RG10X1-G2HS-BGEF	
	Settable temperature		°C	16°30	
Power supply	Voltage/Frequency/Phases		V/Hz/n°	230 / 50 / 1	

Fan speed: Hi=Hight; Mid=Medium; Lo=Low; Si=Silent  
PUF= Purificator

Test conditions:

according to EN14511 / EN12102

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

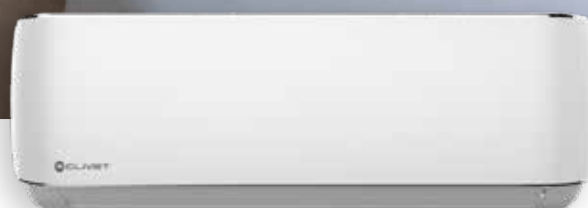
Heating: indoor air temperature 20°C DB/15°C WB; outdoor air temperature 7°C DB/6°C WB.

Data declared according to UE 626/2011 delegated regulation

MULTI Split

## accessories

Standard	
RG10X1-G2HS-BGEF	Wireless remote controller for SCHIARA 2 indoor units
NWMX	Wi-fi kit for indoor units



## 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 Auto Defrosting  
Function

## CONVENIENCE



WiFi Control

Single/Multi  
Compatible

Auto-restart

Voice control  
compatible

## ENERGY SAVING



Sleep

## HEALTH

High Density  
filterCold Catalyst  
filter

## OPTIONAL

Wired  
controllerCentralised  
controlBMS  
CommunicationRemote ON/  
OFFWi-Fi  
NWMX  
(standard)WIRED REMOTE CONTROL  
KJR-120X1-TFBGE  
(optional)  
(necessary kit MBLCX)REMOTE CONTROL  
RG10A4-D-BGEF  
(standard)

IM2-XY

## technical data

Indoor unit			IM2-XY	20M*	27M	35M	53M	70M
Code				89122262	89102292	88052293	87032222	88072296
Cooling capacity	Nominal		Btu/h	8.000	9.000	12.000	18.000	24.000
			kW	2,3	2,6	3,5	5,3	7,0
Heating capacity	Nominal		Btu/h	9.000	9.500	13.000	19.000	25.000
			kW	2,6	2,8	3,8	5,6	7,3
Dimensions	Unit	L x D x H	mm	722x187x290	722x187x290	802x189x297	965x215x319	1080x226x335
	Packaging	L x D x H	mm	790x270x370	790x270x370	875x285x375	1045x305x410	1155x415x320
System weight	Unit/Packaging		kg	7,3/9,7	7,3/9,7	8,6/11,1	10,9/14,2	13,7/17,3
Air filter	Type		-			CCF		
Airflow			m³/h	416/309/230	416/309/230	584/477/395	730/500/420	1020/830/640
Sound power			dB(A)	54	54	56	58	63
Sound pressure level			dB(A)	8,6/7,1/4,3	8,6/7,1/4,3	8,5/7,6/4,9	12,1/8,3/7,0	17,0/13,8/10,6
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 - Φ9,52	Φ6,35 - Φ12,7	Φ9,52 - Φ15,9
			inch.	1/4" - 3/8"	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=Hight; Mid=Medium; Lo=Low; Si=Silent  
CCF = Cold Catalyst

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

\* TO EXHAUSTION

## accessories

Standard	
RG10A4-D-BGEF	Infrared remote control for CRISTALLO / ESSENTIAL 2 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) <i>Only one function among ON-OFF/Alarm/XYE/Wi-Fi can be used simultaneously</i>
Control Systems	(see dedicated section)

# ESSENTIAL 2 20M ÷ 70M

TO EXHAUSTION

MULTI Split



## Hiwall indoor unit for MULTI Split systems

### WHY CHOOSE ESSENTIAL 2?

- ✓ Silent Mode
- ✓ Can operate in cooling mode even at low outdoor temperatures
- ✓ SINGLESplit/MULTISplit compatible

#### FOLLOW-ME



1

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

## COMFORT

12 Indoor Fan  
Speeds Levels

Anti-cold air

Multidirectional  
Airflow

## RELIABILITY

Self-diagnosis  
FunctionAuto  
Defrosting

## CONVENIENCE

Manual ON/  
OFFSingle/Multi  
Compatible

Auto-restart

## ENERGY SAVING



Sleep

## HEALTH

High Density  
filterCold Catalyst  
filterREMOTE CONTROL  
RG10A4-D-BGEF  
(standard)

IL3-XY

## technical data

Indoor unit				IL3-XY	20M	27M	35M	53M	70M
Code					89132205	87032258	87032253	87032255	89112248
Cooling capacity	Nominal		Btu/h		8000	9.000	12.000	18.000	24.000
			kW		2,3	2,6	3,5	5,3	7,0
Heating capacity	Nominal		Btu/h		9000	9.500	13.000	19.000	25.000
			kW		2,6	2,8	3,8	5,6	7,3
Dimensions	Unit	L x D x H	mm		722x187x290	722x187x290	802x189x297	965x215x319	1080x226x335
	Packaging	L x D x H	mm		790x270x370	790x270x370	875x285x375	1045x305x410	1155x415x320
System weight	Unit/Packaging		kg		7,3/9,7	7,3/9,7	8,6/11,1	10,9/14,2	13,7/17,3
Air filter	Type		-		-	-	CCF	-	-
Airflow			m <sup>3</sup> /h		416/309/230	416/309/230	584/477/395	730/500/420	1020/830/640
Sound power			dB(A)		54	54	56	58	63
Sound pressure level			dB(A)		8,6/7,1/4,3	8,6/7,1/4,3	8,5/7,6/4,9	12,1/8,3/7,0	17,0/13,8/10,6
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 - Φ9,52	Φ6,35 - Φ12,7	Φ9,52 - Φ15,9
			inch.		1/4" - 3/8"	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=Hight; Mid=Medium; Lo=Low; Si=Silent  
CCF = Cold Catalyst

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

## accessories

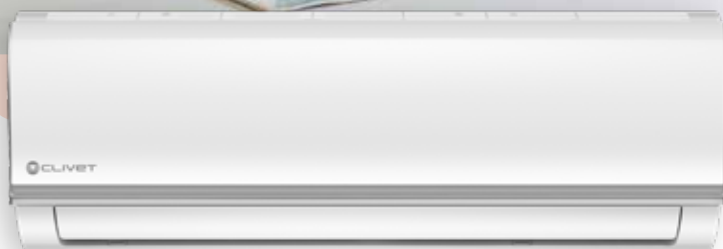
## Standard

<b>RG10A4-D-BGEF</b>	Infrared remote control for CRISTALLO / ESSENTIAL 2 indoor units
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▶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  
speedAnti-cold air  
FunctionTemperature  
compensationSelf-diagnosis  
FunctionAuto  
defrosting

## RELIABILITY

## CONVENIENCE

Single/Multi  
CompatibleLouver  
Position  
MemoryAuto Restart  
FunctionAutomatic correction  
of the connection error  
(Multi Split)

## ENERGY SAVING



Sleep mode

## HEALTH

High Density  
FilterCold Catalyst  
Filter

## OPTIONAL

WIFI  
ControlWi-Fi  
NWMX  
(optional)REMOTE  
CONTROL  
RG10A-D-BGEF  
(standard)

IZ2-XY

## technical data

Indoor unit				IZ2-XY	27M	35M	53M	70M
Codice articolo					89472260	89472262	89472261	89472263
Cooling capacity	Standard			Btu/h	9.000	12.000	18.000	24.000
				kW	2,6	3,5	5,3	7,0
Heating capacity	Standard			Btu/h	10.000	13.000	19.000	25.000
				kW	2,9	3,8	5,6	7,3
Dimensions	Unit	L x P x A		mm	805x194x285	805x194x285	957x213x302	1040x220x327
	Packaging	L x P x A		mm	870x270x365	870x270x365	1035x295x385	1120x405x315
Weight	Unit/Packaging			kg	7,5/9,7	7,5/9,7	10,0/13,0	12,3/15,8
Air filter	Type			-			CCF	
Airflow				m³/h	520/460/340	600/500/360	840/680/540	980/817/662
Sound power level				dB(A)	54	53	55	59
Sound pressure level				dB(A)	40/30/26/21	40/34/26/22	44/37/30/25	44,5/42/34,5/28
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 for indoor units 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  
FunctionAuto  
DefrostingCondensate  
drain pump

## CONVENIENCE



Remote On/Off

Error Alarm  
Port

Auto-restart



Timer

## ENERGY SAVING



Sleep

## HEALTH



Fresh Air

## OPTIONAL

Wired  
controllerCentralised  
controlBMS  
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
Code				89112291	89102297	89102233
Cooling capacity	Nominal		Btu/h	9.000	12.000	18.000
			kW	2,6	3,5	5,3
Heating capacity	Nominal		Btu/h	10.000	14.000	18.500
			kW	2,9	4,1	5,4
Dimensions	Unit	L x D x H	mm	570x570x260	570x570x260	570x570x260
	Packaging (Unit)	L x D x H	mm	662x662x317	662x662x317	662x662x317
	Panel		mm	647x647x50	647x647x50	647x647x50
	Packaging (Panel)		mm	715x715x123	715x715x123	715x715x123
System weight	Unit / Packaging		kg	14,7/19,3	16,2/21,4	16,2/21,4
	Panel / Packaging		kg	2,5/4,5	2,5/4,5	2,5/4,5
Air filter	Type		-		R/W	
Airflow		Hi/Mid/Lo	m³/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/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 EZCool / BOX 2 / CONSOLE 3 / DUCT 2 / C&amp;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  
FunctionAuto  
DefrostingCondensate  
drain pump

## CONVENIENCE

Remote  
On/OffError Alarm  
Port

Auto-restart

## ENERGY SAVING



Sleep

## HEALTH



Fresh Air

## OPTIONAL

Wired  
controllerCentralised  
controlBMS  
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 <sup>NEW</sup>
Code				89092235	89092219	89132211	89102201
Cooling capacity	Nominal		Btu/h	9.000	12.000	18.000	24.000
			kW	2,64	3,52	5,27	7,03
Heating capacity	Nominal		Btu/h	10.000	13.000	19.000	26.000
			kW	2,93	3,81	5,67	7,03
Dimensions	Unit	L x D x H	mm	700x450x200	700x450x200	880x674x210	1100x774x249
	Packaging	L x D x H	mm	860x540x275	860x540x275	1070x725x280	1305x805x315
System weight	Unit/Packaging		kg	18/22	18/22	24.3/29.6	32.3/39.1
Air filter	Type		-			R/W	
Airflow		Hi/Mid/Lo	m³/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)	40/34,5/27,5	40/34,5/27,5	41,5/38/33	49/46/41
Operating Voltage Range	Cooling	Indoor T	°C		17°32		16°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 EZCool / BOX 2 / CONSOLE 3 / DUCT 2 / C&amp;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

NEW PRODUCT

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

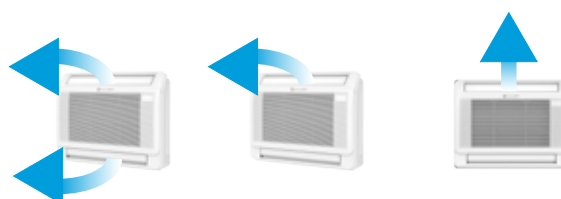
Thanks to the new double tangential fan system, noise is reduced to the lowest of its category.



### 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  
CompensationMultidirectional  
airflow

## RELIABILITY

Self-diagnosis  
FunctionEmergency  
Function

## CONVENIENCE

Remote  
On/Off

Timer



Auto-restart

## ENERGY SAVING



Sleep



Gear

## OPTIONAL

Centralised  
controlBMS  
Communication

WiFi Control

## HEALTH

High Density  
filterCold Catalyst  
filterWi-Fi  
NWMX  
(optional)WIRED REMOTE  
CONTROL  
KJR-120X2-TFBG-E  
(optional)REMOTE CONTROL  
RG10A-D2S-BGEF  
(standard)

IC3-Y

## technical data

Indoor unit				IC3-Y	27M	35M	53M
Code					89472268	89472266	89472269
Cooling capacity	Nominal			Btu/h	9.000	12.000	17.000
				kW	2,64	3,52	5
Heating capacity	Nominal			Btu/h	10.000	13.000	18.000
				kW	2,93	3,81	5,28
Dimensions	Unit	L x D x H		mm	794x206x621	794x206x621	794x206x621
	Packaging	L x D x H		mm	865x280x719	865x280x719	865x280x719
System weight	Unit/Packaging			kg	14,9/18,8	14,9/18,8	14,9/18,8
Air filter	Type			-		CCF	
Airflow		Hi/Mid/Lo		m³/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	16~32	16~32	16~32
	Heating	Indoor T		°C	0~30	0~30	0~30
Refrigerant piping	External diameters	Liquid-Gas		mm	Φ6,35 - Φ9,52	Φ6,35 - Φ9,52	Φ6,35 - Φ12,7
				inch.	1/4" - 3/8"	1/4" - 3/8"	1/4" - 1/2"
Control system	Infrared remote control			-		RG10A-D2S-BGEF	
	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 EZCool / BOX 2 / CONSOLE 3 / DUCT 2 / C&amp;F 2

## Optionals

## NWMX

Wi-fi kit for indoor units

## MKCX

Multifunction board providing remote ON/OFF, alarm and XYE port

The ON-OFF/Alarm/XYE/Wi-Fi port functions can be used simultaneously

## Control systems

(see dedicated section)

# CEILING & FLOOR 2 53M



## 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
Code				89092229
Cooling capacity	Nominal		Btu/h	18.000
			kW	5,3
Heating capacity	Nominal		Btu/h	19.000
			kW	5,6
Dimensions	Unit	L x D x H	mm	1068x675x235
	Packaging	L x D x H	mm	1145x755x318
System weight	Unit/Packaging		kg	25,0/29,7
Air filter	Type		-	CCF
Airflow		Hi/Mid/Lo	m³/h	958/839/723
Sound power		Hi	dB(A)	57
Sound pressure level		Hi/Mi/Lo	dB(A)	43,5/41/36,5/24
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

**RG10A-D2S-BGEF** Infrared remote control for indoor units 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)

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

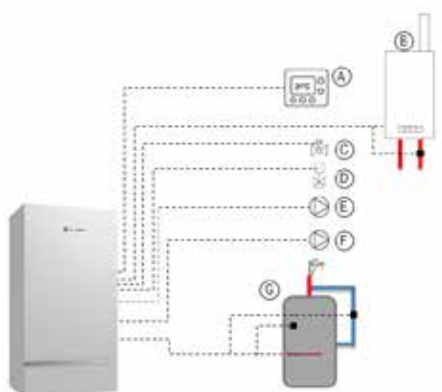


## Unified solution for air conditioning / water heating / DHW

### WHY CHOOSE HYDRO-M?

- ✓ Smart management as standard: via smartphone with the NetHome Plus App.
- ✓ Compact and easy to install module
- ✓ Production of hot water for Heating or Domestic Hot Water (in combination with DHW boiler)
- ✓ Combination with other indoor air units
- ✓ Possibility of simultaneous operation of all indoor units in heating mode

### MANAGEMENT OF MANY PLANT ELEMENTS



- A-zone thermostat
- B-auxiliary heat source-AHS
- ON/OFF signal
- temperature probe TW1B
- C-2-way valve (normally closed): blocks water access to the radiant distribution system
- D-3-way valves for system / DHW switching
- E-pump secondary circuit
- F-DHW recirculation pump / mixed zone pum
- G-DHW boiler
- electric resistance
- temperature probe
- DHW return probe (for recirculation)

## COMFORT



Hot Water  
(Heat/DHW)

## RELIABILITY



Auxiliary  
heating  
source



Back-up  
electrical  
heater

## CONVENIENCE



Remote  
On/Off



WiFi Control



Auto-restart

## HEALTH



Anti-  
legionella

## ENERGY SAVING



Vacances



Wi-Fi  
NWMX  
(Standard)



User interface  
KJR-120J-TFBG-E  
(Standard)



IHM1-Y

## technical data

Indoor unit		IHM1-Y		80M
Code				89102210
Heating capacity	Capacity	Water 35/30°C	Btu/h	27.300
		Outdoor air -7°C	kW	8,0
		Water 35/30°C	Btu/h	27.000
		Outdoor air 7°C	kW	7,9
		Water 45/40°C	Btu/h	27.300
		Outdoor air 7°C	kW	8,0
		Water 45/40°C	Btu/h	27.300
		Outdoor air -7°C	kW	8,0
Seasonal efficiency	Heating 55°C	Energy class	-	A+
		SCOP	-	2,93
		ηs (seasonal output)	%	114%
	Heating 35°C	Energy class	-	A++
		SCOP	-	4,26
		ηs (seasonal output)	%	167%
Dimensions	Unit	L x D x H	mm	490x325x918
	Packaging	L x D x H	mm	570x415x1.055
System weight	Unit/Packaging	-	kg	56/64
Water flow		Nominal	l/s	0,38
Pump head		Nominal	kPa	78,5
System tank volume			l	5
System water content		Minimum	l	30
Back-up electrical heater	Rated DC Power	-	W	3.100
	Current	-	TO	13,5
Sound power		-	dB(A)	44
Sound pressure level		-	dB(A)	32
Water supply temperature	Heating	Min / Max	°C	25°60
	DHW	Min / Max	°C	35°55
Operating range (outdoor air)	Heating	Min / Max	°C	-20°24
	DHW	Min / Max	°C	-20°43
Refrigerant piping	Liquid-Gas	-	mm	Φ6,35 - Φ12,7
			inch.	1/4" - 1/2"
	Plant	mm	mm	Φ28"
Water piping	Condensate drain	mm	mm	Φ16
		inch.	inch.	5/8"
	Built-in control	-	-	HMI
Control systems	Voltage/Frequency/Phases		V/Hz/n°	230 / 50 / 1

Data according to EN 14511:2018 and EN 14825:2016

The product complies with the European ErP Directive (EU regulations 811/2013 - 813/2013 -

2016/2281)

\* solder connection

## accessoires

## Standard

## NWMX

Wi-Fi kit for indoor units

## Optionals

## DWH boilers and accessories

See accessories section

# COMBINATION TABLES

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

MULTISplit

COOLING

OUTDOOR UNIT	INDOOR UNIT		COOLING CAPACITY [KW]		TOTAL COOLING CAPACITY [KW]			ABSORBED COOLING CAPACITY [KW]			TOTAL COOLING CURRENT [A]			EER	SEASONAL EFFICIENCY (EN14825)			
	TO	B	TO	B	Min.	Std.	Max.	Min.	Std.	Max.	Min.	Std.	Max.		Class	SEER	Pd	CEA [kWh]
MU2-Y 41M (1x1)	20M 8.000	—	2,30	—	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	2,30	2,30	1,76	4,10	4,92	0,44	1,27	1,59	1,93	5,52	6,90	3,23	A+	6,80	4,10	211
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+	6,80	4,10	211
	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+	6,80	4,10	211
	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+	6,80	4,10	211
	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+	6,80	4,10	211
	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+	6,80	4,10	211
	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+	6,80	4,10	211

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)			
	TO	B	TO	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	—	—	—	—
	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	TO	4,00	3,70	1295
MU2-Y 41M (1x2)	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	TO	4,00	3,70	1295
	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	TO	4,00	3,70	1295
	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	TO	4,00	3,70	1295
	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	TO	4,00	3,70	1295
	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	TO	4,00	3,70	1295
	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	TO	4,00	3,70	1295

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)			
	TO	B	TO	B	Min.	Std.	Max.	Min.	Std.	Max.	Min.	Std.	Max.		Class	SEER	Pd	CEA [kWh]
MU2-Y 53M (1x1)	20M 8.000	—	2,30	—	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	—	—	—	—
	20M 8.000	20M 8.000	2,30	2,30	2,12	5,00	5,62	0,54	1,47	2,05	2,35	6,38	8,92	3,41	A+	6,10	5,30	304
MU2-Y 53M (1x2)	20M 8.000	27M 9.000	2,19	2,81	2,12	5,00	5,83	0,54	1,55	2,05	2,35	6,73	8,92	3,23	A+	6,10	5,30	304
	20M 8.000	35M 12.000	1,84	3,16	2,12	5,00	6,41	0,54	1,55	2,05	2,35	6,73	8,92	3,23	A+	6,10	5,30	304
	20M 8.000	53M 18.000	1,40	3,63	2,12	5,00	6,47	0,54	1,54	2,05	2,35	6,69	8,92	3,25	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+	6,10	5,30	304
	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+	6,10	5,30	304
	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+	6,10	5,30	304
	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+	6,10	5,30	304
	20M 8.000	20M 8.000	2,30	2,30	2,12	5,00	5,62	0,54	1,47	2,05	2,35	6,38	8,92	3,41	A+	6,10	5,30	304
	20M 8.000	27M 9.000	2,19	2,81	2,12	5,00	5,83	0,54	1,55	2,05	2,35	6,73	8,92	3,23	A+	6,10	5,30	304

Notes Pd = Pdesign CEA = Annual Energy Consumption

MULTISplit

OUTDOOR UNIT	INDOOR UNIT		HEATING CAPACITY [KW]		TOTAL HEATING CAPACITY [KW]			ABSORBED HEATING CAPACITY [KW]			TOTAL COOLING CURRENT [A]			COP	SEASONAL EFFICIENCY (EN14825)			
	TO	B	TO	B	Min.	Std.	Max.	Min.	Std.	Max.	Min.	Std.	Max.		Class	SCOP	Pd	CEA [kWh]
MU2-Y 53M (1x1)	20M 8.000	—	2,45	—	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	—	—	—	—
	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	TO	4,00	4,30	1505
MU2-Y 53M (1x2)	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	TO	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	TO	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	TO	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	TO	4,00	4,30	1505
	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	TO	4,00	4,30	1505
	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	TO	4,00	4,30	1505
	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	TO	4,00	4,30	1505
	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	TO	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	TO	4,00	4,30	1505

Notes Pd = Pdesign CEA = Annual Energy Consumption

# COMBINATION TABLES

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

OUTDOOR UNIT	INDOOR UNIT			COOLING CAPACITY [KW]			TOTAL COOLING CAPACITY [KW]			POWER INPUT COOLING [KW]			TOTAL COOLING CURRENT [A]			EER	SEASONAL EFFICIENCY (EN14825)			
	TO	B	C	TO	B	C	Min.	Std.	Max.	Min.	Std.	Max.	Min.	Std.	Max.		Class	SEER	Pd	CEA [kWh]
MU2-Y 61M (1x1)	20M	—	—	2,30	—	—	1,46	2,00	2,90	0,38	0,62	0,77	1,65	2,69	3,37	3,23	—	—	—	—
	8.000	—	—	2,30	—	—	1,46	2,00	2,90	0,38	0,62	0,77	1,65	2,69	3,37	3,23	—	—	—	—
	27M	—	—	2,50	—	—	1,46	2,50	3,20	0,38	0,77	0,97	1,65	3,37	4,21	3,23	—	—	—	—
	9.000	—	—	2,50	—	—	1,46	2,50	3,20	0,38	0,77	0,97	1,65	3,37	4,21	3,23	—	—	—	—
	35M	—	—	3,50	—	—	1,46	3,50	3,90	0,38	1,08	1,30	1,65	4,71	5,65	3,23	—	—	—	—
	12.000	—	—	3,50	—	—	1,46	3,50	3,90	0,38	1,08	1,30	1,65	4,71	5,65	3,23	—	—	—	—
MU2-Y 61M (1x2)	53M	—	—	5,00	—	—	1,67	5,00	6,50	0,48	1,55	1,78	2,09	6,73	7,74	3,23	—	—	—	—
	18.000	—	—	5,00	—	—	1,67	5,00	6,50	0,48	1,55	1,78	2,09	6,73	7,74	3,23	—	—	—	—
	20M	20M	—	2,30	2,30	—	2,05	4,20	5,58	0,58	1,30	1,92	2,50	5,65	8,35	3,23	A+	5,60	4,20	263
	8.000	8.000	—	2,30	2,30	—	2,05	4,20	5,58	0,58	1,30	1,92	2,50	5,65	8,35	3,23	A+	5,60	4,20	263
	20M	27M	—	2,06	2,64	—	2,05	4,70	5,89	0,58	1,46	2,02	2,50	6,33	8,76	3,23	A+	5,60	4,70	294
	8.000	9.000	—	2,06	2,64	—	2,05	4,70	5,89	0,58	1,46	2,02	2,50	6,33	8,76	3,23	A+	5,60	4,70	294
	20M	35M	—	1,95	3,35	—	2,05	5,30	6,20	0,58	1,64	2,11	2,50	7,13	9,18	3,23	A+	5,60	5,30	331
	8.000	12.000	—	1,95	3,35	—	2,05	5,30	6,20	0,58	1,64	2,11	2,50	7,13	9,18	3,23	A+	5,60	5,30	331
	20M	53M	—	1,76	4,54	—	2,05	6,30	6,94	0,58	1,95	2,21	2,50	8,48	9,60	3,23	A+	5,60	6,10	381
	8.000	18.000	—	1,76	4,54	—	2,05	6,30	6,94	0,58	1,95	2,21	2,50	8,48	9,60	3,23	A+	5,60	6,10	381
	27M	27M	—	2,65	2,65	—	2,05	5,30	6,51	0,58	1,64	2,11	2,50	7,13	9,18	3,23	A+	5,60	5,30	331
	9.000	9.000	—	2,65	2,65	—	2,05	5,30	6,51	0,58	1,64	2,11	2,50	7,13	9,18	3,23	A+	5,60	5,30	331
MU2-Y 61M (1x3)	27M	35M	—	2,57	3,43	—	2,05	6,00	6,70	0,58	1,86	2,15	2,50	8,08	9,35	3,23	A+	5,60	6,00	375
	9.000	12.000	—	2,57	3,43	—	2,05	6,00	6,70	0,58	1,86	2,15	2,50	8,08	9,35	3,23	A+	5,60	6,00	375
	27M	53M	—	2,10	4,20	—	2,05	6,30	6,94	0,58	1,94	2,21	2,50	8,45	9,60	3,24	A+	5,60	6,10	381
	9.000	18.000	—	2,10	4,20	—	2,05	6,30	6,94	0,58	1,94	2,21	2,50	8,45	9,60	3,24	A+	5,60	6,10	381
	35M	35M	—	3,10	3,10	—	2,05	6,20	6,94	0,58	1,92	2,21	2,50	8,35	9,60	3,23	A+	5,60	6,10	381
	12.000	12.000	—	3,10	3,10	—	2,05	6,20	6,94	0,58	1,92	2,21	2,50	8,35	9,60	3,23	A+	5,60	6,10	381
	20M	20M	20M	2,30	2,30	2,30	2,48	6,20	7,32	0,69	1,92	2,40	3,00	8,35	10,43	3,23	A++	6,50	6,10	328
	8.000	8.000	8.000	2,30	2,30	2,30	2,48	6,20	7,32	0,69	1,92	2,40	3,00	8,35	10,43	3,23	A++	6,50	6,10	328
	20M	20M	27M	1,89	1,89	2,43	2,48	6,20	7,38	0,69	1,92	2,40	3,00	8,35	10,43	3,23	A++	6,50	6,10	328
	8.000	8.000	9.000	1,89	1,89	2,43	2,48	6,20	7,38	0,69	1,92	2,40	3,00	8,35	10,43	3,23	A++	6,50	6,10	328
	20M	20M	35M	1,67	1,67	2,86	2,48	6,20	7,44	0,69	1,92	2,40	3,00	8,35	10,43	3,23	A++	6,50	6,10	328
	8.000	8.000	12.000	1,67	1,67	2,86	2,48	6,20	7,44	0,69	1,92	2,40	3,00	8,35	10,43	3,23	A++	6,50	6,10	328
MU2-Y 61M (1x3)	20M	27M	27M	1,74	2,23	2,23	2,48	6,20	7,44	0,69	1,92	2,40	3,00	8,35	10,43	3,23	A++	6,50	6,10	328
	8.000	9.000	9.000	1,74	2,23	2,23	2,48	6,20	7,44	0,69	1,92	2,40	3,00	8,35	10,43	3,23	A++	6,50	6,10	328
	20M	27M	35M	1,55	1,99	2,66	2,48	6,20	7,44	0,69	1,92	2,40	3,00	8,35	10,43	3,23	A++	6,50	6,10	328
	8.000	9.000	12.000	1,55	1,99	2,66	2,48	6,20	7,44	0,69	1,92	2,40	3,00	8,35	10,43	3,23	A++	6,50	6,10	328
	27M	27M	27M	2,07	2,07	2,07	2,48	6,20	7,44	0,69	1,92	2,40	3,00	8,35	10,43	3,23	A++	6,50	6,10	328
	9.000	9.000	9.000	2,07	2,07	2,07	2,48	6,20	7,44	0,69	1,92	2,40	3,00	8,35	10,43	3,23	A++	6,50	6,10	328
	27M	27M	35M	1,86	1,86	2,48	2,48	6,20	7,44	0,69	1,92	2,40	3,00	8,35	10,43	3,23	A++	6,50	6,10	328
	9.000	9.000	12.000	1,86	1,86	2,48	2,48	6,20	7,44	0,69	1,92	2,40	3,00	8,35	10,43	3,23	A++	6,50	6,10	328

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)			
	TO	B	C	TO	B	C	Min.	Std.	Max.	Min.	Std.	Max.	Min.	Std.	Max.		Class	SCOP	Pd	CEA [kWh]
MU2-Y 61M (1x1)	20M	—	—	2,50	—	—	1,46	2,50	3,03	0,35	0,67	0,84	1,52	2,93	3,66	3,71	—	—	—	—
	8.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	27M	—	—	3,00	—	—	1,46	3,00	3,63	0,35	0,81	1,01	1,52	3,52	4,39	3,71	—	—	—	—
	9.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	35M	—	—	3,80	—	—	1,46	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	6,63	0,45	1,40	2,00	1,96	6,09	8,68	3,71	—	—	—	—
	18.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	20M	—	2,50	2,50	—	2,13	5,00	5,80	0,52	1,35	1,74	2,26	5,86	7,55	3,71	TO	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	2,26	6,56	7,92	3,71	TO	3,80	4,48	1651
	8.000	9.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	35M	—	2,17	3,73	—	2,13	5,90	6,44	0,52	1,59	1,91	2,26	6,91	8,30	3,71	TO	3,80	4,80	1768
	8.000	12.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	53M	—	1,82	4,68	—	2,13	6,50	7,21	0,52	1,75	2,00	2,26	7,62	8,68	3,71	A+	3,80	5,12	1886
	8.000	18.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	27M	27M	—	2,95	2,95	—	2,13	5,90	6,76	0,52	1,59	1,91	2,26	6,91	8,30	3,71	TO	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	2,26	7,38	8,45	3,71	A+	3,80	5,12	1886
	9.000	12.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	27M	53M	—	2,20	4,40	—	2,13	6,60	7,21	0,52	1,78	2,00	2,26	7,73	8,68	3,71	A+	3,80	5,12	1886
	9.000	18.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	35M	35M	—	3,15	3,15	—	2,13	6,30	7,21	0,52	1,70	2,00	2,26	7,38	8,68	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	2,25	6,44	7,60	0,62	1,74	2,17	2,72	7,55	9,43	3,71	A+	4,00	5,40	1890
	8.000	8.000	8.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	20M	27M	1,96	1,96	2,52	2,25	6,44	7,60	0,62	1,74	2,17	2,72	7,55	9,43	3,71	A+	4,00	5,40	1890
	8.000	8.000	9.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	20M	35M	1,73	1,73	2,97	2,25	6,44	7,73	0,62	1,74	2,17	2,72	7,55	9,43	3,71	A+	4,00	5,40	1890
	8.000	8.000	12.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	27M	27M	1,80	2,32	2,32	2,25	6,44	7,73	0,62	1,74	2,17	2,72	7,55	9,43	3,71	A+	4,00	5,40	1890
	8.000	9.000	9.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	27M	35M	1,61	2,07	2,76	2,25	6,44	7,73	0,62	1,74	2,17	2,72	7,55	9,43	3,71	A+	4,00	5,40	1890
	8.000	9.000	12.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	27M	27M	27M	2,15	2,15	2,15	2,25	6,44	7,73	0,62	1,74	2,17	2,72	7,55	9,43	3,71	A+	4,00	5,40	1890
	9.000	9.000	9.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	27M	27M	35M	1,93	1,93	2,58	2,25	6,44	7,73	0,62	1,74	2,17	2,72	7,55	9,43	3,71	A+	4,00	5,40	1890
	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)			
	TO	B	C	TO	B	C	Min.	Std.	Max.	Min.	Std.	Max.	Min.	Std.	Max.		Class	SEER	Pd	CEA [kWh]
MU2-Y 79M (1x1)	20M	—	—	2,30	—	—	1,58	2,00	2,90	0,40	0,62	0,77	1,74	2,69	3,37	3,23	—	—	—	—
	8.000	—	—	2,30	—	—	1,58	2,00	2,90	0,40	0,62	0,77	1,74	2,69	3,37	3,23	—	—	—	—
	27M	—	—	2,50	—	—	1,58	2,50	3,20	0,40	0,77	0,97	1,74	3,37	4,21	3,23	—	—	—	—
	9.000	—	—	2,50	—	—	1,58	2,50	3,20	0,40	0,77	0,97	1,74	3,37	4,21	3,23	—	—	—	—
	35M	—	—	3,50	—	—	1,58	3,50	3,90	0,40	1,08	1,30	1,74	4,71	5,65	3,23	—	—	—	—
	12.000	—	—	3,50	—	—	1,58	3,50	3,90	0,40	1,08	1,30	1,74	4,71	5,65	3,23	—	—	—	—
MU2-Y 79M (1x2)	53M	—	—	5,00	—	—	1,78	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	—	2,21	4,20	6,32	0,64	1,30	2,08	2,76	5,65	9,04	3,23	A+	5,60	4,20	263
	8.000	8.000	—	2,36	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
	20M	27M	—	2,36	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
	8.000	9.000	—	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
	20M	35M	—	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	12.000	—	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	53M	—	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
	8.000	18.000	—	2,65	2,65	—	2,21	5,30	7,11	0,64	1,64	2,45	2,76	7,13	10,63	3,23	A+	5,60	5,30	331
	27M	27M	—	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
	9.000	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
	27M	35M	—	2,27	4,53	—	2,21	6,80	7,90	0,64	2,09	2,69	2,76	9,10	11,70	3,25	A+	5,60	6,80	425
	9.000	12.000	—	2,27	4,53	—	2,21	6,80	7,90	0,64	2,09	2,69	2,76	9,10	11,70	3,25	A+	5,60	6,80	425
	27M	53M	—	3,15	3,15	—	2,21	6,30	7,66	0,64	1,94	2,64	2,76	8,45	11,48	3,24	A+	5,60	6,30	394
	9.000	18.000	—	3,15	3,15	—	2,21	6,30	7,66	0,64	1,94	2,64	2,76	8,45	11,48	3,24	A+	5,60	6,30	394
MU2-Y 79M (1x3)	35M	35M	—	2,72	4,08	—	2,21	6,80	7,90	0,64	2,09	2,69	2,76	9,10	11,70	3,25	A+	5,60	6,80	425
	12.000	53M	—	2,72	4,08	—	2,21	6,80	7,90	0,64	2,09	2,69	2,76	9,10	11,70	3,25	A+	5,60	6,80	425
	20M	20M	20M	2,30	2,30	2,30	2,77	7,30	8,69	0,76	2,26	2,91	3,30	9,83	12,65	3,23	A++	6,10	7,90	453
	8.000	8.000	8.000	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	7,90	453
	20M	8.000	27M	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
	8.000	8.000	9.000	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
	20M	20M	35M	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	7,90	453
	8.000	8.000	12.000	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
	20M	20M	53M	1,63	2,39	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
	8.000	8.000	18.000	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
	20M	27M	27M	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
	8.000	9.000	12.000	2,37	2,37	3,16	2,77	7,90	8,69	0,76	2,45	2,91	3,30	10,63	12,65	3,23	A++	6,10	7,90	453
	20M	27M	35M	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
	8.000	9.000	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
	20M	35M	35M	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
	8.000	12.000	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	27M	27M	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	9.000	9.000	2,37	2,37	3,16	2,77	7,90	8,69	0,76	2,45	2,91	3,30	10,63	12,65	3,23	A++	6,10	7,90	453
	27M	27M	27M	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
	9.000	9.000	9.000	2,63	2,63	2,63	2,77	7,90	8,69	0,76	2,45	2,91	3,30	10,63	12,65	3,23	A++	6,10	7,90	453
	27M	27M	27M	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
	9.000	9.000	9.000	2,63	2,63	2,63	2,77	7,90	8,69	0,76	2,45	2,91	3,30	10,63	12,65	3,23	A++	6,10	7,90	453

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)			
	TO	B	C	TO	B	C	Min.	Std.	Max.	Min.	Std.	Max.	Min.	Std.	Max.		Class	SCOP	Pd	CEA [kWh]
MU2-Y 79M (1x1)	20M	—	—	2,50	—	—	1,64	2,50	2,90	0,40	0,67	0,84	1,74	2,91	3,64	3,73	—	—	—	—
	8.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	27M	—	—	3,00	—	—	1,64	3,00	3,20	0,40	0,80	1,01	1,74	3,50	4,37	3,73	—	—	—	—
	9.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	35M	—	—	3,80	—	—	1,64	3,80	3,90	0,40	1,02	1,22	1,74	4,43	5,32	3,73	—	—	—	—
MU2-Y 79M (1x2)	12.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	53M	—	—	5,20	—	—	1,89	5,20	7,22	0,50	1,39	1,59	2,17	6,03	6,93	3,75	—	—	—	—
	18.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	20M	—	2,50	2,50	—	2,30	5,00	6,56	0,57	1,34	1,87	2,49	5,83	8,12	3,73	TO	3,80	4,80	1768
	8.000	8.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	27M	—	2,45	3,15	—	2,30	5,60	6,97	0,57	1,50	1,98	2,49	6,53	8,60	3,73	TO	3,80	5,00	1842
	8.000	9.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	35M	—	2,21	3,79	—	2,30	6,00	7,38	0,57	1,61	2,20	2,49	6,99	9,56	3,73	TO	3,80	5,10	1879
	8.000	12.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	53M	—	1,96	5,04	—	2,30	7,00	8,20	0,57	1,88	2,42	2,49	8,16	10,51	3,73	TO	3,80	5,10	1879
	8.000	18.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	27M	27M	—	3,00	3,00	—	2,30	6,00	7,38	0,57	1,61	2,20	2,49	6,99	9,56	3,73	TO	3,80	5,10	1879
	9.000	9.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	27M	35M	—	2,70	3,60	—	2,30	6,30	7,79	0,57	1,69	2,31	2,49	7,34	10,04	3,73	TO	3,80	5,10	1879
	9.000	12.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	27M	53M	—	2,33	4,67	—	2,30	7,00	8,20	0,57	1,88	2,42	2,49	8,16	10,51	3,73	TO	3,80	5,10	1879
	9.000	18.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MU2-Y 79M (1x3)	35M	35M	—	3,25	3,25	—	2,30	6,50	7,95	0,57	1,74	2,37	2,49	7,58	10,32	3,73	TO	3,80	5,10	1879
	12.000	12.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	35M	53M	—	2,80	4,20	—	2,30	7,00	8,20	0,57	1,88	2,42	2,49	8,16	10,51	3,73	TO	3,80	5,10	1879
	12.000	18.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	20M	20M	2,73	2,73	2,73	2,87	8,20	9,84	0,68	2,20	2,75	2,96	9,56	11,95	3,73	A+	4,00	5,70	1995
	8.000	8.000	8.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	20M	27M	2,50	2,50	3,21	2,87	8,20	9,84	0,68	2,20	2,75	2,96	9,56	11,95	3,73	A+	4,00	5,70	1995
	8.000	8.000	9.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	20M	35M	2,21	2,21	3,78	2,87	8,20	9,84	0,68	2,20	2,75	2,96	9,56	11,95	3,73	A+	4,00	5,70	1995
	8.000	8.000	12.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	20M	53M	1,79	1,79	4,61	2,87	8,20	9,84	0,68	2,20	2,75	2,96	9,56	11,95	3,73	A+	4,00	5,70	1995
	8.000	8.000	18.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	27M	27M	2,30	2,95	2,95	2,87	8,20	9,84	0,68	2,20	2,75	2,96	9,56	11,95	3,73	A+	4,00	5,70	1995
	8.000	9.000	9.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	27M	35M	2,35	2,64	3,51	2,87	8,20	9,84	0,68	2,20	2,75	2,96	9,56	11,95	3,73	A+	4,00	5,70	1995
	8.000	9.000	12.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	27M	53M	1,69	2,17	4,34	2,87	8,20	9,84	0,68	2,20	2,75	2,96	9,56	11,95	3,73	A+	4,00	5,70	1995
	8.000	9.000	18.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	35M	35M	1,85	3,17	3,17	2,87	8,20	9,84	0,68	2,20	2,75	2,96	9,56	11,95	3,73	A+	4,00	5,70	1995
	8.000	12.000	12.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	27M	27M	27M	2,73	2,73	2,73	2,87	8,20	9,84	0,68	2,20	2,75	2,96	9,56	11,95	3,73	A+	4,00	5,70	1995
	9.000	9.000	9.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	27M	27M	35M	2,46	2,46	3,28	2,87	8,20	9,84	0,68	2,20	2,75	2,96	9,56	11,95	3,73	A+	4,00	5,70	1995
	9.000	9.000	12.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	27M	35M	35M	2,24	2,98	2,98	2,87	8,20	9,84	0,68	2,20	2,75	2,96	9,56	11,95	3,73	A+	4,00	5,70	1995
	9.000	12.000	12.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	35M	35M	35M	2,73	2,73	2,73	2,87	8,20	9,84	0,68	2,20	2,75	2,96	9,56	11,95	3,73	A+	4,00	5,70	1995
	12.000	12.000	12.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Notes Pd = Pdesign CEA = Annual Energy Consumption

MULTISplit

# 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)			
	TO	B	C	D	TO	B	C	D	Min.	Std.	Max.	Min.	Std.	Max.	Min.	Std.	Max.		Class	SEER	Pd	CEA [kWh]
MU2-Y 82M (1x1)	20M 8.000	—	—	—	2,30	—	—	—	1,52	2,00	2,90	0,40	0,62	0,77	1,74	2,69	3,37	3,23	—	—	—	—
	27M 9.000	—	—	—	2,50	—	—	—	1,52	2,50	3,20	0,40	0,77	0,97	1,74	3,37	4,21	3,23	—	—	—	—
	35M 12.000	—	—	—	3,50	—	—	—	1,52	3,50	3,90	0,40	1,08	1,30	1,74	4,71	5,65	3,23	—	—	—	—
	53M 18.000	—	—	—	5,00	—	—	—	1,72	5,00	6,50	0,50	1,55	1,78	2,17	6,73	7,74	3,23	—	—	—	—
	20M 8.000	20M 8.000	—	—	2,10	2,10	—	—	2,05	4,20	6,07	0,63	1,30	2,03	2,76	5,65	8,83	3,23	TO	5,10	4,20	288
	20M 8.000	27M 9.000	—	—	2,36	2,64	—	—	2,05	4,70	6,40	0,63	1,46	2,16	2,76	6,33	9,38	3,23	TO	5,10	4,70	323
MU2-Y 82M (1x2)	20M 8.000	35M 12.000	—	—	1,95	3,35	—	—	2,05	5,30	6,81	0,63	1,64	2,28	2,76	7,13	9,93	3,23	TO	5,10	5,30	364
	20M 8.000	53M 18.000	—	—	1,96	5,04	—	—	2,05	7,00	7,54	0,63	2,17	2,79	2,76	9,42	12,14	3,23	TO	5,10	7,00	480
	27M 9.000	27M 9.000	—	—	2,65	2,65	—	—	2,05	5,30	6,81	0,63	1,64	2,28	2,76	7,13	9,93	3,23	TO	5,10	5,30	364
	27M 9.000	35M 12.000	—	—	2,57	3,43	—	—	2,05	6,00	6,97	0,63	1,86	2,41	2,76	8,08	10,49	3,23	TO	5,10	6,00	412
	27M 9.000	53M 18.000	—	—	2,43	4,87	—	—	2,05	7,30	7,54	0,63	2,26	2,79	2,76	9,83	12,14	3,23	TO	5,10	7,30	501
	35M 12.000	35M 12.000	—	—	3,25	3,25	—	—	2,05	6,50	7,38	0,63	2,01	2,49	2,76	8,75	10,82	3,23	TO	5,10	6,50	446
	35M 12.000	53M 18.000	—	—	2,92	4,38	—	—	2,05	7,30	7,54	0,63	2,26	2,79	2,76	9,83	12,14	3,23	TO	5,10	7,30	501
	53M 18.000	53M 18.000	—	—	3,75	3,75	—	—	2,05	7,50	7,54	0,63	2,32	2,79	2,76	10,10	12,14	3,23	TO	5,10	7,50	515
	20M 8.000	20M 8.000	20M 8.000	—	2,30	2,30	2,30	—	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
	20M 8.000	20M 8.000	27M 9.000	—	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
MU2-Y 82M (1x3)	20M 8.000	20M 8.000	35M 12.000	—	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
	20M 8.000	20M 8.000	53M 18.000	—	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
	20M 8.000	27M 9.000	27M 9.000	—	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
	20M 8.000	27M 9.000	35M 12.000	—	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
	20M 8.000	27M 9.000	53M 18.000	—	1,61	2,36	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
	20M 8.000	35M 12.000	35M 12.000	—	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
	20M 8.000	35M 12.000	53M 18.000	—	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
	27M 9.000	27M 9.000	27M 9.000	—	2,37	2,37	2,37	—	2,62	7,10	8,45	0,76	2,20	2,94	3,31	9,56	12,80	3,23	A+	6,50	7,10	382
	27M 9.000	27M 9.000	35M 12.000	—	2,34	2,34	3,12	—	2,62	7,80	8,45	0,76	2,41	2,94	3,31	10,50	12,80	3,23	A+	6,50	7,80	420
	27M 9.000	27M 9.000	53M 18.000	—	1,95	1,95	3,90	—	2,62	7,80	8,45	0,76	2,41	2,94	3,31	10,50	12,80	3,23	A+	6,50	7,80	420
	27M 9.000	35M 12.000	35M 12.000	—	2,13	2,84	2,84	—	2,62	7,80	8,45	0,76	2,41	2,94	3,31	10,50	12,80	3,23	A+	6,50	7,80	420
	27M 9.000	35M 12.000	53M 18.000	—	1,80	2,40	3,60	—	2,62	7,80	8,45	0,76	2,41	2,94	3,31	10,50	12,80	3,23	A+	6,50	7,80	420
	35M 12.000	35M 12.000	35M 12.000	—	2,60	2,60	2,60	—	2,62	7,80	8,45	0,76	2,41	2,94	3,31	10,50	12,80	3,23	A+	6,50	7,80	420

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)			
	TO	B	C	D	TO	B	C	D	Min.	Std.	Max.	Min.	Std.	Max.	Min.	Std.	Max.		Class	SEER	Pd	CEA [kWh]
MU2-Y 82M (1x4)	20M 8.000	20M 8.000	20M 8.000	20M 8.000	2,30	2,30	2,30	2,30	2,87	8,20	9,92	0,86	2,54	3,17	3,75	11,04	13,80	3,23	A++	7,00	8,20	410
	20M 8.000	20M 8.000	20M 8.000	27M 9.000	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++	7,00	8,20	410
	20M 8.000	20M 8.000	20M 8.000	35M 12.000	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++	7,00	8,20	410
	20M 8.000	20M 8.000	20M 8.000	53M 18.000	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++	7,00	8,20	410
	20M 8.000	20M 8.000	27M 9.000	27M 9.000	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++	7,00	8,20	410
	20M 8.000	20M 8.000	27M 9.000	35M 12.000	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++	7,00	8,20	410
	20M 8.000	20M 8.000	35M 12.000	35M 12.000	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++	7,00	8,20	410
	20M 8.000	27M 9.000	27M 9.000	27M 9.000	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++	7,00	8,20	410
	20M 8.000	27M 9.000	27M 9.000	35M 12.000	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++	7,00	8,20	410
	20M 8.000	27M 9.000	35M 12.000	35M 12.000	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++	7,00	8,20	410
	<b>27M 9.000</b>	<b>27M 9.000</b>	<b>27M 9.000</b>	<b>27M 9.000</b>	<b>2,35</b>	<b>2,35</b>	<b>2,35</b>	<b>2,35</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>7,00</b>	<b>8,20</b>	<b>410</b>
	27M 9.000	27M 9.000	27M 9.000	35M 12.000	1,89	1,89	1,89	2,52	2,87	8,20	9,92	0,86	2,54	3,17	3,75	11,04	13,80	3,23	A++	7,00	8,20	410

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)			
	TO	B	C	D	TO	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	—	—	—	3,00	—	—	—	1,63	3,00	3,20	0,40	0,80	1,00	1,74	3,48	4,35	3,75	—	—	—	—
	27M	—	—	—	3,80	—	—	—	1,63	3,80	3,90	0,40	1,01	1,22	1,74	4,41	5,29	3,75	—	—	—	—
	9.000	—	—	—	5,60	—	—	—	1,85	5,60	6,78	0,50	1,48	1,70	2,17	6,44	7,41	3,78	—	—	—	—
	35M	—	—	—	2,50	2,50	—	—	2,20	5,00	6,51	0,59	1,31	1,90	2,58	5,71	8,25	3,81	TO	3,40	3,85	1585
	12.000	—	—	—	2,45	3,15	—	—	2,20	5,60	6,86	0,59	1,47	2,02	2,58	6,39	8,77	3,81	TO	3,40	4,31	1776
MU2-Y 82M (1x2)	53M	—	—	—	2,21	3,79	—	—	2,20	6,00	7,30	0,59	1,57	2,13	2,58	6,85	9,28	3,81	TO	3,40	4,62	1902
	18.000	—	—	—	2,18	5,62	—	—	2,20	7,80	8,10	0,59	2,03	2,61	2,58	8,81	11,34	3,85	TO	3,40	6,01	2473
	20M	20M	—	—	3,00	3,00	—	—	2,20	6,00	7,30	0,59	1,57	2,13	2,58	6,85	9,28	3,81	TO	3,40	4,62	1902
	8.000	8.000	—	—	3,00	4,00	—	—	2,20	7,00	7,48	0,59	1,84	2,25	2,58	7,99	9,80	3,81	TO	3,40	5,39	2219
	20M	27M	—	—	2,63	5,27	—	—	2,20	7,90	8,10	0,59	2,05	2,61	2,58	8,92	11,34	3,85	TO	3,40	6,08	2505
	8.000	9.000	—	—	3,75	3,75	—	—	2,20	7,50	7,92	0,59	1,97	2,32	2,58	8,56	10,11	3,81	TO	3,40	5,78	2378
	20M	35M	—	—	3,20	4,80	—	—	2,20	8,00	8,10	0,59	2,08	2,61	2,58	9,03	11,34	3,85	TO	3,40	6,08	2505
	8.000	12.000	—	—	4,00	4,00	—	—	2,20	8,00	8,10	0,59	2,08	2,61	2,58	9,03	11,34	3,85	TO	3,40	6,08	2505
	20M	53M	—	—	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	TO	3,50	5,39	2156
	8.000	18.000	—	—	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	TO	3,50	6,01	2402
	20M	20M	20M	—	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	TO	3,50	6,10	2440
	8.000	8.000	8.000	—	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	TO	3,50	6,20	2480
	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	TO	3,50	6,10	2440
	8.000	9.000	9.000	—	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	TO	3,50	6,20	2480
	20M	27M	35M	—	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	TO	3,50	6,20	2480
	8.000	9.000	12.000	—	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	TO	3,50	6,20	2480
MU2-Y 82M (1x3)	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	TO	3,50	6,20	2480
	8.000	12.000	18.000	—	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	TO	3,50	6,20	2480
	20M	27M	27M	—	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	TO	3,50	6,20	2480
	8.000	9.000	9.000	—	2,15	2,15	4,30	—	2,82	8,60	9,06	0,71	2,32	2,75	3,09	10,08	11,96	3,71	TO	3,50	6,20	2480
	20M	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	TO	3,50	6,20	2480
	8.000	12.000	12.000	—	1,98	2,65	3,97	—	2,82	8,60	9,06	0,71	2,32	2,75	3,09	10,08	11,96	3,71	TO	3,50	6,20	2480
	20M	35M	53M	—	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	TO	3,50	6,20	2480
	8.000	12.000	18.000	—	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	TO	3,50	6,20	2480
	20M	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	TO	3,50	6,20	2480
	8.000	12.000	12.000	—	1,98	2,65	3,97	—	2,82	8,60	9,06	0,71	2,32	2,75	3,09	10,08	11,96	3,71	TO	3,50	6,20	2480
	20M	35M	53M	—	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	TO	3,50	6,20	2480
	8.000	12.000	18.000	—	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	TO	3,50	6,20	2480
	20M	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	TO	3,50	6,20	2480
	8.000	12.000	12.000	—	1,98	2,65	3,97	—	2,82	8,60	9,06	0,71	2,32	2,75	3,09	10,08	11,96	3,71	TO	3,50	6,20	2480
	20M	35M	53M	—	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	TO	3,50	6,20	2480
	8.000	12.000	18.000	—	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	TO	3,50	6,20	2480

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)			
	TO	B	C	D	TO	B	C	D	Min.	Std.	Max.	Min.	Std.	Max.	Min.	Std.	Max.		Class	SCOP	Pd	CEA [kWh]
MU2-Y 82M (x4)	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	TO	4,00	6,50	2275
	20M 8.000	20M 8.000	20M 8.000	27M 9.000	2,35	2,35	2,35	2,64	3,08	8,80	10,65	0,81	2,37	2,96	3,51	10,31	12,89	3,71	TO	4,00	6,50	2275
	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	TO	4,00	6,50	2275
	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	TO	4,00	6,50	2275
	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	TO	4,00	6,50	2275
	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	TO	4,00	6,50	2275
	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	TO	4,00	6,50	2275
	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	TO	4,00	6,50	2275
	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	TO	4,00	6,50	2275
	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	TO	4,00	6,50	2275
	<b>27M 9.000</b>	<b>27M 9.000</b>	<b>27M 9.000</b>	<b>27M 9.000</b>	<b>2,20</b>	<b>2,20</b>	<b>2,20</b>	<b>2,20</b>	<b>3,08</b>	<b>8,80</b>	<b>10,65</b>	<b>0,81</b>	<b>2,37</b>	<b>2,96</b>	<b>3,51</b>	<b>10,31</b>	<b>12,89</b>	<b>3,71</b>	<b>TO</b>	<b>4,00</b>	<b>6,50</b>	<b>2275</b>
	27M 9.000	27M 9.000	27M 9.000	35M 12.000	2,33	2,33	2,33	2,71	3,08	8,80	10,65	0,81	2,37	2,96	3,51	10,31	12,89	3,71	TO	4,00	6,50	2275

Notes Pd = Pdesign CEA = Annual Energy Consumption

MULTISplit

# 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)			
		TO	B	C	D	TO	B	C	D	Min.	Std.	Max.	Min.	Std.	Max.	Min.	Std.	Max.		Class	SEER	Pd	CEA [kWh]
COOLING	MU2-Y 105M (1x1)	20M	—	—	—	2,00	—	—	—	1,58	2,00	2,90	0,45	0,61	0,76	1,96	2,85	3,56	3,28	—	—	—	—
		8.000	—	—	—	2,50	—	—	—	1,58	2,50	3,20	0,45	0,76	0,95	1,96	3,56	4,45	3,28	—	—	—	—
		27M	—	—	—	3,50	—	—	—	1,58	3,50	3,90	0,45	1,07	1,28	1,96	4,99	5,99	3,28	—	—	—	—
		9.000	—	—	—	5,00	—	—	—	1,79	5,00	6,50	0,58	1,52	1,75	2,52	7,13	8,20	3,28	—	—	—	—
		35M	—	—	—	7,00	—	—	—	2,21	7,00	8,00	0,62	2,13	2,45	2,70	9,98	11,48	3,28	—	—	—	—
		12.000	—	—	—	10,60	—	—	—	-	10,60	-	-	3,50	-	-	-	-	3,01	A++	6,10	10,60	613
		53M	—	—	—	2,10	2,10	—	—	2,21	4,20	6,30	0,62	1,28	2,11	2,89	5,99	9,89	3,28	A++	6,10	4,20	241
		18.000	—	—	—	2,06	2,64	—	—	2,21	4,70	6,51	0,62	1,43	2,28	2,89	6,70	10,65	3,28	A++	6,10	4,70	270
		70M	—	—	—	2,03	3,47	—	—	2,21	5,50	6,83	0,62	1,68	2,44	2,89	7,84	11,41	3,28	A++	6,10	5,50	316
	MU2-Y 105M (1x2)	8.000	12.000	—	—	1,96	5,04	—	—	2,21	7,00	8,40	0,62	2,13	2,86	2,89	9,98	13,39	3,28	A++	6,10	7,00	402
		20M	70M	—	—	2,03	6,97	—	—	2,21	9,00	9,45	0,62	2,74	3,06	2,89	12,83	14,30	3,28	A++	6,10	9,00	516
		8.000	24.000	—	—	2,65	2,65	—	—	2,21	5,30	6,83	0,62	1,62	2,44	2,89	7,56	11,41	3,28	A++	6,10	5,30	304
		27M	27M	—	—	2,57	3,43	—	—	2,21	6,00	7,35	0,62	1,83	2,60	2,89	8,55	12,17	3,28	A++	6,10	6,00	344
		9.000	35M	—	—	2,50	5,00	—	—	2,21	7,50	9,45	0,62	2,29	2,93	2,89	10,69	13,70	3,28	A++	6,10	7,50	430
		27M	18.000	—	—	2,59	6,91	—	—	2,21	9,50	9,98	0,62	2,90	3,12	2,89	13,54	14,61	3,28	A++	6,10	9,50	545
		9.000	70M	—	—	3,50	3,50	—	—	2,21	7,00	7,88	0,62	2,13	2,76	2,89	9,98	12,93	3,28	A++	6,10	7,00	402
		35M	12.000	—	—	3,40	5,10	—	—	2,21	8,50	9,98	0,62	2,59	2,93	2,89	12,12	13,70	3,28	A++	6,10	8,50	488
		12.000	53M	—	—	3,33	6,67	—	—	2,21	10,00	10,50	0,62	3,09	3,19	2,89	14,44	14,91	3,24	A++	6,10	10,00	574
		35M	24.000	—	—	5,00	5,00	—	—	2,21	10,00	10,50	0,62	3,09	3,25	2,89	14,44	15,22	3,24	A++	6,10	10,00	574
		12.000	53M	—	—																		
		53M	18.000	—	—																		
		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				COOLING CAPACITY [KW]				TOTAL COOLING CAPACITY [KW]			POWER INPUT COOLING [KW]			TOTAL COOLING CURRENT [A]			EER	SEASONAL EFFICIENCY (EN14825)			
	TO	B	C	D	TO	B	C	D	Min.	Std.	Max.	Min.	Std.	Max.	Min.	Std.	Max.		Class	SEER	Pd	CEA [kWh]
MU2-Y 105M (1x3)	20M	20M	20M	—	2,00	2,00	2,00	—	2,84	6,00	7,35	0,78	1,80	2,93	3,65	8,42	13,70	3,33	A++	6,30	6,00	333
	8.000	8.000	8.000	—	1,98	1,98	2,54	—	2,84	6,50	7,88	0,78	1,98	3,09	3,65	9,27	14,46	3,28	A++	6,30	6,50	361
	20M	20M	27M	—	2,02	2,02	3,46	—	2,84	7,50	8,93	0,78	2,29	3,25	3,65	10,69	15,22	3,28	A++	6,30	7,50	417
	8.000	8.000	9.000	—	1,97	1,97	5,06	—	2,84	9,00	11,55	0,78	2,74	3,58	3,65	12,83	16,74	3,28	A++	6,30	9,00	500
	20M	20M	53M	—	1,84	1,84	6,32	—	2,84	10,00	11,55	0,78	3,09	3,58	3,65	14,44	16,74	3,24	A++	6,30	10,00	556
	8.000	8.000	18.000	—	1,96	2,52	2,52	—	2,84	7,00	8,93	0,78	2,13	3,25	3,65	9,98	15,22	3,28	A++	6,30	7,00	389
	20M	27M	70M	—	2,00	2,57	3,43	—	2,84	8,00	9,98	0,78	2,44	3,41	3,65	11,40	15,98	3,28	A++	6,30	8,00	444
	8.000	9.000	24.000	—	1,96	2,51	5,03	—	2,84	9,50	11,55	0,78	2,93	3,58	3,65	13,72	16,74	3,24	A++	6,30	9,50	528
	20M	27M	35M	—	1,75	2,25	6,00	—	2,84	10,00	11,55	0,78	3,09	3,58	3,65	14,44	16,74	3,24	A++	6,30	10,00	556
	8.000	9.000	12.000	—	2,03	3,48	3,48	—	2,84	9,00	10,50	0,78	2,78	3,41	3,65	13,00	15,98	3,24	A++	6,30	9,00	500
	20M	35M	53M	—	1,89	3,24	4,86	—	2,84	10,00	11,55	0,78	3,09	3,58	3,65	14,44	16,74	3,24	A++	6,30	10,00	556
	8.000	12.000	18.000	—	1,63	2,79	5,58	—	2,84	10,00	11,55	0,78	3,09	3,58	3,65	14,44	16,74	3,24	A++	6,30	10,00	556
	20M	35M	70M	—	1,63	4,19	4,19	—	2,84	10,00	11,55	0,78	3,09	3,58	3,65	14,44	16,74	3,24	A++	6,30	10,00	556
	8.000	12.000	24.000	—	2,50	2,50	2,50	—	2,84	7,50	9,98	0,78	2,31	3,41	3,65	10,83	15,98	3,24	A++	6,30	7,50	417
	20M	53M	35M	—	2,55	2,55	3,40	—	2,84	8,50	10,50	0,78	2,62	3,41	3,65	12,28	15,98	3,24	A++	6,30	8,50	472
	8.000	18.000	18.000	—	2,50	2,50	5,00	—	2,84	10,00	11,55	0,78	3,09	3,58	3,65	14,44	16,74	3,24	A++	6,30	10,00	556
	27M	27M	70M	—	2,14	2,14	5,71	—	2,84	10,00	11,55	0,78	3,09	3,58	3,65	14,44	16,74	3,24	A++	6,30	10,00	556
	9.000	9.000	24.000	—	2,59	3,45	3,45	—	2,84	9,50	11,55	0,78	2,93	3,58	3,65	13,72	16,74	3,24	A++	6,30	9,50	528
	27M	35M	53M	—	2,31	3,08	4,62	—	2,84	10,00	11,55	0,78	3,09	3,58	3,65	14,44	16,74	3,24	A++	6,30	10,00	556
	9.000	12.000	18.000	—	2,00	2,67	5,33	—	2,84	10,00	11,55	0,78	3,09	3,58	3,65	14,44	16,74	3,24	A++	6,30	10,00	556
	27M	35M	35M	—	2,00	4,00	4,00	—	2,84	10,00	11,55	0,78	3,09	3,58	3,65	14,44	16,74	3,24	A++	6,30	10,00	556
	9.000	18.000	18.000	—	3,33	3,33	3,33	—	2,84	10,00	11,55	0,78	3,09	3,58	3,65	14,44	16,74	3,24	A++	6,30	10,00	556
	35M	35M	53M	—	2,86	2,86	4,29	—	2,84	10,00	11,55	0,78	3,09	3,58	3,65	14,44	16,74	3,24	A++	6,30	10,00	556
	12.000	12.000	18.000	—	2,50	2,50	5,00	—	2,84	10,00	11,55	0,78	3,09	3,58	3,65	14,44	16,74	3,24	A++	6,30	10,00	556
	35M	35M	70M	—	2,50	3,75	3,75	—	2,84	10,00	11,55	0,78	3,09	3,58	3,65	14,44	16,74	3,24	A++	6,30	10,00	556
	12.000	12.000	24.000	—	2,50	3,75	3,75	—	2,84	10,00	11,55	0,78	3,09	3,58	3,65	14,44	16,74	3,24	A++	6,30	10,00	556
	35M	53M	53M	—	2,50	3,75	3,75	—	2,84	10,00	11,55	0,78	3,09	3,58	3,65	14,44	16,74	3,24	A++	6,30	10,00	556
	12.000	18.000	18.000	—	2,50	3,75	3,75	—	2,84	10,00	11,55	0,78	3,09	3,58	3,65	14,44	16,74	3,24	A++	6,30	10,00	556

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.

MULTISplit

# 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)			
	TO	B	C	D	TO	B	C	D	Min.	Std.	Max.	Min.	Std.	Max.	Min.	Std.	Max.		Class	SEER	Pd	CEA [kWh]
MU2-Y 105M (1x4)	20M	20M	20M	20M	2,05	2,05	2,05	2,05	3,68	8,20	10,50	0,88	2,29	3,25	4,11	10,64	15,22	3,58	A++	6,50	8,20	442
	8.000	8.000	8.000	8.000																		
	20M	20M	20M	27M	1,98	1,98	1,98	2,55	3,68	8,50	11,55	0,88	2,47	3,41	4,11	11,51	15,98	3,44	A++	6,50	8,50	458
	8.000	8.000	8.000	9.000																		
	20M	20M	20M	35M	2,02	2,02	2,02	3,45	3,68	9,50	12,60	0,88	2,86	3,84	4,11	13,37	17,96	3,32	A++	6,50	9,50	512
	8.000	8.000	8.000	12.000																		
	20M	20M	20M	53M	1,87	1,87	1,87	4,80	3,68	10,40	13,65	0,88	3,22	3,97	4,11	15,07	18,57	3,23	A++	6,50	10,40	560
	8.000	8.000	8.000	18.000																		
	20M	20M	20M	70M	1,63	1,63	1,63	5,60	3,68	10,50	13,65	0,88	3,25	3,97	4,11	15,22	18,57	3,23	A++	6,50	10,50	565
	8.000	8.000	8.000	24.000																		
	20M	20M	27M	27M	1,97	1,97	2,53	2,53	3,68	9,00	12,60	0,88	2,71	3,84	4,11	12,66	17,96	3,32	A++	6,50	9,00	485
	8.000	8.000	9.000	9.000																		
	20M	20M	27M	35M	2,00	2,00	2,57	3,43	3,68	10,00	13,13	0,88	3,09	3,90	4,11	14,44	18,26	3,24	A++	6,50	10,00	538
	8.000	8.000	9.000	12.000																		
	20M	20M	27M	53M	1,79	1,79	2,30	4,61	3,68	10,50	13,65	0,88	3,25	3,97	4,11	15,22	18,57	3,23	A++	6,50	10,50	565
	8.000	8.000	9.000	18.000																		
	20M	20M	27M	70M	1,56	1,56	2,01	5,36	3,68	10,50	13,65	0,88	3,25	3,97	4,11	15,22	18,57	3,23	A++	6,50	10,50	565
	8.000	8.000	9.000	24.000																		
	20M	20M	35M	35M	1,93	1,93	3,32	3,32	3,68	10,50	13,65	0,88	3,25	3,97	4,11	15,22	18,57	3,23	A++	6,50	10,50	565
	8.000	8.000	12.000	12.000																		
	20M	20M	35M	53M	1,67	1,67	2,86	4,30	3,68	10,50	13,65	0,88	3,25	3,97	4,11	15,22	18,57	3,23	A++	6,50	10,50	565
	8.000	8.000	12.000	18.000																		
	20M	20M	53M	53M	1,47	1,47	3,78	3,78	3,68	10,50	13,65	0,88	3,25	3,97	4,11	15,22	18,57	3,23	A++	6,50	10,50	565
	8.000	8.000	18.000	18.000																		
	20M	27M	27M	27M	1,96	2,51	2,51	2,51	3,68	9,50	13,13	0,88	2,92	3,84	4,11	13,68	17,96	3,25	A++	6,50	9,50	512
	8.000	9.000	9.000	9.000																		
	20M	27M	27M	35M	1,99	2,55	2,55	3,41	3,68	10,50	13,65	0,88	3,25	3,97	4,11	15,22	18,57	3,23	A++	6,50	10,50	565
	8.000	9.000	9.000	12.000																		
	20M	27M	27M	53M	1,71	2,20	2,20	4,40	3,68	10,50	13,65	0,88	3,25	3,97	4,11	15,22	18,57	3,23	A++	6,50	10,50	565
	8.000	9.000	9.000	18.000																		
	20M	27M	27M	70M	1,50	1,93	1,93	5,14	3,68	10,50	13,65	0,88	3,25	3,97	4,11	15,22	18,57	3,23	A++	6,50	10,50	565
	8.000	9.000	9.000	24.000																		
	20M	27M	35M	35M	1,84	2,36	3,15	3,15	3,68	10,50	13,65	0,88	3,25	3,97	4,11	15,22	18,57	3,23	A++	6,50	10,50	565
	8.000	9.000	12.000	12.000																		
	20M	27M	35M	53M	1,60	2,05	2,74	4,11	3,68	10,50	13,65	0,88	3,25	3,97	4,11	15,22	18,57	3,23	A++	6,50	10,50	565
	8.000	9.000	12.000	18.000																		
	20M	27M	53M	53M	1,41	1,82	3,63	3,63	3,68	10,50	13,65	0,88	3,25	3,97	4,11	15,22	18,57	3,23	A++	6,50	10,50	565
	8.000	9.000	18.000	18.000																		
	20M	35M	35M	35M	1,71	2,93	2,93	2,93	3,68	10,50	13,65	0,88	3,25	3,97	4,11	15,22	18,57	3,23	A++	6,50	10,50	565
	8.000	12.000	12.000	12.000																		
20M	35M	35M	53M	1,50	2,57	2,57	3,86	3,68	10,50	13,65	0,88	3,25	3,97	4,11	15,22	18,57	3,23	A++	6,50	10,50	565	
8.000	12.000	12.000	18.000																			
27M	27M	27M	27M	2,63	2,63	2,63	2,63	3,68	10,50	13,65	0,88	3,25	3,97	4,11	15,22	18,57	3,23	A++	6,50	10,50	565	
9.000	9.000	9.000	9.000																			
27M	27M	27M	35M	2,42	2,42	2,42	3,23	3,68	10,50	13,65	0,88	3,25	3,97	4,11	15,22	18,57	3,23	A++	6,50	10,50	565	
9.000	9.000	9.000	12.000																			
27M	27M	27M	53M	2,10	2,10	2,10	4,20	3,68	10,50	13,65	0,88	3,25	3,97	4,11	15,22	18,57	3,23	A++	6,50	10,50	565	
9.000	9.000	9.000	18.000																			
27M	27M	35M	35M	2,25	2,25	3,00	3,00	3,68	10,50	13,65	0,88	3,25	3,97	4,11	15,22	18,57	3,23	A++	6,50	10,50	565	
9.000	9.000	12.000	12.000																			
27M	27M	35M	53M	1,97	1,97	2,63	3,94	3,68	10,50	13,65	0,88	3,25	3,97	4,11	15,22	18,57	3,23	A++	6,50	10,50	565	
9.000	9.000	12.000	18.000																			
27M	35M	35M	35M	2,10	2,80	2,80	2,80	3,68	10,50	13,65	0,88	3,25	3,97	4,11	15,22	18,57	3,23	A++	6,50	10,50	565	
9.000	12.000	12.000	12.000																			
27M	35M	35M	53M	1,85	2,47	2,47	3,71	3,68	10,50	13,65	0,88	3,25	3,97	4,11	15,22	18,57	3,23	A++	6,50	10,50	565	
9.000	12.000	12.000	18.000																			
35M	35M	35M	35M	2,63	2,63	2,63	2,63	3,68	10,50	13,65	0,88	3,25	3,97	4,11	15,22	18,57	3,23	A++	6,50	10,50	565	
12.000	12.000	12.000	12.000																			

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)

HEATING	OUTDOOR UNIT	INDOOR UNIT				HEATING CAPACITY [KW]				TOTAL HEATING CAPACITY [KW]			ABSORBED HEATING CAPACITY [KW]			TOTAL COOLING CURRENT [A]			COP	SEASONAL EFFICIENCY (EN14825)			
		TO	B	C	D	TO	B	C	D	Min.	Std.	Max.	Min.	Std.	Max.	Min.	Std.	Max.		Class	SCOP	Pd	CEA [kWh]
MU2-Y 105M (1x1)	20M	—	—	—	—	2,50	—	—	—	1,67	2,50	2,90	0,45	0,67	0,84	1,96	3,00	3,75	3,71	—	—	—	—
	8.000	—	—	—	—	3,00	—	—	—	1,67	3,00	3,20	0,45	0,81	1,01	1,96	3,60	4,50	3,71	—	—	—	—
	27M	—	—	—	—	3,80	—	—	—	1,67	3,80	3,90	0,45	1,02	1,23	1,96	4,56	5,48	3,71	—	—	—	—
	9.000	—	—	—	—	5,20	—	—	—	1,89	5,20	7,00	0,55	1,40	1,61	2,39	6,74	7,76	3,71	—	—	—	—
	35M	—	—	—	—	7,20	—	—	—	1,89	7,20	8,00	0,58	1,94	2,23	2,52	8,79	10,11	3,71	—	—	—	—
	12.000	—	—	—	—	11,10	—	—	—	-	11,10	-	-	3,00	-	-	-	-	3,71	TO	3,80	8,80	3246
	53M	—	—	—	—	2,50	2,50	—	—	2,33	5,00	6,66	0,57	1,35	1,94	2,51	5,99	8,57	3,71	TO	3,50	4,34	1736
	18.000	—	—	—	—	2,45	3,15	—	—	2,33	5,60	6,88	0,57	1,51	2,09	2,51	6,71	9,23	3,71	TO	3,50	3,88	1550
	70M	—	—	—	—	2,21	3,79	—	—	2,33	6,00	7,22	0,57	1,62	2,24	2,51	7,19	9,89	3,71	TO	3,50	4,34	1736
	24.000	—	—	—	—	2,24	5,76	—	—	2,33	8,00	8,88	0,57	2,16	2,63	2,51	9,61	11,60	3,71	TO	3,40	4,65	1915
	HYDRO-M	—	—	—	—	2,17	7,43	—	—	2,33	9,60	10,77	0,57	2,59	2,81	2,51	11,53	12,39	3,71	TO	3,40	4,65	1915
	27M	—	—	—	—	3,00	3,00	—	—	2,33	6,00	7,22	0,57	1,62	2,24	2,51	7,19	9,89	3,71	TO	3,50	6,20	2480
	9.000	—	—	—	—	3,00	4,00	—	—	2,33	7,00	7,77	0,57	1,89	2,39	2,51	8,38	10,55	3,71	TO	3,50	4,65	1860
MU2-Y 105M (1x2)	27M	—	—	—	—	2,93	5,87	—	—	2,33	8,80	9,99	0,57	2,37	2,69	2,51	10,57	11,87	3,71	TO	3,40	5,43	2234
	9.000	—	—	—	—	2,67	7,13	—	—	2,33	9,80	10,66	0,57	2,64	2,84	2,51	11,77	12,53	3,71	TO	3,40	4,65	1915
	27M	—	—	—	—	3,75	3,75	—	—	2,33	7,50	8,33	0,57	2,02	2,54	2,51	9,01	11,21	3,71	TO	3,50	6,82	2728
	9.000	—	—	—	—	3,76	5,64	—	—	2,33	9,40	10,55	0,57	2,53	2,69	2,51	11,29	11,87	3,71	TO	3,40	5,81	2393
	27M	—	—	—	—	3,33	6,67	—	—	2,33	10,00	10,88	0,57	2,70	2,93	2,51	12,01	12,92	3,71	TO	3,40	4,65	1915
	9.000	—	—	—	—	5,05	5,05	—	—	2,33	10,10	11,10	0,57	2,72	2,99	2,51	12,16	13,19	3,71	TO	3,60	7,29	2833
	35M	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	12.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	35M	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	12.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	35M	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	12.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

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.

MULTISplit

# COMBINATION TABLES

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

MULTISplit

HEATING	OUTDOOR UNIT	INDOOR UNIT				HEATING CAPACITY [KW]				TOTAL HEATING CAPACITY [KW]			ABSORBED HEATING CAPACITY [KW]			TOTAL COOLING CURRENT [A]			COP	SEASONAL EFFICIENCY (EN14825)				
		TO	B	C	D	TO	B	C	D	Min.	Std.	Max.	Min.	Std.	Max.	Min.	Std.	Max.			Class	SCOP	Pd	CEA [kWh]
MU2-Y 105M (1x3)		20M 8.000	20M 8.000	20M 8.000	—	2,50	2,50	2,50	—	3,00	7,50	7,77	0,72	2,02	2,69	3,16	8,93	11,87	3,71	TO	3,60	8,53	3315	
		20M 8.000	20M 8.000	27M 9.000	—	2,37	2,37	3,05	—	3,00	7,80	8,33	0,72	2,10	2,84	3,16	9,29	12,53	3,71	TO	3,60	5,81	2260	
		20M 8.000	20M 8.000	35M 12.000	—	2,29	2,29	3,92	—	3,00	8,50	9,44	0,72	2,29	2,99	3,16	10,13	13,19	3,71	TO	3,60	6,05	2351	
		20M 8.000	20M 8.000	53M 18.000	—	2,34	2,34	6,02	—	3,00	10,70	12,21	0,72	2,88	3,29	3,16	12,82	14,50	3,71	TO	3,60	6,59	2562	
		20M 8.000	20M 8.000	70M 24.000	—	1,97	1,97	6,76	—	3,00	10,70	12,21	0,72	2,88	3,29	3,16	12,82	14,50	3,71	TO	3,60	6,59	2562	
		20M 8.000	27M 9.000	27M 9.000	—	2,38	3,06	3,06	—	3,00	8,50	9,44	0,72	2,29	2,99	3,16	10,13	13,19	3,71	TO	3,60	8,91	3466	
		20M 8.000	27M 9.000	35M 12.000	—	2,50	3,21	4,29	—	3,00	10,00	10,55	0,72	2,70	3,14	3,16	11,91	13,85	3,71	TO	3,60	6,59	2562	
		20M 8.000	27M 9.000	53M 18.000	—	2,20	2,83	5,66	—	3,00	10,70	12,21	0,72	2,88	3,29	3,16	12,82	14,50	3,71	TO	3,60	7,75	3014	
		20M 8.000	27M 9.000	70M 24.000	—	1,87	2,41	6,42	—	3,00	10,70	12,21	0,72	2,88	3,29	3,16	12,82	14,50	3,71	TO	3,60	7,75	3014	
		20M 8.000	35M 12.000	35M 12.000	—	2,28	3,91	3,91	—	3,00	10,10	11,10	0,72	2,72	3,14	3,16	12,10	13,85	3,71	TO	3,60	8,91	3466	
		20M 8.000	35M 12.000	53M 18.000	—	2,02	3,47	5,21	—	3,00	10,70	12,21	0,72	2,88	3,29	3,16	12,85	14,50	3,71	TO	3,60	8,53	3315	
		20M 8.000	35M 12.000	70M 24.000	—	1,74	2,99	5,97	—	3,00	10,70	12,21	0,72	2,88	3,29	3,16	12,85	14,50	3,71	TO	3,60	8,53	3315	
		20M 8.000	53M 18.000	53M 18.000	—	1,74	4,48	4,48	—	3,00	10,70	12,21	0,72	2,88	3,29	3,16	12,89	14,50	3,71	TO	3,60	8,91	3466	
		27M 9.000	27M 9.000	27M 9.000	—	3,33	3,33	3,33	—	3,00	10,00	10,55	0,72	2,70	3,14	3,16	11,98	13,85	3,71	TO	3,60	8,91	3466	
		27M 9.000	27M 9.000	35M 12.000	—	3,03	3,03	4,04	—	3,00	10,10	11,10	0,72	2,72	3,14	3,16	12,10	13,85	3,71	TO	3,60	7,75	3014	
		27M 9.000	27M 9.000	53M 18.000	—	2,68	2,68	5,35	—	3,00	10,70	12,21	0,72	2,88	3,29	3,16	12,89	14,50	3,71	TO	3,60	8,53	3315	
		27M 9.000	27M 9.000	70M 24.000	—	2,29	2,29	6,11	—	2,73	10,70	11,11	0,63	2,88	2,90	2,79	12,85	12,78	3,71	TO	3,60	8,53	3315	
		27M 9.000	35M 12.000	35M 12.000	—	2,92	3,89	3,89	—	3,00	10,70	12,21	0,72	2,88	3,29	3,16	12,82	14,50	3,71	TO	3,60	8,91	3466	
		27M 9.000	35M 12.000	53M 18.000	—	2,47	3,29	4,94	—	3,00	10,70	12,21	0,72	2,88	3,29	3,16	12,85	14,50	3,71	TO	3,60	8,91	3466	
		27M 9.000	35M 12.000	70M 24.000	—	2,14	2,85	5,71	—	3,00	10,70	12,21	0,72	2,88	3,29	3,16	12,85	14,50	3,71	TO	3,60	8,91	3466	
		27M 9.000	53M 18.000	53M 18.000	—	2,14	4,28	4,28	—	3,00	10,70	12,21	0,72	2,88	3,29	3,16	12,89	14,50	3,71	TO	3,60	8,91	3466	
		35M 12.000	35M 12.000	35M 12.000	—	3,57	3,57	3,57	—	3,00	10,70	12,21	0,72	2,88	3,29	3,16	12,82	14,50	3,71	TO	3,60	8,91	3466	
		35M 12.000	35M 12.000	53M 18.000	—	3,06	3,06	4,59	—	3,00	10,70	12,21	0,72	2,88	3,29	3,16	12,85	14,50	3,71	TO	3,60	8,91	3466	
		35M 12.000	35M 12.000	70M 24.000	—	2,68	2,68	5,35	—	3,00	10,70	12,21	0,72	2,88	3,29	3,16	12,85	14,50	3,71	TO	3,60	8,91	3466	
		35M 12.000	53M 18.000	53M 18.000	—	2,68	4,01	4,01	—	3,00	10,70	12,21	0,72	2,88	3,29	3,16	12,85	14,50	3,71	TO	3,60	8,91	3466	

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)

HEATING	OUTDOOR UNIT	INDOOR UNIT				HEATING CAPACITY [KW]				TOTAL HEATING CAPACITY [KW]			ABSORBED HEATING CAPACITY [KW]			TOTAL COOLING CURRENT [A]			COP	SEASONAL EFFICIENCY (EN14825)			
		TO	B	C	D	TO	B	C	D	Min.	Std.	Max.	Min.	Std.	Max.	Min.	Std.	Max.		Class	SCOP	Pd	CEA [kWh]
MU2-Y105M (1x4)		20M 8.000	20M 8.000	20M 8.000	20M 8.000	2,50	2,50	2,50	2,50	3,89	10,00	11,10	0,81	2,56	2,99	3,56	11,26	13,19	3,91	A+	4,00	8,91	3119
		20M 8.000	20M 8.000	20M 8.000	27M 9.000	2,36	2,36	2,36	3,03	3,89	10,10	11,66	0,81	2,64	3,14	3,56	11,62	13,85	3,83	A+	4,00	7,75	2713
		20M 8.000	20M 8.000	20M 8.000	35M 12.000	2,31	2,31	2,31	3,96	3,89	10,90	12,21	0,81	2,90	3,29	3,56	12,77	14,50	3,76	A+	4,00	8,53	2984
		20M 8.000	20M 8.000	20M 8.000	53M 18.000	1,99	1,99	1,99	5,12	3,89	11,10	13,32	0,81	2,98	3,89	3,56	13,11	17,14	3,73	A+	4,00	9,15	3201
		20M 8.000	20M 8.000	20M 8.000	70M 24.000	1,73	1,73	1,73	5,92	3,89	11,10	13,32	0,81	2,98	3,89	3,56	13,11	17,14	3,73	A+	4,00	9,15	3201
		20M 8.000	20M 8.000	27M 9.000	27M 9.000	2,38	2,38	3,07	3,07	3,89	10,90	12,21	0,81	2,90	3,29	3,56	12,77	14,50	3,76	A+	4,00	9,20	3220
		20M 8.000	20M 8.000	27M 9.000	35M 12.000	2,22	2,22	2,85	3,81	3,89	11,10	12,77	0,81	2,95	3,59	3,56	13,01	15,82	3,76	A+	4,00	9,15	3201
		20M 8.000	20M 8.000	27M 9.000	53M 18.000	1,90	1,90	2,44	4,87	3,89	11,10	13,32	0,81	2,99	3,89	3,56	13,19	17,14	3,71	A+	4,00	9,20	3220
		20M 8.000	20M 8.000	27M 9.000	70M 24.000	1,65	1,65	2,13	5,67	3,89	11,10	13,32	0,81	2,99	3,89	3,56	13,19	17,14	3,71	A+	4,00	9,20	3220
		20M 8.000	20M 8.000	35M 12.000	35M 12.000	2,04	2,04	3,51	3,51	3,89	11,10	13,32	0,81	2,98	3,89	3,56	13,11	17,14	3,73	A+	4,00	9,20	3220
		20M 8.000	20M 8.000	35M 12.000	53M 18.000	1,77	1,77	3,03	4,54	3,89	11,10	13,32	0,81	2,99	3,89	3,56	13,22	17,14	3,71	A+	4,00	9,20	3220
		20M 8.000	20M 8.000	53M 18.000	53M 18.000	1,55	1,55	4,00	4,00	3,89	11,10	13,32	0,81	2,99	3,89	3,56	13,22	17,14	3,71	A+	4,00	9,20	3220
		20M 8.000	27M 9.000	27M 9.000	27M 9.000	2,29	2,94	2,94	2,94	3,89	11,10	12,77	0,81	2,95	3,44	3,56	13,01	15,16	3,76	A+	4,00	9,20	3220
		20M 8.000	27M 9.000	27M 9.000	35M 12.000	2,10	2,70	2,70	3,60	3,89	11,10	13,32	0,81	2,99	3,89	3,56	13,22	17,14	3,71	A+	4,00	9,20	3220
		20M 8.000	27M 9.000	27M 9.000	53M 18.000	1,81	2,32	2,32	4,65	3,89	11,10	13,32	0,81	2,99	3,89	3,56	13,19	17,14	3,71	A+	4,00	9,20	3220
		20M 8.000	27M 9.000	27M 9.000	70M 24.000	1,59	2,04	2,04	5,44	3,89	11,10	13,32	0,81	2,99	3,89	3,56	13,19	17,14	3,71	A+	4,00	9,20	3220
		20M 8.000	27M 9.000	35M 12.000	35M 12.000	1,94	2,50	3,33	3,33	3,89	11,10	13,32	0,81	2,99	3,89	3,56	13,22	17,14	3,71	A+	4,00	9,20	3220
		20M 8.000	27M 9.000	35M 12.000	53M 18.000	1,69	2,17	2,90	4,34	3,89	11,10	13,32	0,81	2,99	3,89	3,56	13,19	17,14	3,71	A+	4,00	9,20	3220
		20M 8.000	27M 9.000	53M 18.000	53M 18.000	1,49	1,92	3,84	3,84	3,89	11,10	13,32	0,81	2,99	3,89	3,56	13,19	17,14	3,71	A+	4,00	9,20	3220
		20M 8.000	35M 12.000	35M 12.000	35M 12.000	1,81	3,10	3,10	3,10	3,89	11,10	13,32	0,81	2,99	3,89	3,56	13,19	17,14	3,71	A+	4,00	9,20	3220
		20M 8.000	35M 12.000	35M 12.000	53M 18.000	1,59	2,72	2,72	4,08	3,89	11,10	13,32	0,81	2,99	3,89	3,56	13,19	17,14	3,71	A+	4,00	9,20	3220
		27M 9.000	27M 9.000	27M 9.000	27M 9.000	2,78	2,78	2,78	2,77	3,89	11,10	13,32	0,81	2,99	3,89	3,56	13,19	17,14	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	3,89	11,10	13,32	0,81	2,99	3,89	3,56	13,19	17,14	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	3,89	11,10	13,32	0,81	2,99	3,89	3,56	13,19	17,14	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	3,89	11,10	13,32	0,81	2,99	3,89	3,56	13,19	17,14	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	3,89	11,10	13,32	0,81	2,99	3,89	3,56	13,19	17,14	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	3,89	11,10	13,32	0,81	2,99	3,89	3,56	13,19	17,14	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	3,89	11,10	13,32	0,81	2,99	3,89	3,56	13,19	17,14	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	2,77	3,89	11,10	13,32	0,81	2,99	3,89	3,56	13,19	17,14	3,71	A+	4,00	9,20	3220

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.

MULTISplit

# 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)			
		TO	B	C	D	E	TO	B	C	D	E	Min.	Std.	Max.	Min.	Std.	Max.	Min.	Std.	Max.		Class	SEER	Pd	CEA [kWh]
COOLING	MU2-Y 125M (1x1)	20M	—	—	—	—	2,30	—	—	—	—	1,66	2,00	2,90	0,45	1,02	1,28	1,96	4,44	5,56	3,23	—	—	—	—
		8.000	—	—	—	—	2,50	—	—	—	—	1,66	2,50	3,20	0,45	1,28	1,60	1,96	5,56	6,94	3,23	—	—	—	—
		27M	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		9.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		35M	—	—	—	—	3,50	—	—	—	—	1,66	3,50	3,90	0,45	1,79	2,15	1,96	7,78	9,33	3,23	—	—	—	—
		12.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		53M	—	—	—	—	5,00	—	—	—	—	1,85	5,00	6,50	0,58	1,98	2,28	2,52	8,62	9,91	3,23	—	—	—	—
		18.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	MU2-Y 125M (1x2)	70M	—	—	—	—	7,00	—	—	—	—	2,09	7,00	8,20	0,70	2,30	2,42	3,04	10,00	10,50	3,23	—	—	—	—
		24.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		20M	20M	—	—	—	2,10	2,10	—	—	—	2,34	4,20	7,38	0,65	1,49	2,21	2,81	6,49	9,60	3,23	TO	5,10	4,20	288
		8.000	8.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		20M	27M	—	—	—	2,39	2,69	—	—	—	2,34	4,78	7,63	0,65	1,70	2,36	2,81	7,38	10,27	3,23	TO	5,10	4,70	323
		8.000	9.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		20M	35M	—	—	—	2,38	3,57	—	—	—	2,34	5,65	8,00	0,65	2,01	2,55	2,81	8,72	11,09	3,23	TO	5,10	5,50	377
		8.000	12.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		20M	53M	—	—	—	2,37	5,32	—	—	—	2,34	7,38	9,84	0,65	2,62	2,70	2,81	11,40	11,76	3,23	TO	5,10	7,00	480
		8.000	18.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		20M	70M	—	—	—	2,34	6,98	—	—	—	2,34	9,02	11,69	0,65	3,21	3,05	2,81	13,94	13,25	3,23	TO	5,10	9,10	625
		8.000	24.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		27M	27M	—	—	—	2,68	2,68	—	—	—	2,34	5,36	8,00	0,65	1,90	2,55	2,81	8,28	11,09	3,23	TO	5,10	5,30	364
		9.000	9.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		27M	35M	—	—	—	2,67	3,56	—	—	—	2,34	6,23	8,61	0,65	2,21	2,59	2,81	9,62	11,26	3,23	TO	5,10	6,00	412
		9.000	12.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		27M	53M	—	—	—	2,65	5,31	—	—	—	2,34	7,96	11,07	0,65	2,83	2,86	2,81	12,30	12,42	3,23	TO	5,10	7,50	515
		9.000	18.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		27M	70M	—	—	—	2,62	6,98	—	—	—	2,34	9,60	12,30	0,65	3,41	3,24	2,81	14,83	14,07	3,23	TO	5,10	9,70	666
		9.000	24.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		35M	35M	—	—	—	3,55	3,55	—	—	—	2,34	7,09	9,23	0,65	2,52	2,70	2,81	10,96	11,76	3,23	TO	5,10	7,00	480
		12.000	12.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		35M	53M	—	—	—	3,53	5,30	—	—	—	2,34	8,83	11,69	0,65	3,14	3,12	2,81	13,64	13,58	3,23	TO	5,10	8,50	583
		12.000	18.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		35M	70M	—	—	—	3,49	6,98	—	—	—	2,34	10,47	12,30	0,65	3,72	3,43	2,81	16,17	14,90	3,23	TO	5,10	10,00	686
		12.000	24.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		53M	53M	—	—	—	5,28	5,28	—	—	—	2,34	10,56	12,30	0,65	3,75	3,43	2,81	16,32	14,90	3,23	TO	5,10	10,50	721
		18.000	18.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		53M	70M	—	—	—	4,93	6,57	—	—	—	2,34	11,50	12,50	0,65	3,88	3,43	2,81	16,88	14,90	3,23	TO	5,10	11,50	789
		18.000	24.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Notes Pd = Pdesign CEA = Annual Energy Consumption

# 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)				
		TO	B	C	D	E	TO	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	—	—	2,30	2,30	2,30	—	—	2,89	6,13	7,38	0,80	1,76	3,05	3,48	7,66	13,25	3,23	TO	5,30	6,00	396	
		20M 8.000	20M 8.000	27M 9.000	—	—	2,34	2,34	2,62	—	—	2,89	6,71	8,61	0,80	1,93	3,24	3,48	8,39	14,07	3,23	TO	5,30	6,50	429	
		20M 8.000	20M 8.000	35M 12.000	—	—	2,34	2,34	3,50	—	—	2,89	7,58	9,23	0,80	2,18	3,43	3,48	9,47	14,90	3,23	TO	5,30	7,50	495	
		20M 8.000	20M 8.000	53M 18.000	—	—	2,34	2,34	5,24	—	—	2,89	9,31	11,07	0,80	2,68	3,62	3,48	11,64	15,73	3,23	TO	5,30	9,00	594	
		20M 8.000	20M 8.000	70M 24.000	—	—	2,32	2,32	6,92	—	—	2,89	10,95	12,92	0,80	3,15	3,81	3,48	13,69	16,56	3,23	TO	5,30	11,00	726	
		20M 8.000	27M 9.000	27M 9.000	—	—	2,34	2,62	2,62	—	—	2,89	7,29	9,23	0,80	2,10	3,35	3,48	9,11	14,57	3,23	TO	5,30	7,00	462	
		20M 8.000	27M 9.000	35M 12.000	—	—	2,34	2,62	3,49	—	—	2,89	8,15	10,46	0,80	2,35	3,50	3,48	10,20	15,23	3,23	TO	5,30	8,00	528	
		20M 8.000	27M 9.000	53M 18.000	—	—	2,34	2,62	5,24	—	—	2,89	9,89	11,07	0,80	2,84	3,73	3,48	12,37	16,23	3,23	TO	5,30	9,50	627	
		20M 8.000	27M 9.000	70M 24.000	—	—	2,32	2,59	6,92	—	—	2,89	11,53	12,92	0,80	3,32	3,96	3,48	14,42	17,22	3,23	TO	5,30	11,50	759	
		20M 8.000	35M 12.000	35M 12.000	—	—	2,34	3,49	3,49	—	—	2,89	9,02	11,07	0,80	2,59	3,62	3,48	11,28	15,73	3,23	TO	5,30	9,00	594	
		20M 8.000	35M 12.000	53M 18.000	—	—	2,34	3,49	5,23	—	—	2,89	10,76	12,30	0,80	3,09	3,81	3,48	13,45	16,56	3,23	TO	5,30	10,50	693	
		20M 8.000	35M 12.000	70M 24.000	—	—	2,32	3,46	6,92	—	—	2,89	12,40	12,92	0,80	3,57	3,96	3,48	15,50	17,22	3,23	TO	5,30	11,50	759	
		20M 8.000	53M 18.000	53M 18.000	—	—	2,33	5,23	5,23	—	—	2,89	12,49	12,92	0,80	3,59	3,96	3,48	15,62	17,22	3,23	TO	5,30	11,50	759	
		27M 9.000	27M 9.000	27M 9.000	—	—	2,62	2,62	2,62	—	—	2,89	7,86	10,46	0,80	2,26	3,81	3,48	9,83	16,56	3,23	TO	5,30	8,00	528	
		27M 9.000	27M 9.000	35M 12.000	—	—	2,62	2,62	3,49	—	—	2,89	8,73	12,92	0,80	2,51	3,62	3,48	10,92	15,73	3,23	TO	5,30	9,00	594	
		27M 9.000	27M 9.000	53M 18.000	—	—	2,62	2,62	5,23	—	—	2,89	10,47	12,30	0,80	3,01	3,81	3,48	13,09	16,56	3,23	TO	5,30	10,50	693	
		27M 9.000	27M 9.000	70M 24.000	—	—	2,59	2,59	6,92	—	—	2,89	12,11	12,92	0,80	3,48	3,96	3,48	15,14	17,22	3,23	TO	5,30	11,50	759	
		27M 9.000	35M 12.000	35M 12.000	—	—	2,62	3,49	3,49	—	—	2,89	9,60	11,07	0,80	2,76	3,62	3,48	12,00	15,73	3,23	TO	5,30	9,00	594	
		27M 9.000	35M 12.000	53M 18.000	—	—	2,62	3,49	5,23	—	—	2,89	11,34	11,69	0,80	3,26	3,81	3,48	14,18	16,56	3,23	TO	5,30	11,00	726	
		27M 9.000	35M 12.000	70M 24.000	—	—	2,60	3,46	6,92	—	—	2,89	12,98	12,92	0,80	3,73	3,96	3,48	16,23	17,22	3,23	TO	5,30	11,50	759	
		27M 9.000	53M 18.000	53M 18.000	—	—	2,61	5,23	5,23	—	—	2,89	13,07	12,92	0,80	3,76	3,96	3,48	16,35	17,22	3,23	TO	5,30	12,00	792	
		35M 12.000	35M 12.000	35M 12.000	—	—	3,49	3,49	3,49	—	—	2,89	10,47	11,07	0,80	3,01	3,73	3,48	13,09	16,23	3,23	TO	5,30	9,50	627	
		35M 12.000	35M 12.000	53M 18.000	—	—	3,49	3,49	5,23	—	—	2,89	12,20	12,92	0,80	3,51	3,96	3,48	15,26	17,22	3,23	TO	5,30	11,50	759	
		35M 12.000	35M 12.000	70M 24.000	—	—	3,46	3,46	6,92	—	—	2,89	13,84	12,92	0,80	3,98	3,96	3,48	17,31	17,22	3,23	TO	5,30	12,00	792	
		35M 12.000	53M 18.000	53M 18.000	—	—	3,48	5,23	5,23	—	—	2,89	13,94	12,92	0,80	4,01	3,96	3,48	17,43	17,22	3,23	TO	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	3,96	3,48	18,05	17,22	3,23	TO	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	3,96	3,48	18,05	17,22	3,23	TO	5,30	12,00	792	

Notes Pd = Pdesign CEA = Annual Energy Consumption

MULTISplit



# 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)			
						TO	B	C	D	E	Min.	Std.	Max.	Min.	Std.	Max.	Min.	Std.	Max.		Class	SEER	Pd	CEA [kWh]
MU2Y 125M (1x4)	20M	20M	20M	20M	—	2,30	2,30	2,30	2,30	—	3,69	8,00	10,50	0,91	2,63	3,43	3,97	11,44	14,90	3,23	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	3,62	3,97	12,23	15,73	3,23	A+	5,60	8,50	531
	20M	20M	20M	27M	—	2,32	2,32	2,32	3,45	—	3,69	9,50	11,69	0,91	3,17	3,73	3,97	13,79	16,23	3,23	A+	5,60	9,50	594
	8.000	8.000	8.000	12.000	—	2,36	2,36	2,36	5,31	—	3,69	11,50	12,30	0,91	3,91	4,19	3,97	17,00	18,21	3,23	A+	5,60	11,50	719
	20M	20M	20M	70M	—	1,87	1,87	1,87	6,40	—	3,69	12,00	13,53	0,91	4,15	4,38	3,97	18,05	19,04	3,23	A+	5,60	12,00	750
	8.000	8.000	8.000	24.000	—	2,38	2,38	2,67	2,67	—	3,69	9,50	11,69	0,91	3,16	3,73	3,97	13,75	16,23	3,23	A+	5,60	9,50	594
	20M	20M	27M	35M	—	2,00	2,00	2,57	3,43	—	3,69	10,00	12,30	0,91	3,36	4,19	3,97	14,60	18,21	3,23	A+	5,60	10,00	625
	8.000	8.000	9.000	12.000	—	1,96	1,96	2,52	5,05	—	3,69	11,50	12,30	0,91	3,93	4,19	3,97	17,11	18,21	3,23	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	4,38	3,97	18,05	19,04	3,23	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	4,19	3,97	15,48	18,21	3,23	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	4,19	3,97	17,27	18,21	3,23	A+	5,60	11,50	719
	8.000	8.000	12.000	18.000	—	1,72	1,72	2,95	5,90	—	3,69	12,30	13,53	0,91	4,26	4,38	3,97	18,50	19,04	3,23	A+	5,60	12,40	775
	20M	20M	53M	53M	—	1,72	1,72	4,43	4,43	—	3,69	12,30	13,53	0,91	4,26	4,38	3,97	18,50	19,04	3,23	A+	5,60	12,40	775
	8.000	8.000	18.000	18.000	—	1,54	1,54	3,95	5,27	—	3,69	12,30	13,53	0,91	4,26	4,38	3,97	18,50	19,04	3,23	A+	5,60	12,40	775
	20M	20M	53M	70M	—	2,36	2,65	2,65	2,65	—	3,69	10,00	12,30	0,91	3,35	4,19	3,97	14,56	18,21	3,23	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	4,19	3,97	15,43	18,21	3,23	A+	5,60	10,50	656
	20M	27M	27M	53M	—	1,87	2,41	2,41	4,81	—	3,69	11,50	13,53	0,91	3,96	4,19	3,97	17,21	18,21	3,23	A+	5,60	11,50	719
	8.000	9.000	9.000	18.000	—	1,76	2,26	2,26	6,02	—	3,69	12,30	13,53	0,91	4,26	4,38	3,97	18,50	19,04	3,23	A+	5,60	12,40	775
	20M	27M	35M	35M	—	2,31	2,59	3,45	3,45	—	3,69	11,50	13,53	0,91	3,92	4,19	3,97	17,05	18,21	3,23	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	4,38	3,97	18,05	19,04	3,23	A+	5,60	12,00	750
	20M	27M	35M	70M	—	1,66	2,13	2,84	5,68	—	3,69	12,30	13,53	0,91	4,26	4,38	3,97	18,50	19,04	3,23	A+	5,60	12,40	775
	8.000	9.000	12.000	24.000	—	1,66	2,13	4,26	4,26	—	3,69	12,30	13,53	0,91	4,26	4,38	3,97	18,50	19,04	3,23	A+	5,60	12,40	775
	20M	27M	53M	70M	—	1,48	1,91	3,82	5,09	—	3,69	12,30	13,53	0,91	4,23	4,38	3,97	18,41	19,04	3,23	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	4,19	3,97	17,21	18,21	3,23	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	4,38	3,97	18,05	19,04	3,23	A+	5,60	12,00	750
	8.000	12.000	12.000	18.000	—	1,57	2,68	2,68	5,37	—	3,69	12,30	13,53	0,91	4,26	4,38	3,97	18,50	19,04	3,23	A+	5,60	12,40	775
	20M	35M	53M	53M	—	1,57	2,68	4,03	4,03	—	3,69	12,30	13,53	0,91	4,26	4,38	3,97	18,50	19,04	3,23	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	4,19	3,97	15,38	18,21	3,23	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	4,19	3,97	17,00	18,21	3,23	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	4,38	3,97	18,05	19,04	3,23	A+	5,60	12,00	750
	27M	27M	27M	70M	—	2,17	2,17	2,17	5,79	—	3,69	12,30	13,53	0,91	4,26	4,38	3,97	18,50	19,04	3,23	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	4,19	3,97	17,16	18,21	3,23	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	4,38	3,97	18,05	19,04	3,23	A+	5,60	12,00	750
	9.000	9.000	12.000	18.000	—	2,35	2,35	2,73	5,47	—	3,69	12,30	13,53	0,91	4,26	4,38	3,97	18,50	19,04	3,23	A+	5,60	12,40	775
	27M	27M	53M	53M	—	2,35	2,35	4,10	4,10	—	3,69	12,30	13,53	0,91	4,26	4,38	3,97	18,50	19,04	3,23	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	4,19	3,97	17,30	18,21	3,23	A+	5,60	11,50	719
	27M	35M	35M	53M	—	2,17	2,89	2,89	4,34	—	3,69	12,30	13,53	0,91	4,26	4,38	3,97	18,50	19,04	3,23	A+	5,60	12,40	775
	9.000	12.000	12.000	18.000	—	1,94	2,59	2,59	5,18	—	3,69	12,30	13,53	0,91	4,26	4,38	3,97	18,50	19,04	3,23	A+	5,60	12,40	775
	27M	35M	53M	53M	—	1,94	2,59	3,88	3,88	—	3,69	12,30	13,53	0,91	4,26	4,38	3,97	18,50	19,04	3,23	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	4,19	3,97	17,30	18,21	3,23	A+	5,60	11,50	719
	35M	35M	35M	53M	—	2,73	2,73	2,73	4,10	—	3,69	12,30	13,53	0,91	4,26	4,38	3,97	18,50	19,04	3,23	A+	5,60	12,40	775
	12.000	12.000	12.000	18.000	—																			

# 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)			
		TO	B	C	D	E	TO	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	4,57	4,47	16,56	19,87	3,23	A++	6,10	12,30	706
MU2-Y 125M (1x5)		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	14,00	1,03	3,81	4,57	4,47	16,56	19,87	3,23	A++	6,10	12,30	706
		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	14,00	1,03	3,81	4,57	4,47	16,56	19,87	3,23	A++	6,10	12,30	706
		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	14,00	1,03	3,81	4,57	4,47	16,56	19,87	3,23	A++	6,10	12,30	706
		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	14,00	1,03	3,81	4,57	4,47	16,56	19,87	3,23	A++	6,10	12,30	706
		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	14,00	1,03	3,81	4,57	4,47	16,56	19,87	3,23	A++	6,10	12,30	706
		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	14,00	1,03	3,81	4,57	4,47	16,56	19,87	3,23	A++	6,10	12,30	706
		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	14,00	1,03	3,81	4,57	4,47	16,56	19,87	3,23	A++	6,10	12,30	706
		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	14,00	1,03	3,81	4,57	4,47	16,56	19,87	3,23	A++	6,10	12,30	706
		20M 8.000	20M 8.000	20M 8.000	35M 12.000	35M 12.000	1,91	1,91	1,91	3,28	3,28	4,18	12,30	14,00	1,03	3,81	4,57	4,47	16,56	19,87	3,23	A++	6,10	12,30	706
		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	14,00	1,03	3,81	4,57	4,47	16,56	19,87	3,23	A++	6,10	12,30	706
		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	14,00	1,03	3,81	4,57	4,47	16,56	19,87	3,23	A++	6,10	12,30	706
		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	14,00	1,03	3,81	4,57	4,47	16,56	19,87	3,23	A++	6,10	12,30	706
		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	14,00	1,03	3,81	4,57	4,47	16,56	19,87	3,23	A++	6,10	12,30	706
		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	14,00	1,03	3,81	4,57	4,47	16,56	19,87	3,23	A++	6,10	12,30	706
		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	14,00	1,03	3,81	4,57	4,47	16,56	19,87	3,23	A++	6,10	12,30	706
		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	14,00	1,03	3,81	4,57	4,47	16,56	19,87	3,23	A++	6,10	12,30	706
		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	14,00	1,03	3,81	4,57	4,47	16,56	19,87	3,23	A++	6,10	12,30	706
		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	14,00	1,03	3,81	4,57	4,47	16,56	19,87	3,23	A++	6,10	12,30	706
		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	14,00	1,03	3,81	4,57	4,47	16,56	19,87	3,23	A++	6,10	12,30	706
		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	14,00	1,03	3,81	4,57	4,47	16,56	19,87	3,23	A++	6,10	12,30	706
		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	14,00	1,03	3,81	4,57	4,47	16,56	19,87	3,23	A++	6,10	12,30	706
		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	14,00	1,03	3,81	4,57	4,47	16,56	19,87	3,23	A++	6,10	12,30	706
		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	14,00	1,03	3,81	4,57	4,47	16,56	19,87	3,23	A++	6,10	12,30	706
		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	14,00	1,03	3,81	4,57	4,47	16,56	19,87	3,23	A++	6,10	12,30	706
		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	14,00	1,03	3,81	4,57	4,47	16,56	19,87	3,23	A++	6,10	12,30	706
		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	14,00	1,03	3,81	4,57	4,47	16,56	19,87	3,23	A++	6,10	12,30	706
		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	14,00	1,03	3,81	4,57	4,47	16,56	19,87	3,23	A++	6,10	12,30	706
		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	14,00	1,03	3,81	4,57	4,47	16,56	19,87	3,23	A++	6,10	12,30	706
		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	14,00	1,03	3,81	4,57	4,47	16,56	19,87	3,23	A++	6,10	12,30	706
		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	14,00	1,03	3,81	4,57	4,47	16,56	19,87	3,23	A++	6,10	12,30	706
		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	3,81	4,57	4,47	16,56	19,87	3,23	A++	6,10	12,30	706
		27M 9.000	27M 9.000	27M 9.000	27M 9.000	35M 12.000	2,31	2,31	2,31	2,31	3,08	4,18	12,30	14,00	1,03	3,81	4,57	4,47	16,56	19,87	3,23	A++	6,10	12,30	706
		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	14,00	1,03	3,81	4,57	4,47	16,56	19,87	3,23	A++	6,10	12,30	706
		27M 9.000	27M 9.000	27M 9.000	35M 12.000	35M 12.000	2,17	2,17	2,17	2,89	2,89	4,18	12,30	14,00	1,03	3,81	4,57	4,47	16,56	19,87	3,23	A++	6,10	12,30	706
		27M 9.000	27M 9.000	27M 9.000	35M 12.000	53M 18.000	1,94	1,94	1,94	2,59	3,88	4,18	12,30	14,00	1,03	3,81	4,57	4,47	16,56	19,87	3,23	A++	6,10	12,30	706
		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	14,00	1,03	3,81	4,57	4,47	16,56	19,87	3,23	A++	6,10	12,30	706
		27M 9.000	35M 12.000	35M 12.000	35M 12.000	35M 12.000	1,94	2,59	2,59	2,59	2,59	4,18	12,30	14,00	1,03	3,81	4,57	4,47	16,56	19,87	3,23	A++	6,10	12,30	706

Notes Pd = Pdesign CEA = Annual Energy Consumption

MULTISplit

# COMBINATION TABLES

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

MULTISplit

HEATING	OUTDOOR UNIT	INDOOR UNIT					HEATING CAPACITY [KW]					TOTAL HEATING CAPACITY [KW]			ABSORBED HEATING CAPACITY [KW]			TOTAL COOLING CURRENT [A]			COP	SEASONAL EFFICIENCY (EN14825)			
		TO	B	C	D	E	TO	B	C	D	E	Min.	Std.	Max.	Min.	Std.	Max.	Min.	Std.	Max.		Class	SCOP	Pd	CEA [kWh]
	MU2-Y 125M (1x1)	20M	—	—	—	—	2,50	—	—	—	—	1,66	2,50	2,90	0,45	0,67	0,83	1,96	2,90	3,62	3,71	—	—	—	—
		8.000	—	—	—	—	2,50	—	—	—	—	1,66	3,00	3,20	0,45	0,80	1,00	1,96	3,48	4,35	3,71	—	—	—	—
		27M	—	—	—	—	3,00	—	—	—	—	1,66	3,00	3,20	0,45	0,80	1,00	1,96	3,48	4,35	3,71	—	—	—	—
		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	—	—	—	—	3,80	—	—	—	—	1,66	3,80	3,90	0,45	1,01	1,22	1,96	4,41	5,29	3,71	—	—	—	—
		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	—	—	—	—	5,20	—	—	—	—	1,85	5,20	7,00	0,58	1,38	1,59	2,52	6,01	6,91	3,71	—	—	—	—
		18.000	—	—	—	—	5,20	—	—	—	—	1,85	5,20	7,00	0,58	1,38	1,59	2,52	6,01	6,91	3,71	—	—	—	—
	MU2-Y 125M (1x2)	70M	—	—	—	—	7,20	—	—	—	—	2,09	7,20	8,50	0,70	1,90	2,00	3,04	8,28	8,70	3,71	—	—	—	—
		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	—	—	—	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
		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	—	—	—	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
		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	—	—	—	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
		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	—	—	—	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
		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	—	—	—	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
		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	—	—	—	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
		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	—	—	—	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
		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	—	—	—	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
		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	—	—	—	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
		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	—	—	—	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	
	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	—	—	—	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	
	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	—	—	—	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	
	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	—	—	—	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	
	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	—	—	—	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	
	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	

Notes Pd = Pdesign CEA = Annual Energy Consumption

# COMBINATION TABLES

Outdoor unit: MU2-Y 125M (PENTA)

HEATING	OUTDOOR UNIT	INDOOR UNIT					HEATING CAPACITY [KW]					TOTAL HEATING CAPACITY [KW]			ABSORBED HEATING CAPACITY [KW]			TOTAL COOLING CURRENT [A]			COP	SEASONAL EFFICIENCY (EN14825)			
															Min.	Std.	Max.					Min.	Std.	Max.	Class
		TO	B	C	D	E	TO	B	C	D	E	Min.	Std.	Max.	Min.	Std.	Max.	Min.	Std.	Max.		Class	SCOP	Pd	CEA [kWh]
MU2-Y 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
		27M 9.000	27M 9.000	27M 9.000	—	—	3,33	3,33	3,33	—	—	2,89	10,00	12,30	0,70	2,60	3,32	3,03	11,29	14,41	3,71	B	3,20	8,50	3719
		27M 9.000	27M 9.000	35M 12.000	—	—	3,30	3,30	4,40	—	—	2,89	11,00	12,30	0,70	2,86	3,15	3,03	12,42	13,69	3,71	B	3,20	8,50	3719
		27M 9.000	27M 9.000	53M 18.000	—	—	2,88	2,88	5,75	—	—	2,89	11,50	12,30	0,70	2,99	3,32	3,03	12,99	14,41	3,71	B	3,20	8,50	3719
		27M 9.000	27M 9.000	70M 24.000	—	—	2,57	2,57	6,86	—	—	2,89	12,00	12,92	0,70	3,12	3,45	3,03	13,55	14,99	3,71	B	3,20	8,50	3719
		27M 9.000	35M 12.000	35M 12.000	—	—	3,14	4,18	4,18	—	—	2,89	11,50	12,30	0,70	2,99	3,15	3,03	12,99	13,69	3,71	B	3,20	8,50	3719
		27M 9.000	35M 12.000	53M 18.000	—	—	2,77	3,69	5,54	—	—	2,89	12,00	12,92	0,70	3,12	3,32	3,03	13,55	14,41	3,71	B	3,20	8,50	3719
		27M 9.000	35M 12.000	70M 24.000	—	—	2,40	3,20	6,40	—	—	2,89	12,00	12,92	0,70	3,12	3,45	3,03	13,55	14,99	3,71	B	3,20	8,50	3719
		27M 9.000	53M 18.000	53M 18.000	—	—	2,40	4,80	4,80	—	—	2,89	12,00	12,92	0,70	3,12	3,45	3,03	13,55	14,99	3,71	B	3,20	8,50	3719
		35M 12.000	35M 12.000	35M 12.000	—	—	3,83	3,83	3,83	—	—	2,89	11,50	12,30	0,70	2,99	3,25	3,03	12,99	14,13	3,71	B	3,20	8,50	3719
		35M 12.000	35M 12.000	53M 18.000	—	—	3,43	3,43	5,14	—	—	2,89	12,00	12,92	0,70	3,12	3,45	3,03	13,55	14,99	3,71	B	3,20	8,50	3719
		35M 12.000	35M 12.000	70M 24.000	—	—	3,00	3,00	6,00	—	—	2,89	12,00	12,92	0,70	3,12	3,45	3,03	13,55	14,99	3,71	B	3,20	8,50	3719
		35M 12.000	53M 18.000	53M 18.000	—	—	3,00	4,50	4,50	—	—	2,89	12,00	12,92	0,70	3,12	3,45	3,03	13,55	14,99	3,71	B	3,20	8,50	3719
		35M 12.000	53M 18.000	70M 24.000	—	—	2,67	4,00	5,33	—	—	2,89	12,00	12,92	0,70	3,12	3,45	3,03	13,55	14,99	3,71	B	3,20	8,50	3719
		53M 18.000	53M 18.000	53M 18.000	—	—	4,00	4,00	4,00	—	—	2,89	12,00	12,92	0,70	3,09	3,45	3,03	13,45	14,99	3,71	B	3,20	8,50	3719

Notes Pd = Pdesign CEA = Annual Energy Consumption

MULTISplit

# COMBINATION TABLES

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

MULTISplit

HEATING	OUTDOOR UNIT	INDOOR UNIT					HEATING CAPACITY [KW]					TOTAL HEATING CAPACITY [KW]			ABSORBED HEATING CAPACITY [KW]			TOTAL COOLING CURRENT [A]			COP	SEASONAL EFFICIENCY (EN14825)			
							TO	B	C	D	E	Min.	Std.	Max.	Min.	Std.	Max.	Min.	Std.	Max.					
		TO	B	C	D	E	TO	B	C	D	E	Min.	Std.	Max.	Min.	Std.	Max.	Min.	Std.	Max.		Class	SCOP	Pd	CEA [kWh]
MU2-Y125M (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	12,67	0,80	2,56	2,98	3,46	11,12	12,97	3,71	TO	3,40	8,80	3624
		20M 8.000	20M 8.000	20M 8.000	27M 9.000	—	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	TO	3,40	8,80	3624
		20M 8.000	20M 8.000	20M 8.000	35M 12.000	—	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	TO	3,40	8,80	3624
		20M 8.000	20M 8.000	20M 8.000	53M 18.000	—	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	TO	3,40	8,80	3624
		20M 8.000	20M 8.000	20M 8.000	70M 24.000	—	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	TO	3,40	8,80	3624
		20M 8.000	20M 8.000	27M 9.000	27M 9.000	—	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	TO	3,40	8,80	3624
		20M 8.000	20M 8.000	27M 9.000	35M 12.000	—	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	TO	3,40	8,80	3624
		20M 8.000	20M 8.000	27M 9.000	53M 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	TO	3,40	8,80	3624
		20M 8.000	20M 8.000	27M 9.000	70M 24.000		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	TO	3,40	8,80	3624
		20M 8.000	20M 8.000	35M 12.000	35M 12.000	—	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	TO	3,40	8,80	3624
		20M 8.000	20M 8.000	35M 12.000	53M 18.000	—	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	TO	3,40	8,80	3624
		20M 8.000	20M 8.000	35M 12.000	70M 24.000	—	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	TO	3,40	8,80	3624
		20M 8.000	20M 8.000	53M 18.000	53M 18.000	—	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	TO	3,40	8,80	3624
		20M 8.000	20M 8.000	53M 18.000	70M 24.000		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	TO	3,40	8,80	3624
		20M 8.000	27M 9.000	27M 9.000	27M 9.000	—	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	TO	3,40	8,80	3624
		20M 8.000	27M 9.000	27M 9.000	35M 12.000	—	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	TO	3,40	8,80	3624
		20M 8.000	27M 9.000	27M 9.000	53M 18.000	—	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	TO	3,40	8,80	3624
		20M 8.000	27M 9.000	27M 9.000	70M 24.000	—	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	TO	3,40	8,80	3624
		20M 8.000	27M 9.000	35M 12.000	35M 12.000	—	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	TO	3,40	8,80	3624
		20M 8.000	27M 9.000	35M 12.000	53M 18.000	—	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	TO	3,40	8,80	3624
		20M 8.000	27M 9.000	35M 12.000	70M 24.000	—	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	TO	3,40	8,80	3624
		20M 8.000	27M 9.000	53M 18.000	53M 18.000	—	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	TO	3,40	8,80	3624
		20M 8.000	27M 9.000	53M 18.000	70M 24.000	—	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	TO	3,40	8,80	3624
		20M 8.000	35M 12.000	35M 12.000	35M 12.000	—	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	TO	3,40	8,80	3624
		20M 8.000	35M 12.000	35M 12.000	53M 18.000	—	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	TO	3,40	8,80	3624
		20M 8.000	35M 12.000	35M 12.000	70M 24.000		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	TO	3,40	8,80	3624
		20M 8.000	35M 12.000	53M 18.000	53M 18.000	—	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	TO	3,40	8,80	3624
		27M 9.000	27M 9.000	27M 9.000	27M 9.000	—	3,00	3,00	3,00	3,00	—	3,69	12,00	13,53	0,80	3,07	3,65	3,46	13,34	15,86	3,71	TO	3,40	8,80	3624
		27M 9.000	27M 9.000	27M 9.000	35M 12.000	—	2,77	2,77	2,77	3,69	—	3,69	12,00	13,53	0,80	3,07	3,65	3,46	13,34	15,86	3,71	TO	3,40	8,80	3624
		27M 9.000	27M 9.000	27M 9.000	53M 18.000	—	2,40	2,40	2,40	4,80	—	3,69	12,00	13,53	0,80	3,07	3,81	3,46	13,34	16,58	3,71	TO	3,40	8,80	3624
		27M 9.000	27M 9.000	27M 9.000	70M 24.000	—	2,17	2,17	2,17	5,79	—	3,69	12,30	13,53	0,80	3,15	3,81	3,46	13,68	16,58	3,71	TO	3,40	8,80	3624
		27M 9.000	27M 9.000	35M 12.000	35M 12.000	—	2,57	2,57	3,43	3,43	—	3,69	12,00	13,53	0,80	3,07	3,65	3,46	13,34	15,86	3,71	TO	3,40	8,80	3624
		27M 9.000	27M 9.000	35M 12.000	53M 18.000	—	2,25	2,25	3,00	4,50	—	3,69	12,00	13,53	0,80	3,07	3,81	3,46	13,34	16,58	3,71	TO	3,40	8,80	3624
		27M 9.000	27M 9.000	35M 12.000	70M 24.000	—	2,35	2,35	2,73	5,47	—	3,69	12,30	13,53	0,80	3,15	3,81	3,46	13,68	16,58	3,71	TO	3,40	8,80	3624
		27M 9.000	27M 9.000	53M 18.000	53M 18.000	—	2,00	2,00	4,00	4,00	—	3,69	12,00	13,53	0,80	3,07	3,81	3,46	13,34	16,58	3,71	TO	3,40	8,80	3624
		27M 9.000	35M 12.000	35M 12.000	35M 12.000	—	2,40	3,20	3,20	3,20	—	3,69	12,00	13,53	0,80	3,07	3,65	3,46	13,34	15,86	3,71	TO	3,40	8,80	3624
		27M 9.000	35M 12.000	35M 12.000	53M 18.000	—	2,12	2,82	2,82	4,24	—	3,69	12,00	13,53	0,80	3,07	3,81	3,46	13,34	16,58	3,71	TO	3,40	8,80	3624
		27M 9.000	35M 12.000	35M 12.000	70M 24.000	—	1,94	2,59	2,59	5,18	—	3,69	12,30	13,53	0,80	3,15	3,81	3,46	13,68	16,58	3,71	TO	3,40	8,80	3624
		27M 9.000	35M 12.000	35M 18.000	53M 18.000	—	1,89	2,53	3,79	3,79	—	3,69	12,00	13,53	0,80	3,07	3,81	3,46	13,34	16,58	3,71	TO	3,40	8,80	3624
		35M 12.000	35M 12.000	35M 12.000	35M 12.000	—	3,00	3,00	3,00	3,00	—	3,69	12,00	13,53	0,80	3,07	3,65	3,46	13,34	15,86	3,71	TO	3,40	8,80	3624
		35M 12.000	35M 12.000	35M 12.000	53M 18.000	—	2,67	2,67	2,67	4,00	—	3,69	12,00	13,53	0,80	3,07	3,81	3,46	13,34	16,58	3,71	TO	3,40	8,80	3624

Notes Pd = Pdesign CEA = Annual Energy Consumption

# COMBINATION TABLES

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

HEATING	OUTDOOR UNIT	INDOOR UNIT					HEATING CAPACITY [KW]					TOTAL HEATING CAPACITY [KW]			ABSORBED HEATING CAPACITY [KW]			TOTAL COOLING CURRENT [A]			COP	SEASONAL EFFICIENCY (EN14825)			
							TO	B	C	D	E	Min.	Std.	Max.	Min.	Std.	Max.	Min.	Std.	Max.		Class	SCOP	Pd	CEA [kWh]
		TO	B	C	D	E	TO	B	C	D	E	Min.	Std.	Max.	Min.	Std.	Max.	Min.	Std.	Max.	TO	B	C	D	E
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	TO	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	TO	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	TO	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	TO	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	TO	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	TO	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	TO	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	TO	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	TO	3,80	9,80	3611
		20M 8.000	20M 8.000	20M 8.000	35M 12.000	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	TO	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	TO	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	TO	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	TO	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	TO	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	TO	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	TO	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	TO	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	TO	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	TO	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	TO	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	TO	3,80	9,80	3611
		20M 8.000	20M 8.000	35M 12.000	35M 18.000	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	TO	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	TO	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	TO	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	TO	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	TO	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	TO	3,80	9,80	3611
		20M 8.000	27M 9.000	27M 9.000	35M 18.000	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	TO	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	TO	3,80	9,80	3611
		20M 8.000	27M 9.000	35M 12.000	35M 18.000	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	TO	3,80	9,80	3611
		20M 8.000	35M 12.000	35M 12.000	35M 18.000	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	TO	3,80	9,80	3611
		27M 9.000	27M 9.000	27M 9.000	27M 9.000	27M 9.000	2,46	2,46	2,46	2,46	2,46	4,18	12,30	14,94	0,90	3,32	4,14	3,89	14,41	18,02	3,71	TO	3,80	9,80	3611
		27M 9.000	27M 9.000	27M 9.000	27M 9.000	35M 12.000	2,31	2,31	2,31	2,31	3,08	4,18	12,30	14,94	0,90	3,32	4,14	3,89	14,41	18,02	3,71	TO	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	TO	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	TO	3,80	9,80	3611
		27M 9.000	27M 9.000	27M 9.000	35M 18.000	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	TO	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	TO	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	TO	3,80	9,80	3611

Notes Pd = Pdesign CEA = Annual Energy Consumption



# 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

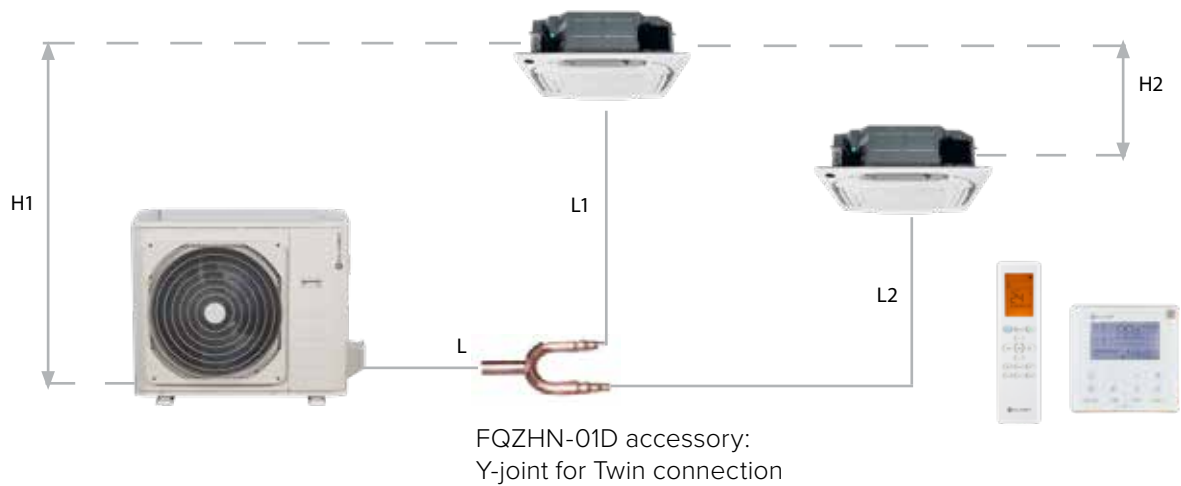
OUTDOOR UNIT	INDOOR UNITS																							
	COMPACT 4-WAY CASSETTE		4-WAY CASSETTE						DUCT						CONSOLE			CEILING & FLOOR				TOWER		
ODU-SL 2	BOX 2 650x650		BOX 2 950x950						DUCT 2						CONSOLE 3			CEILING & FLOOR 2				STANDING 2		
	IB3-XY		IA3-XY						ID3-XY						IC3-Y			IF3-XY				IS3-XY		
	35M	53M	70M	88M	105M	120M	140M	160M	35M	53M	70M	88M	105M	120M	140M	160M	35M	53M	53M	70M	105M	140M	160M	140M
MC3-Y 35M	●								●								NEW							
MC3-Y 53M		●								●								NEW	●					
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				●				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 lenght	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

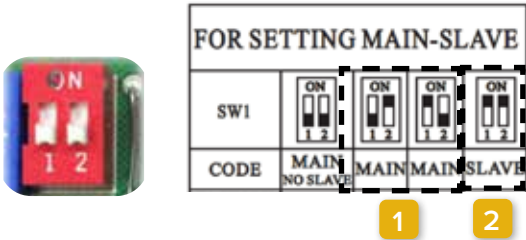
The TWIN indoor units are designed to be installed in one single room.  
The control allows to control the main unit while the secondary one follows the on/off, set-point, operating modes and fan speed settings.

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

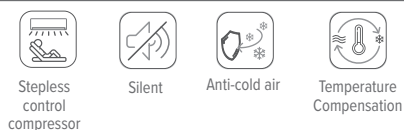


- 1. Slave indoor unit: 1 and 2 both in ON
- 2. Master indoor unit: alternate position of 1 and 2 (one in ON and the other in OFF)

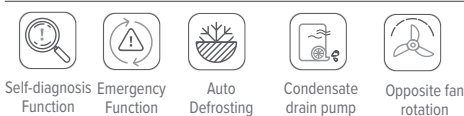
# BOX 2 650x650 35M ÷ 53M



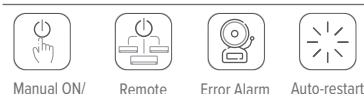
## COMFORT



## 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 (0,9~4,1)	5,28 (2,9~5,6)
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 (0,5~4,3)	5,57 (2,4~6,1)
Standard power supply	Cooling (Min.~Max.)	W		1.010 (168~1.434)	1.633 (720~2.088)
	Heating (Min.~Max.)	W		1.019 (124~1.376)	1.540 (700~1.930)
Rated current input	Cooling (Min.~Max.)	TO		4,45 (1,32~6,31)	7,2 (3,2~9,2)
	Heating (Min.~Max.)	TO		4,73 (1,04~6,07)	6,8 (3,1~8,5)
Seasonal efficiency <sup>1</sup>	Cooling	Energy class	-	A++	A++
		Design load (Pdesign)	kW	3,5	5,3
		SEER	-	6,1	6,1
		Annual energy consumption	kWh/a	186	294
	Heating	Energy class	-	A+	A+
		Design load (Pdesign)	kW	2,7	4,2
		SCOP	-	4,0	4,0
		Annual energy consumption	kWh/a	922	1.470
	Heating	Energy class	-	A+++	A++
		SCOP	-	5,10	4,80
Standard efficiency <sup>2</sup>	EER	-		3,48	3,23
	COP	-		3,74	3,71

Indoor unit				IB3-XY	35M	53M
Code					89102297	89102233
Dimensions	Unit	L x D x H	mm		570x570x260	570x570x260
	Packaging (Unit)	L x D x H	mm		655x655x290	662x662x317
	Panel	L x D x H	mm		647x647x50	647x647x50
	Packaging (Panel)	L x D x H	mm		715x715x123	715x715x123
System weight	Unit / Packaging		kg		16,3/20,4	16/20,6
	Panel / Packaging		kg		2,5/4,5	2,5/4,5
Air filter				Type	R/W	
Airflow				Hi/Mi/Lo	569/485/389	680/584/479
Sound power				Hi	57	59
Sound pressure level				Hi/Mid/Lo	42/37,5/34,5	45,4/44/39
Control systems				Infrared remote control	RG10A-D2S-BGEF	
				Settable temperature	16~30	
Power supply				Voltage/Frequency/Phases	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
Code					89092252	89112214
Dimensions	Unit	L x D x H	mm		765x303x555	805x330x554
	Packaging	L x D x H	mm		887x337x610	915x370x615
System weight	Unit / Packaging		kg		26,6/29	32,5/35,2
Sound power		Nominal	dB(A)		62	65
Sound pressure level		Nominal	dB(A)		53,6	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"

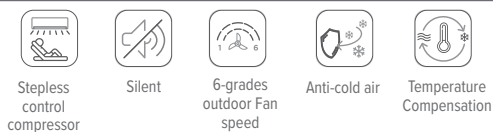
## accessories

Standard	
<b>RG10A-D2S-BGEF</b>	Infrared remote control for indoor units 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



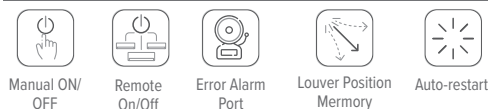
## COMFORT



## RELIABILITY



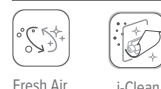
## CONVENIENCE



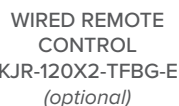
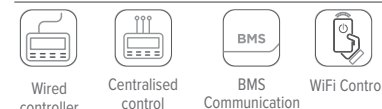
## ENERGY SAVING



## HEALTH



## OPTIONAL



## technical data

Set				70M	88M	105M	120M	105T	140T	160T
Cooling capacity	Standard (Min.~Max.)		Btu/h	24.000 (11.263~27.000)	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)
				kW 7.03 (3.3~7.9)	8.79 (2.2~9.4)	10.55 (2.7~11.4)	12.02 (2.9~12.3)	10.55 (2.7~11.4)	14.07 (3.5~15.8)	15.24 (4.1~16.7)
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)
				kW 7.62 (2.8~8.9)	9.38 (2.7~9.7)	11.14 (2.8~12.3)	13.48 (3.4~14.1)	11.14 (2.8~12.7)	16.12 (4.1~17.3)	18.17 (4.4~19.9)
Standard power supply	Cooling	Standard (Min.~Max.)	W	2.320 (780~2748)	2.750 (190~3.000)	3.950 (900~4.200)	4.200 (680~4.350)	4.000 (890~4.150)	4.650 (800~5.900)	5.000 (980~6.200)
				1.900 (610~2.700)	2.450 (430~2.550)	3.000 (800~3.950)	3.700 (750~4.250)	3.000 (780~4.000)	4.580 (900~5.500)	5.550 (1020~6.700)
Standard current input	Cooling	Standard (Min.~Max.)	TO	10.2 (4.2~12)	12.0 (2.0~13.0)	17.5 (4.2~18.5)	18.8 (3.1~19.1)	6.5 (1.4~6.5)	8.1 (1.8~10.2)	8.6 (2.1~10.7)
				8.5 (3.6~12.1)	11.0 (3.0~11.5)	13.5 (3.5~17.5)	16.3 (3.4~19)	5.0 (1.3~6.4)	8.0 (1.9~9.5)	9.6 (2.1~10.7)
Seasonal efficiency <sup>1</sup>	Cooling	Energy class	-	A++	A++	A++	A++	A++	A++	A++
		Design load (Pdesign)	kW	7.0	8.8	10.5	12.1	10.5	14.0	15.3
		SEER	-	6.1	6.1	6.1	6.1	6.1	6.1	6.1
		Annual energy consumption	kWh/a	395	467	549	700	589	810	860
	Heating	Energy class	-	A+	A+	A+	A+	A+	A+	A+
		Design load (Pdesign)	kW	6.0	7.8	8.5	9.5	8.2	11.2	11.9
		SCOP	-	4.0	4.0	4.0	4.0	4.0	4.0	4.0
		Annual energy consumption	kWh/a	2.100	2.467	2.975	3.275	2.870	3.860	4.190
	Average season	Energy class	-	A+++	A+++	A+++	A+++	A+++	A++	A+++
		SCOP	-	5.10	5.10	5.10	5.10	5.10	5.00	5.10
Standard efficiency <sup>2</sup>	EER		-	3.28	3.23	3.33	2.86	3.29	3.03	3.05
				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
Dimensions	Unit	L x D x H	mm	88072256	830x830x205	830x830x245	830x830x245	830x830x287	830x830x245	830x830x245	830x830x287
	Packaging (Unit)	L x D x H	mm	910x910x250	910x910x250	910x910x290	910x910x290	910x910x330	910x910x290	910x910x290	910x910x330
	Panel	L x D x H	mm	950x950x55	950x950x55	950x950x55	950x950x55	950x950x55	950x950x55	950x950x55	950x950x55
	Packaging (Panel)	L x D x H	mm	1035x1035x90	1035x1035x90	1035x1035x90	1035x1035x90	1035x1035x90	1035x1035x90	1035x1035x90	1035x1035x90
System weight	Unit / Packaging		kg	21.6/25.4	24.6/28.6	27.2/31.2	29.3/33.5	27.2/31.2	29.3/33.5	29.3/33.5	29.3/33.5
	Panel / Packaging		kg					6/9			
Air filter		Type	-					R/W			
Airflow		Hi/Mid/Lo	m³/h	1247/1118/992	1700/1530/1300	1700/1530/1300	1900/1750/1600	1700/1530/1300	1700/1530/1300	1900/1750/1600	
Sound power		Hi	dB(A)	59	63	64	66	64	66	66	66
Sound pressure level		Hi/Mid/Lo	dB(A)	50/47.5/42	50.5/48/46	51/48/46	52.5/50/47.5	51.0/49.0/46.0	52.5/50.5/48	52.5/50.5/48	52.5/50.5/48
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

Outdoor unit				MC3-Y	70M	88M	105M	120M	105T	140T	160T
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
System weight	Unit / Packaging		kg		43,9/46,9	52,8/57,3	66,9/71,5	71,0/75,0	80,5/85	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)		60,0	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	

## 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 / 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"

## accessories

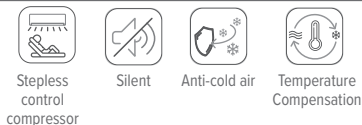
<b>Standard</b>	
<b>RG10A-D2S-BGEF</b>	Infrared remote control for indoor units EZCool / BOX 2 / CONSOLE 3 / DUCT 2 / C&F 2
<b>Optionals</b>	
<b>T-MBQ4-04B</b>	Panel for Box 2 950x950, 360° air delivery, round hole grill (Mandatory accessory, to be selected separately)
<b>KFR-120Q-EDFJB-B</b>	Smart port kit for the hiwall indoor unit management via Wi-Fi (it includes the adaptor and the USB key)
<b>Control Systems</b>	(see dedicated section)

# DUCT 2 35M ÷ 160M

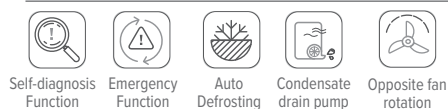


**A++ A+**

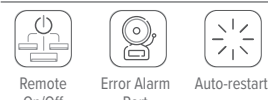
## COMFORT



## RELIABILITY



## CONVENIENCE



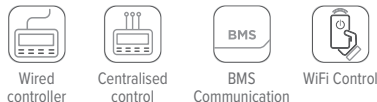
## ENERGY SAVING



## HEALTH



## OPTIONAL



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



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



REMOTE CONTROL  
RG10A-D2S-BGEF  
(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 (0,5~4,0)	5,28 (2,6~5,9)	7,03 (3,3~8,2)	8,79 (2,2~9,9)	10,55 (2,8~11,1)	12,02 (2,9~12,3)	10,55 (2,7~11,8)	14,07 (3,5~15,5)	15,24 (4,1~17,3)
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 (1,0~4,4)	5,57 (2,2~6,2)	7,62 (2,8~8,5)	9,38 (2,7~10,0)	11,72 (2,8~12,8)	13,48 (3,4~14,1)	11,72 (2,8~12,8)	16,12 (4,1~18,2)	18,17 (4,4~20,5)
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.)	TO	4,8 (1,3~6,1)	7,1 (3,2~9,6)	10,2 (4,2~13,2)	11,0 (2,0~13,5)	17,5 (4,2~18,5)	18,8 (3,1~19,8)	6,5 (1,4~6,7)	8,4 (1,9~10,4)	9,6 (3,1~11,5)
	Heating	Standard (Min.~Max.)	TO	4,5 (1,5~6,2)	6,8 (3,3~7,7)	9,2 (3,8~11,6)	10,0 (3,0~10,7)	14,5 (3,5~17,5)	15,5 (3,4~18,3)	5,3 (1,3~6,4)	8,0 (2,0~9,8)	9,5 (2,0~11,5)
Seasonal efficiency <sup>1</sup>	Cooling	Energy class	-	A++	A++	A++	A++	A++	A++	A++	A++	A++
		Design load (Pdesign)	kW	3,5	5,3	7,0	8,8	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
		Annual energy consumption	kWh/a	197	291	401	474	593	700	608	811	900
	Heating	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
		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
	Average 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>	Warmer season	Energy class	-	A+++	A+++	A+++	A+++	A+++	A+++	A+++	A++	A+++
	Warmer season	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
Code				89092219	89132211	89102201	89112238	89112241	87032229	89112241	89112243	89092248
Dimensions	Unit	L x D x H	mm	700x506x200	880x674x210	1100x774x249	1360x774x249	1360x774x249	1200x874x300	1360x774x249	1200x874x300	1200x874x300
	Packaging (Unit)	L x D x H	mm	860x540x285	1070x725x280	1305x805x315	1570x805x330	1570x805x330	1405x915x365	1570x805x330	1405x915x365	1405x915x365
System 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	m³/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)	34,5/32/30	42/39/35	49/46/41	50,5/48/46	50/48/46	51,5/49/48	50,5/49/47	51,5/49/47	52,5/49/47
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
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
System weight	Unit / Packaging		kg	26,6/29	32,5/35,2	43,9/46,9	52,8/57,3	66,9/71,5	71,0/75,0	80,5/85	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)	53,6	56	60	62	63	63	63	64	64
Operating Voltage Range	Cooling	Indoor T.	°C						16~32			
		Outdoor T.	°C/BS						-15~50			
	Heating	Indoor T.	°C						0~30			
		Outdoor T.	°C/BU						-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)		TO		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 / 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"

## accessories

Standard	
RG10A-D2S-BGEF	Infrared remote control for indoor units 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)
Control systems	(learn more at Control System page)



# CONSOLE 3 35M ÷ 53M



▶ A++ ▶ A+

NEW PRODUCT

## 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



Centralised  
control



BMS  
Communication



WiFi Control

## HEALTH



High Density  
filter



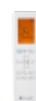
Cold Catalyst  
filter



Wi-Fi  
NWMX  
(optional)



WIRED REMOTE CON-  
TROL  
KJR-120X2-TFBG-E  
(optional)



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)
	Heating (Min.~Max.)	W		980 (150~1.300)	1.420 (600~1.900)
Rated current input	Cooling (Min.~Max.)	TO		4,52 (1,4~5,9)	6,70 (2,95~8,70)
	Heating (Min.~Max.)	TO		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	3,5	5,0
		SEER	-	7,3	6,7
		Annual energy consumption	kWh/a	168	261
	Heating	Energy class	-	A+	A+
		Design load (Pdesign)	kW	2,6	4,0
		SCOP	-	4,0	4,0
		Annual energy consumption	kWh/a	910	1.414
	Average season	Energy class	-	A+++	A++
		SCOP	-	5,5	5,0
Standard efficiency <sup>2</sup>	EER	-		3,52	3,32
	COP	-		3,89	3,72

Indoor unit				IC3-Y	35M	53M
Code					89472266	89472269
Dimensions	Unit	L x D x H	mm		794x206x621	794x206x621
	Packaging (Unit)	L x D x H	mm		865x280x719	865x280x719
	Panel	L x D x H	mm		647x647x50	647x647x50
System weight	Unit / Packaging		kg		14,9/18,8	14,9/18,8
Air filter	Type		-		CCF	
Airflow		Hi/Mi/Lo	m³/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
Code					89092252	89112214
Dimensions	Unit	L x D x H	mm		765x303x555	805x330x554
	Packaging	L x D x H	mm		887x337x610	915x370x615
System weight	Unit / Packaging		kg		26,6/29	32,5/35,2
Sound power		Nominal	dB(A)		62	65
Sound pressure level		Nominal	dB(A)		53,6	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"

## accessories

### Standard

<b>RG10A-D2S-BGEF</b>	Infrared remote control for indoor units EZCool / BOX 2 / CONSOLE 3 / DUCT 2 / C&F 2
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### Optionals

<b>NWMX</b>	Wi-fi kit for indoor units
<b>MKCX</b>	Multifunction board providing remote ON/OFF, alarm and XYE port <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)

# CEILING & FLOOR 2 53M ÷ 160M



A++ A+

## COMFORT



Stepless control compressor



Silent



Anti-cold air



Multidirectional 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 (9.300~40.200)	36.000 (9.300~39.000)	48.000 (12.000~52.000)	54.000 (14.000~57.000)
	Standard (Min.~Max.)	kW		5,28 (2,7~5,9)	7,03 (3,2~7,8)	10,55 (2,7~11,8)	10,55 (2,7~11,4)	14,07 (3,5~15,2)	15,83 (4,1~16,7)
Heating capacity	Standard (Min.~Max.)	Btu/h		19.000 (8.300~21.500)	26000 (9.300~28.300)	40.000 (9.500~43.600)	40.000 (9.600~43.600)	55.000 (14.000~58.000)	62.000 (15.000~67.000)
	Standard (Min.~Max.)	kW		5,57 (2,4~6,3)	7,62 (2,7~8,3)	11,72 (2,8~12,8)	11,72 (2,8~12,8)	16,12 (4,1~17,0)	18,17 (4,4~19,6)
Standard power supply	Cooling	Standard (Min.~Max.)	W	1.450 (670~2.030)	2.300 (747~2.930)	4.000 (890~4.300)	3.900 (900~4.250)	5.000 (900~5.950)	5.650 (1.100~6.650)
	Heating	Standard (Min.~Max.)	W	1.500 (540~1.640)	2.050 (650~2.850)	3.350 (780~3.950)	3.350 (800~3.950)	5.100 (1.000~6.050)	6.050 (1.050~7.100)
Standard current input	Cooling	Standard (Min.~Max.)	TO	6,0 (3,2~9)	10,5 (3,9~13,1)	6,3 (1,4~6,8)	17,0 (4,2~19,0)	8,8 (1,9~10,3)	9,7 (3,2~11,5)
	Heating	Standard (Min.~Max.)	TO	6,6 (2,7~7,3)	9,5 (3,5~12,7)	5,4 (1,3~6,2)	15,0 (3,5~17,5)	8,9 (2,1~10,5)	10,5 (2,2~12)
Seasonal efficiency <sup>1</sup>	Cooling	Energy class	-	A++	A++	A++	A++	A++	A++
		Design load (Pdesign)	kW	5,3	7,0	10,5	10,5	14,0	15,5
		SEER	-	6,1	6,1	6,1	6,1	6,1	6,1
		Annual energy consumption	kWh/a	305	413	574	592	809	890
	Heating	Energy class	-	A+	A+	A+	A+	A+	A+
		Design load (Pdesign)	kW	4,0	5,4	8,6	8,6	11,2	11,9
		SCOP	-	4,0	4,0	4,0	4,0	4,0	4,0
		Annual energy consumption	kWh/a	1.400	1.925	2.937	3.010	4.079	4.150
	Average season	Energy class	-	A+++	A+++	A+++	A+++	A+++	A+++
		SCOP	-	5,1	5,1	5,1	5,1	5,1	5,1
Standard efficiency <sup>2</sup>	EER	-	-	3,64	3,30	3,31	3,25	2,81	2,75
	COP	-	-	3,71	3,72	3,87	3,80	3,16	3,00

Indoor unit				IF3-XY	53M	70M	105M	105M	140M	160M
Code					89092229	89092237	89102266	89102266	89092259	89112228
Dimensions	Unit	L x D x H	mm		1068x675x235	1068x675x235	1650x675x235	1650x675x235	1650x675x235	1650x675x235
	Packaging (Unit)	L x D x H	mm		1145x755x318	1145x755x318	1725x755x318	1725x755x318	1725x755x318	1725x755x318
System weight	Unit / Packaging		kg		28/33,3	28/33,1	41,5/48	41,5/48	41,7/48,5	42,3/49,2
Air filter	Type		-							
Airflow		Hi/Mid/Lo	m³/h		958/839/723	1192/1023/853	1955/1728/1504	1955/1728/1504	2100/1850/1600	2200/1950/1650
Sound power		Hi	dB(A)		59	55	65	65	67	67
Sound pressure level		Hi/Mid/Lo	dB(A)		44/41/37	51/47/43	51/47,5/45	51,5/48/45	53/50/46	55/52/48
Control systems	Infrared remote control		-							
	Settable temperature		°C							
Power supply	Voltage/Frequency/Phases	V/Hz/n°			RG10A-D2S-BGEF					
					16~30					
					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	53M	70M	105M	105T	140T	160T
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
System 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
Max equivalent length		m	30	50	75	75	75	75
Max difference in level ODU / IDU		m	±20	±25	±30	±30	±30	±30
Refrigerant precharge		kg / m	1,15 / 5	1,5 / 5	2,4 / 5	2,4 / 5	2,9 / 5	3,0 / 5
External diameters	Liquid	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"

## accessories

### Standard

<b>RG10A-D2S-BGEF</b>	Infrared remote control for indoor units EZCool / BOX 2 / CONSOLE 3 / DUCT 2 / C&F 2
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### 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)
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<b>Control systems</b>	(learn more at Control System page)
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# STANDING 2 140M

TO EXHAUSTION



**A++** **A+**

## COMFORT



12 Indoor Fan Speeds Levels



Anti-cold air



Temperature Compensation

## RELIABILITY



Self-diagnosis Function



Emergency Function



Auto Defrosting

## CONVENIENCE



Auto-restart



Timer

## ENERGY SAVING



Sleep



REMOTE CONTROL  
RG10B-D-BGEF  
(standard)



IS3-XY



MC3-Y

## technical data

Set				140T	
Cooling capacity	Standard (Min.~Max.)		Btu/h	48.000 (12.000~53.500)	
	Standard (Min.~Max.)		kW	14,1 (3,5~15,7)	
Heating capacity	Standard (Min.~Max.)		Btu/h	55.000 (14.000~61.000)	
	Standard (Min.~Max.)		kW	16,1 (4,1~17,9)	
Standard power supply	Cooling	Standard (Min.~Max.)	W	4.950 (900~5.950)	
	Heating	Standard (Min.~Max.)	W	5.100 (1.000~6.200)	
Standard current input	Cooling	Standard (Min.~Max.)	TO	8,0 (1,9~10,3)	
	Heating	Standard (Min.~Max.)	TO	8,5 (1,6~10,5)	
Seasonal efficiency <sup>1</sup>	Cooling	Energy class	-	A++	
		Design load (Pdesign)	kW	14,1	
		SEER	-	6,1	
		Annual energy consumption	kWh/a	809	
		Energy class	-	A+	
	Heating	Design load (Pdesign)	kW	11,1	
		SCOP	-	4	
		Annual energy consumption	kWh/a	3.885	
		Energy class	-	A+++	
		SCOP	-	5,1	
Standard efficiency <sup>2</sup>	EER		-	2,84	
	COP		-	3,16	

Indoor unit				IS3-XY	140M
Code					88072254
Dimensions	Unit	L x D x H	mm		629x456x1935
	Packaging (Unit)	L x D x H	mm		750x575x2055
System weight	Unit / Packaging		kg		59/77
Air filter	Type		-		R/W
Airflow		Hi/Mid/Lo	m <sup>3</sup> /h		2413/2222/2027
Sound power		Hi	dB(A)		67
Sound pressure level		Hi/Mid/Lo	dB(A)		53/49/47
Control systems	Infrared remote control		-		RG10B-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.

<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		140T
Code				88072255
Dimensions	Unit	L x D x H	mm	952x415x1333
	Packaging	L x D x H	mm	1095x495x1480
System weight	Unit / Packaging		kg	103,7/118,3
Sound power		Nominal	dB(A)	74
Sound pressure level		Nominal	dB(A)	64,0
		Indoor T.	°C	16~32
Operating Voltage Range	Cooling	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°	400 / 50 / 3 + N
Current - 50Hz	Maximum fuse capacity (MFA)		TO	25

## refrigerant piping and connections

Set			140T
Max equivalent length		m	75
Max difference in level ODU / IDU		m	±30
Refrigerant precharge		kg / m	2,9 / 5
External diameters	Liquid	mm / inch	Φ9,52 - 3/8"
	Gas	mm / inch	Φ15,9 - 5/8"

## accessories

### Standard

<b>RG108-D-BGEFRG</b>	Infrared remote control for indoor units Standing 2
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### Optionals

<b>Control systems</b>	(learn more at Control System page)
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# ACCESSORIES AND CONTROL SYSTEMS

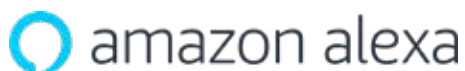


## Voice control: Even smarter management

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

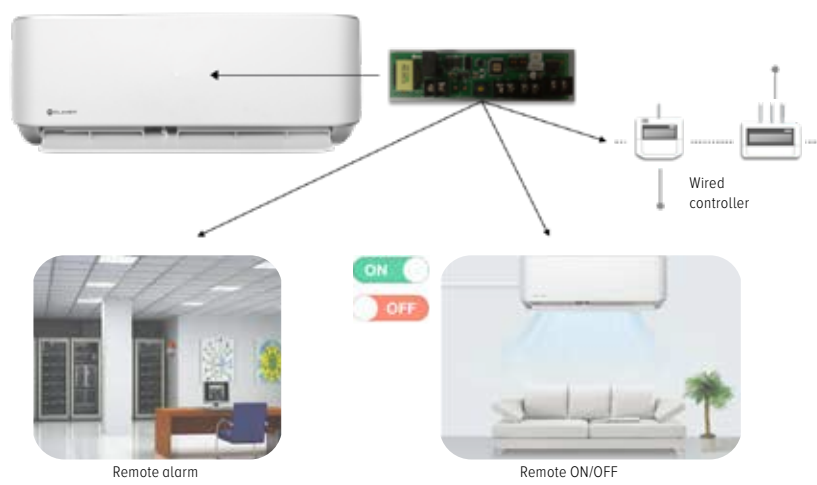


# ACCESSORIES AND CONTROL SYSTEMS

## 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)
- ▶ Management systems based on Cloud servers (Data Converter CCM15, CCM-15(A) )
- ▶ 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>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

### RG10A4-D-BGEF (Cristallo/Essential 2) - RG10B-D-BGEF (Standing 2)

Standard remote controller for indoor units, 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
- ▶ 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



### 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



### RG10X1-G2HS-BGEF

Standard remote control for Schiara 2 units, with special features:

- ▶ Temperature set-point with precision up to 0.5°C
- ▶ Fan setting with speed changes of up to 1%
- ▶ Cascade / Breeze away functions
- ▶ ECO / Gear function



### RG10A-D2S-BGEF

Standard remote control for EZCool / BOX 2 / CONSOLE 3 / DUCT 2 / C&F units, with special features:

- ▶ Fan setting with speed changes of up to 1%
- ▶ Breeze away function (for some models only)
- ▶ 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, SCHIARA 2, CRISTALLO and HYDRO-M units.



*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.



# ACCESSORIES AND CONTROL SYSTEMS

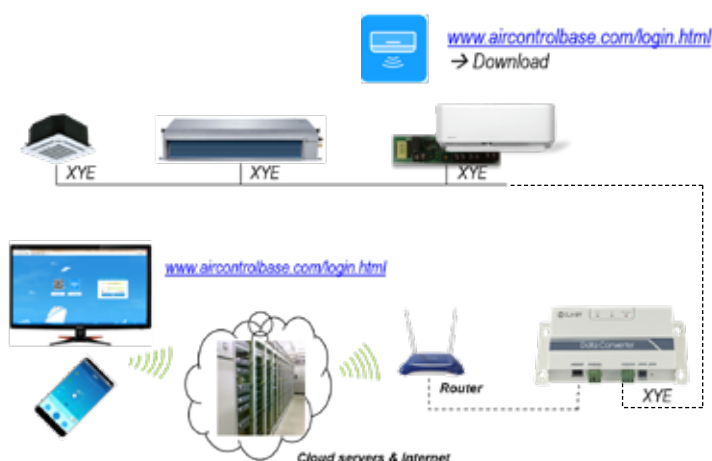


## Management via Cloud server (SPLIT / VRF) - CCM15

The data converter allows for remotely managing up to 64 indoor units from a PC, tablet or smartphone through the Internet.

Access to the Cloud server allows for monitoring and controlling individual units or groups.

Moreover, it allows for managing SPLIT / MiniVRF units as if they were a single large system.



### SIMPLE CONTROL INTERFACE

- ▶ Control via the Web through software, apps or cloud servers by means of an intuitive interface.
- ▶ Control of the single unit or group
- ▶ Graphic indications based on icons and colours make the operating status of the units easy to understand
- ▶ Includes a full-screen display, and allows temperature adjustment by swiping.



### FUNCTIONS AVAILABLE WITH SPLIT SYSTEMS

- ▶ ON/OFF
- ▶ Temperature Setting
- ▶ Operating mode
- ▶ Fan speed
- ▶ Automatic swinging of the slats

### ADDITIONAL FUNCTIONS WITH VRF SYSTEMS

- ▶ Locking of single controllers
- ▶ Weekly scheduler
- ▶ Follow-me
- ▶ Alarm visualisation

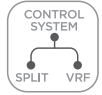
### WEEKLY TIMER (ONLY FOR VRF)

Users can set a weekly schedule for both single units and groups of units; each day can be split into multiple sections.

The remote controller automatically adjusts the ON/OFF status, operating mode and temperature setting on the basis of the schedule of each unit.



# ACCESSORIES AND CONTROL SYSTEMS



## 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.

### 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.



### 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.



# ACCESSORIES and CONTROL SYSTEMS



## 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	16	64	64	32	
Management of basic functions (ON/OFF - Operating mode - Fan speed)	●	●	●	●	
Reading of unit parameters	●	●	●	●	

# ACCESSORIES FOR HYDRONIC MODULE

## DHW boilers and additional heat exchanger for solar connection

The storage tanks for DHW are made of carbon steel with internal vitrification treatment and are equipped with magnesium anodic protection, inspection flange and 2kW electric heater.

All tanks are externally insulated with 70 mm rigid polyurethane to minimise heat loss and increase efficiency.



- ✓ Additional pipe coil for connection to solar thermal ELFOSun (optional)
- ✓ Inspection flange
- ✓ Magnesium anodic protection
- ✓ Carbon steel tank with vitrification treatment
- ✓ 70 mm rigid polyurethane insulation

Size				ACS200X	ACS300X	ACS500X
Performance	Net water volume	l		196	273	475
	Energy efficiency class	-			B	
	Maximum water temperature	°C			95	
	Insulation: Material / Medium thickness <sup>1</sup>	mm			PU / 70	
	Thermal dispersions	W/K		1,13	1,40	1,78
	Electric heater	kW / p			2 / 1-phase	
Maximum operating pressure		bar			10	
Quantity of exchangers		-			1	
<b>Technical features - standard version</b>						
Upper coil	Surface	m <sup>2</sup>		1,50	1,80	2,20
	Internal volume	l		8,60	10,4	12,7
	Heat exchange <sup>2</sup>	Coil water 60/50°C Tank water 10/45°C	kW	36	44	55
<b>Technical features - solar version</b>						
Additional accessory		-		SCS08X	SCS08X	SCS12X
Bottom pipe coil	Surface	m <sup>2</sup>		0,80	0,80	1,20
	Internal volume	l		0,65	0,65	0,95
	Heat exchange <sup>2</sup>	Coil water 60/50°C Tank water 10/45°C	kW	24	24	36

Data according to DIN 4708 / EN 12897 / EN 15332

(1) PU = Polyurethane

(2) Water pipe coil 60/50°C / Water tank 10/45°C

The additional heat exchanger kit is selected when connection to solar thermal is required and consists of a tinned finned copper coil and a plastic cover.





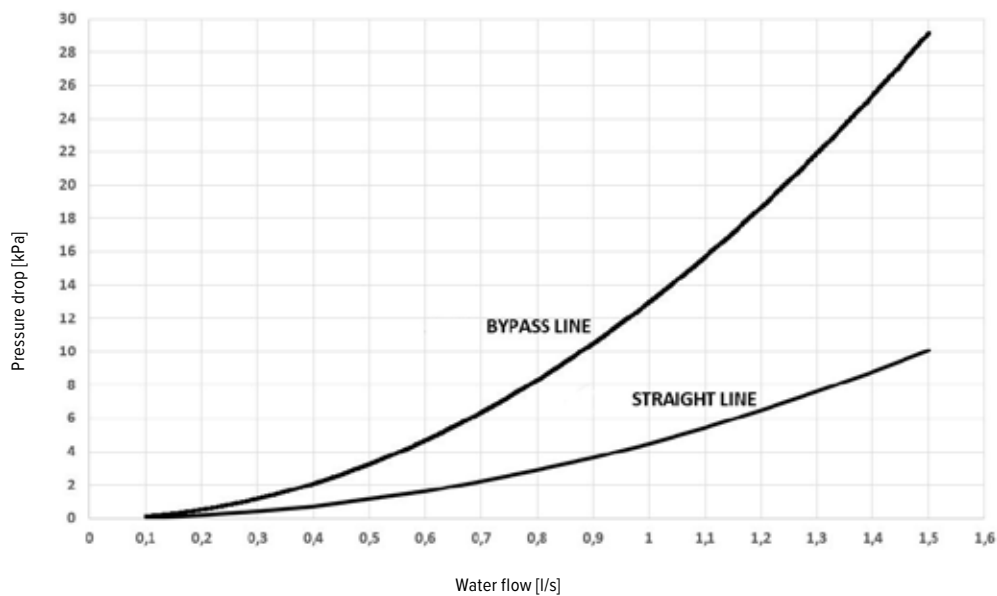
# ACCESSORIES FOR HYDRONIC MODULE

## 3-way system/DHW switching valve

- ✓ 3-way system/DHW switching valve
- ✓ The valve is electronically controlled by Hydro-M.
- ✓ The valve has 1 1/4" M system and DHW connections.



3-way valve pressure drop




## Water temperature probe

The water temperature probes are to be provided and connected according to the system, they are 10m long and allow wiring to the unit's board ports:







- ✓ Tk: for connection of a DHW cylinder
- ✓ TH: for connection to the return of the DHW circulation system
- ✓ TW1B: for connecting an auxiliary heat source (e.g. boiler)















# 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 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
		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, Alarm port and XYE Port (required for connection of 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 except: <b>ESSENTIAL 2</b> IL3-XY <b>STANDING 2</b> IS3-XY
		WF-60A1-C	89132263	Smart port kit for the hiwall indoor unit management via Wi-Fi (it includes the adaptor and the USB key)	<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>
DWH boilers		ACS200X	89132288	200L DHW storage tank with 2kW electrical heater	<b>HYDRO-M</b> IHW1-Y
		ACS300X	88082203	300L DHW storage tank with 2kW electrical heater	
		ACS500X	87012276	500L DHW storage tank with 2kW electrical heater	
		SCS08X	88082202	0.8 m <sup>2</sup> solar coil for installation on flange on DHW storage tank	
		SCS12X	87012265	1,2 m <sup>2</sup> solar coil for installation on flange on DHW storage tank	
Other accessories		3DHWX	87192219	3-way valve for system/DHW	
		SGSX	87192218	Water temperature probe (Tk-TH-TW1B) for IHM1-Y	

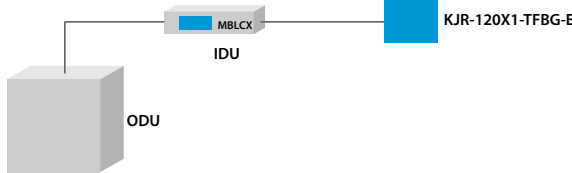
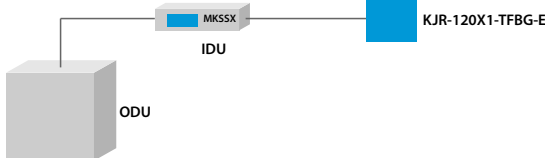
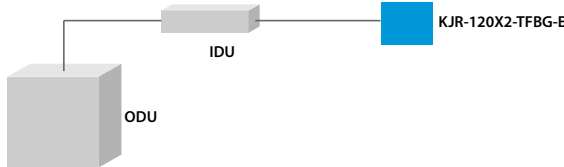
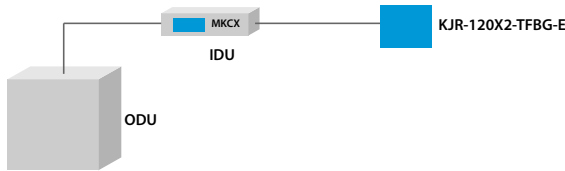
# CONTROL SYSTEMS

TYPE	APPEARANCE	MODEL	ARTICLE CODE	DESCRIPTION	COMPATIBLE SERIES
Infrared remote control		RG10P1-G2HS-BGEF -		Infrared remote controller for STELVIO indoor units of 2023 lineup	<b>STELVIO:</b> IH2-Y
		RG10A4-D-BGEF -		Infrared remote controller for indoor units of 2023 lineup	<b>CRISTALLO:</b> IM2-XY <b>NATIV:</b> IZ2-XY <b>ESSENTIAL 2</b> IL3-XY
		RG10X1-G2HS-BGEF -		Infrared remote controller for SCHIARA 2 indoor units of 2023 lineup	<b>SCHIARA 2:</b> IE2-Y
		RG10A-D2S-BGEF -		Infrared remote controller for indoor units of 2023 lineup	<b>DUCT 2:</b> ID3-XY <b>BOX 2:</b> IB3-XY / IA3-XY <b>CEILING &amp; FLOOR 2</b> IF3-XY <b>CONSOLE 3:</b> IC3-Y <b>IZCool:</b> ILA1-Y
		RG10B-D-BGEF -		Infrared remote controller for indoor units of 2023 lineup	<b>STANDING 2:</b> IS3-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>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>Remote control to be selected separately</i>	All series except: <b>SCHIARA 2</b> E2-Y <b>EZCool</b> ILA1-Y <b>ESSENTIAL 2</b> IL3-Y <b>STANDING 2</b> IS3-XY <b>NATIV</b> IZ2-XY
		<b>CCM09</b> <i>to exhaustion</i>	89162202	Wired centralizer with weekly scheduler, up to 64 indoor units	
		<b>CCM30-B</b>	89142227	Wired centralizer with 6.2" touchscreen display with weekly scheduler, up to 64 indoor units	
		<b>CCM-180A/WS</b>	87012209	Wired centralizer with 10.1" touchscreen display with weekly scheduler, LAN port, up to 384 indoor units. Compatible for mixed systems VRF + SPLIT	
		<b>CCM-270A/WS</b>	87022268	Data converter for management with Cloud, up to 64 internal units	
Data converter		<b>CCM15</b> <i>to exhaustion</i>	87002286	Data converter for management with Cloud, up to 64 internal units	
		<b>CCM-15(A)</b>	91332282	Data converter for management with Cloud, up to 64 internal units	
Gateway BMS		<b>LonGW64</b> <i>to exhaustion</i>	89152293	LonWorks Gateway, up to 64 indoor units	
		<b>CCM18A</b> <i>to exhaustion</i>	89142208	Modbus Gateway, up to 64 indoor units and 4 outdoor units	
		<b>CCM-18A/N(A)</b>	91332281	Modbus Gateway, up to 64 indoor units and 4 outdoor units	
		<b>CCM18ANU</b> <i>to exhaustion</i>	87022281	Modbus Gateway, up to 16 indoor units	
		<b>KNX</b> <i>to exhaustion</i>	89142238	KNX Gateway, for single indoor unit	

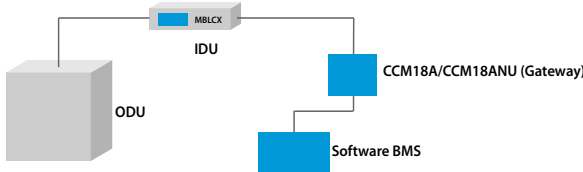
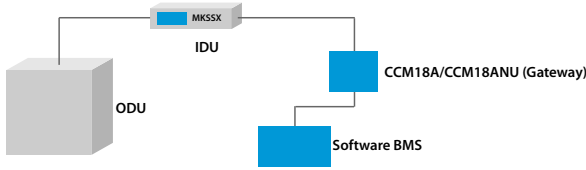
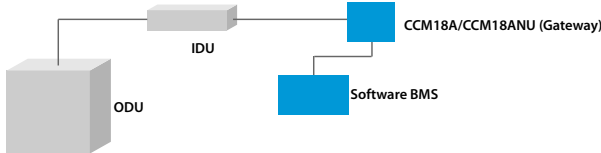
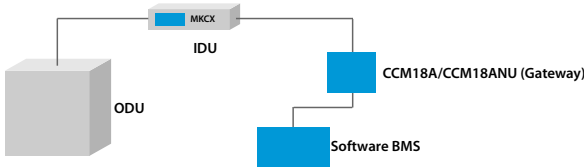
# ACCESSORIES & CONTROL SYSTEMS COMBINATIONS

TYPE	CONNECTION SCHEME	COMPATIBLE SERIES
Wired control for single unit		<b>STELVIO</b> IH2-Y
	Required accessories	MBLCX (scheda multifunzione) KJR-120X1-TFBG-E (wired control)
		<b>CRISTALLO</b> IM2-XY
	Required accessories	MKSSX (scheda multifunzione) KJR-120X1-TFBG-E (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	KJR-120X2-TFBG-E (wired control)
		<b>CONSOLE 3</b> IC3-Y
	Required accessories	MKCX (multifunction kit) KJR-120X2-TFBG-E (wired control)

# ACCESSORIES & CONTROL SYSTEMS COMBINATIONS

TYPE	CONNECTION SCHEME	COMPATIBLE SERIES
Centralized controller or Control via Cloud (App or Web Server)	<p>MULTIFUNCTION KIT 1 IDU 1 ODU 1 CCM30-B/KJR-150A/CCM15/... MULTIFUNCTION KIT 2 IDU 2 ODU 2</p>	<b>STELVIO</b> IH2-Y (MBLCX) <b>CRISTALLO</b> IM2-XY (MKSSX) <b>CONSOLE 3</b> IC3-Y (MKCX)
	<p><b>Required accessories</b></p> <p>MK1X / MKSSX (multifunction kit)            CCM30-B/KJR-150A (centralized controller)            CCM-180A/WS/CCM-270A/WS (centralized controller)            CCM15 (data converter)            CCM15 (data converter)</p>	
	<p>IDU 1 ODU 1 CCM30-B/KJR-150A/CCM15/... IDU 2 ODU 2</p>	<b>DUCT 2</b> ID3-XY <b>BOX 2</b> <b>IB3-XY</b> IA3-XY <b>CEILING &amp; FLOOR 2</b> IF3-XY
Wi-Fi	<p>ODU IDU WF-60A1 NWMX</p>	<b>DUCT 2</b> ID3-XY <b>BOX 2 650x650</b> IB3-XY <b>CEILING &amp; FLOOR 2</b> IF3-XY
	<p><b>Required accessories</b></p> <p>WF-60A1-C (Smart port kit)</p>	
	<p>ODU IDU KFR-120Q-EDFJB-B</p>	<b>BOX 2</b> 950x950 IA3-XY
	<p><b>Required accessories</b></p> <p>KFR-120Q-EDFJB-B (Smart port kit)</p>	

# ACCESSORIES & CONTROL SYSTEMS COMBINATIONS

TYPE	CONNECTION SCHEME	COMPATIBLE SERIES
Management BMS		<b>STELVIO</b> IH2-Y
	<b>Accessories Required</b> MBLCX (scheda multifunzione) GW-LON(A)/IMMP-BAC(A)/CCM18A/CCM18ANU/CCM-18A/N(A) (Gateway) Software BMS	
		<b>CRISTALLO</b> IM2-XY
	<b>Accessories Required</b> MKSSX (scheda multifunzione) GW-LON(A)/IMMP-BAC(A)/CCM18A/CCM18ANU/CCM-18A/N(A) (Gateway) Software BMS	
		<b>DUCT 2</b> ID3-XY <b>BOX 2</b> IB3-XY IA3-XY <b>CEILING &amp; FLOOR 2</b> IF3-XY
	<b>Accessories Required</b> GW-LON(A)/IMMP-BAC(A)/CCM18A/CCM18ANU (Gateway) Software BMS	
		<b>CONSOLE 3</b> IC3-Y
	<b>Accessories Required</b> MKCX (multifunction kit) GW-LON(A)/IMMP-BAC(A)/CCM18A/CCM18ANU/CCM-18A/N(A) (Gateway) Software BMS	





# COMPATIBILITY TABLE OF INDOOR / OUTDOOR UNIT

		STELVIO		SCHIARA	CRISTALLO	
		MH1-Y	MH2-Y	ME2-Y	MM1-Y	MM2-Y
STELVIO	IH1-Y	●	●	-	-	-
	IH2-Y	●	●	-	-	-
SCHIARA	IE2-Y	-	-	●	-	-
CRISTALLO	IM1-XY	-	-	-	●	●
	IM2-XY	-	-	-	●	●
ESSENTIAL	IL2-XY	-	-	-	-	-
	IL3-XY	-	-	-	-	-
EZCool	ILA1-Y	-	-	-	-	-
NATIV	IZ2-XY	-	-	-	-	-
BOX 650x650	IB2-XY	-	-	-	-	-
	IB3-XY	-	-	-	-	-
BOX 950x950	IA2-XY	-	-	-	-	-
	IA3-XY	-	-	-	-	-
DUCT	ID2-XY	-	-	-	-	-
	ID3-XY	-	-	-	-	-
CONSOLE	IC2-XY	-	-	-	-	-
	IC3-Y	-	-	-	-	-
C&F	IF2-XY	-	-	-	-	-
	IF3-XY	-	-	-	-	-
STANDING	IS2-XY	-	-	-	-	-
	IS3-XY	-	-	-	-	-
HYDRO-M	IHM1-Y	-	-	-	-	-

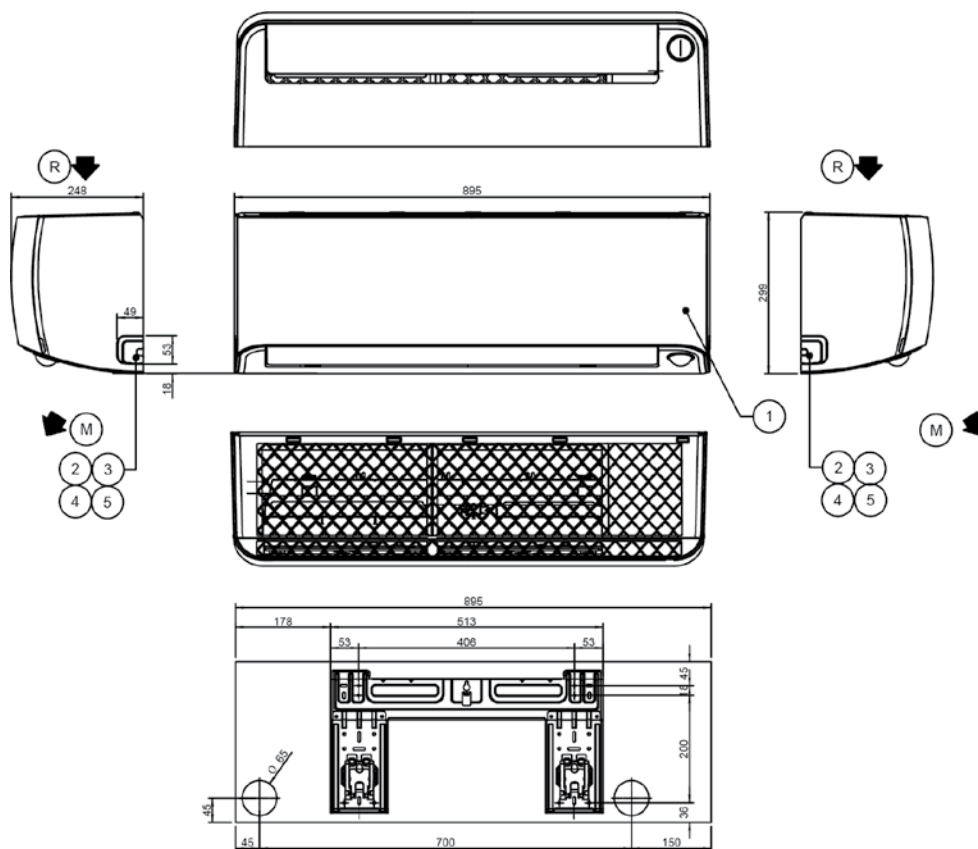
ESSENTIAL		EZCool	NATIV	ODU-SM 2		ODU-SL 2	
ML2-Y	ML3-Y	MLA1-Y	MZ2-Y	MU1-Y	MU2-Y	MC2-Y	MC3-Y
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	•	•	-	-
-	-	-	-	•	•	-	-
•	•	-	-	•	•	-	-
•	•	-	-	•	•	-	-
-	-	•	-	-	-	-	-
-	-	-	•	-	-	-	-
-	-	-	-	•	•	•	-
-	-	-	-	•	•	-	•
-	-	-	-	-	-	•	-
-	-	-	-	-	-	-	•
-	-	-	-	•	•	•	-
-	-	-	-	•	• (27M-70M)	-	•
-	-	-	-	•	•	-	• (NO 27M)
-	-	-	-	-	•	-	• (NO 27M)
-	-	-	-	•	•	•	-
-	-	-	-	•	•	-	•
-	-	-	-	-	-	•	-
-	-	-	-	-	-	-	•
-	-	-	-	-	• (105M)	-	-

# DIMENSIONAL DRAWINGS

## SINGLE Split

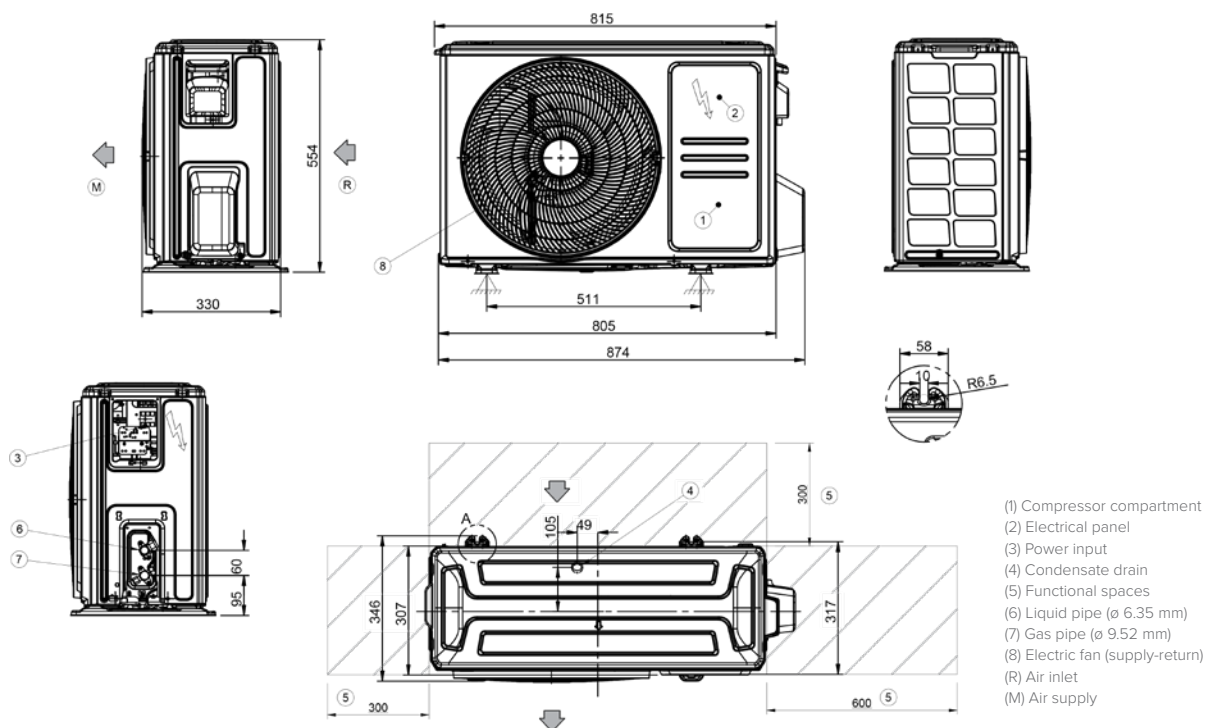
### STELVIO - Indoor unit

IH2-Y 27M ÷ 35M



### STELVIO - Outdoor unit

MH2-Y 27M ÷ 35M



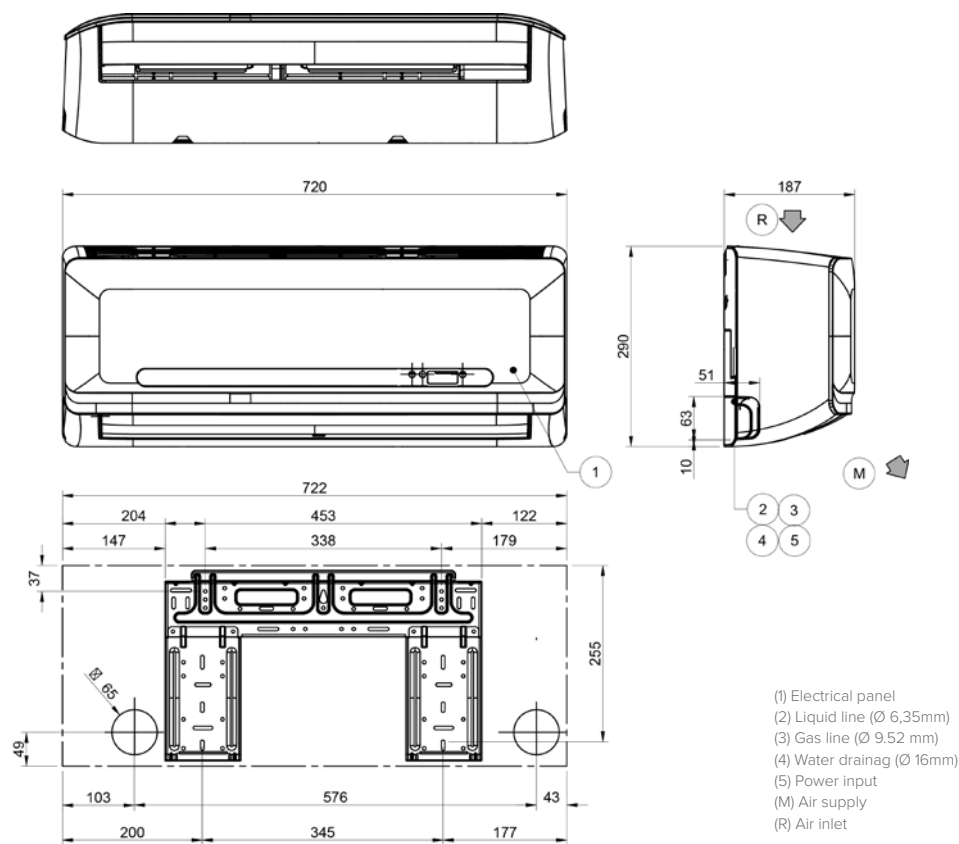
Unit of measurement: mm



# DIMENSIONAL DRAWINGS

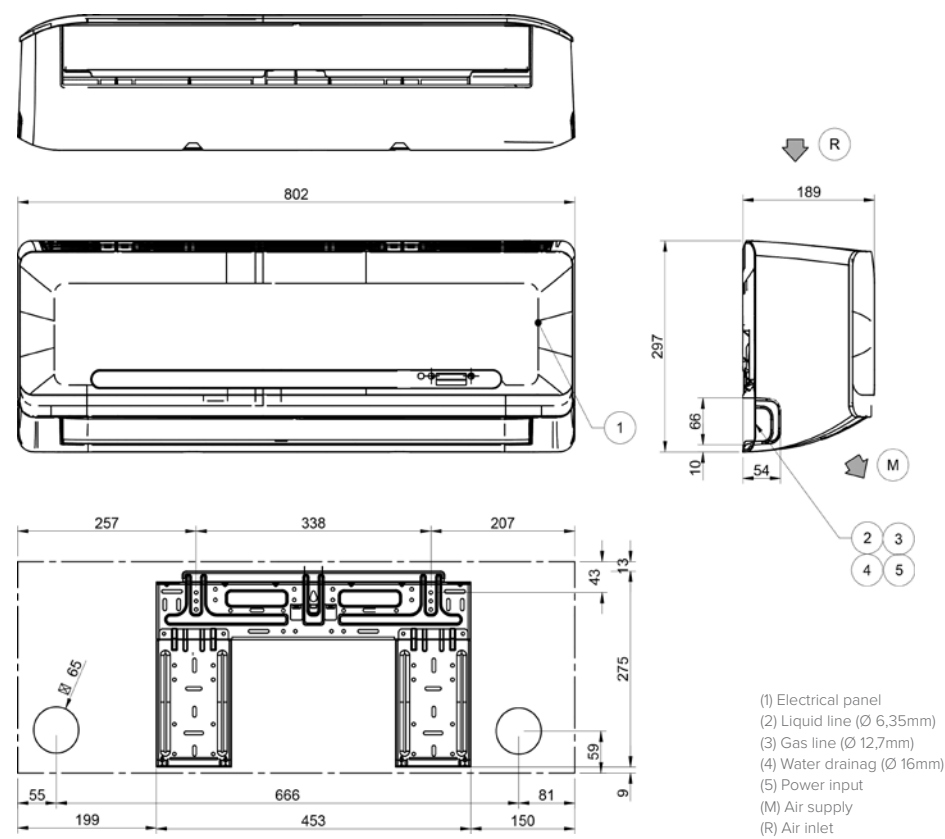
## CRISTALLO - Indoor unit

IM2-XY 27M



## CRISTALLO - Indoor unit

IM2-XY 35M

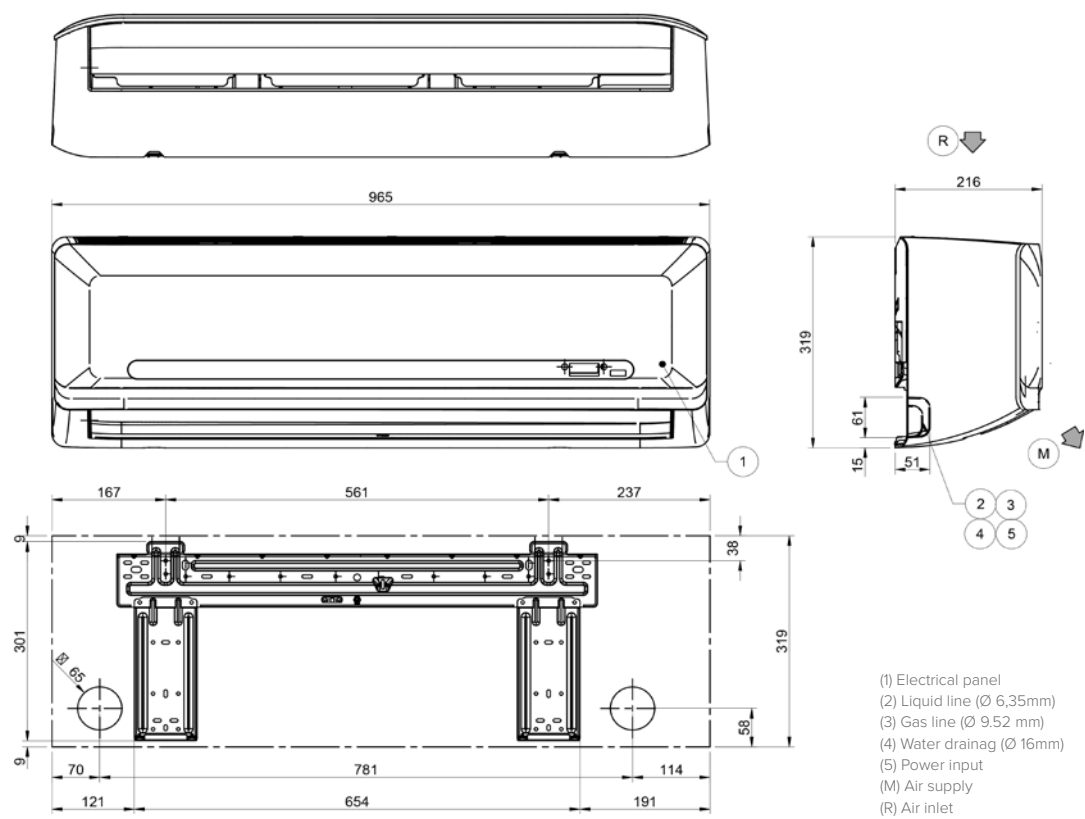


Unit of measurement: mm

# DIMENSIONAL DRAWINGS

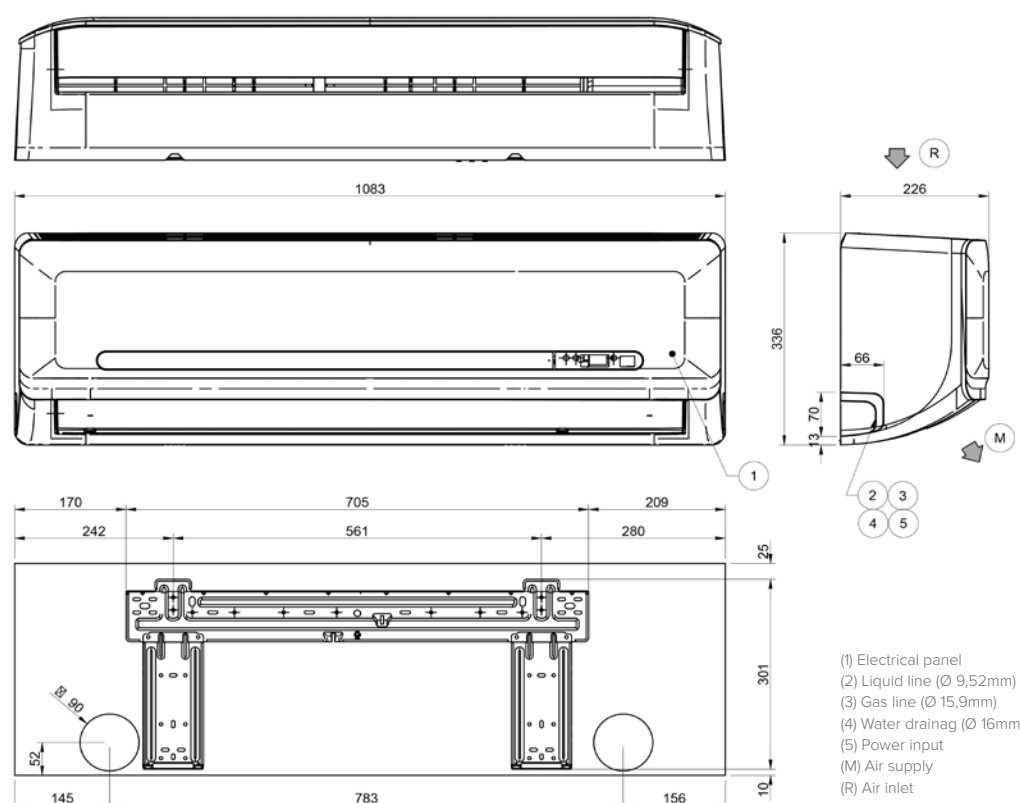
CRISTALLO - Indoor unit

IM2-XY 53M



CRISTALLO - Indoor unit

IM2-XY 70M



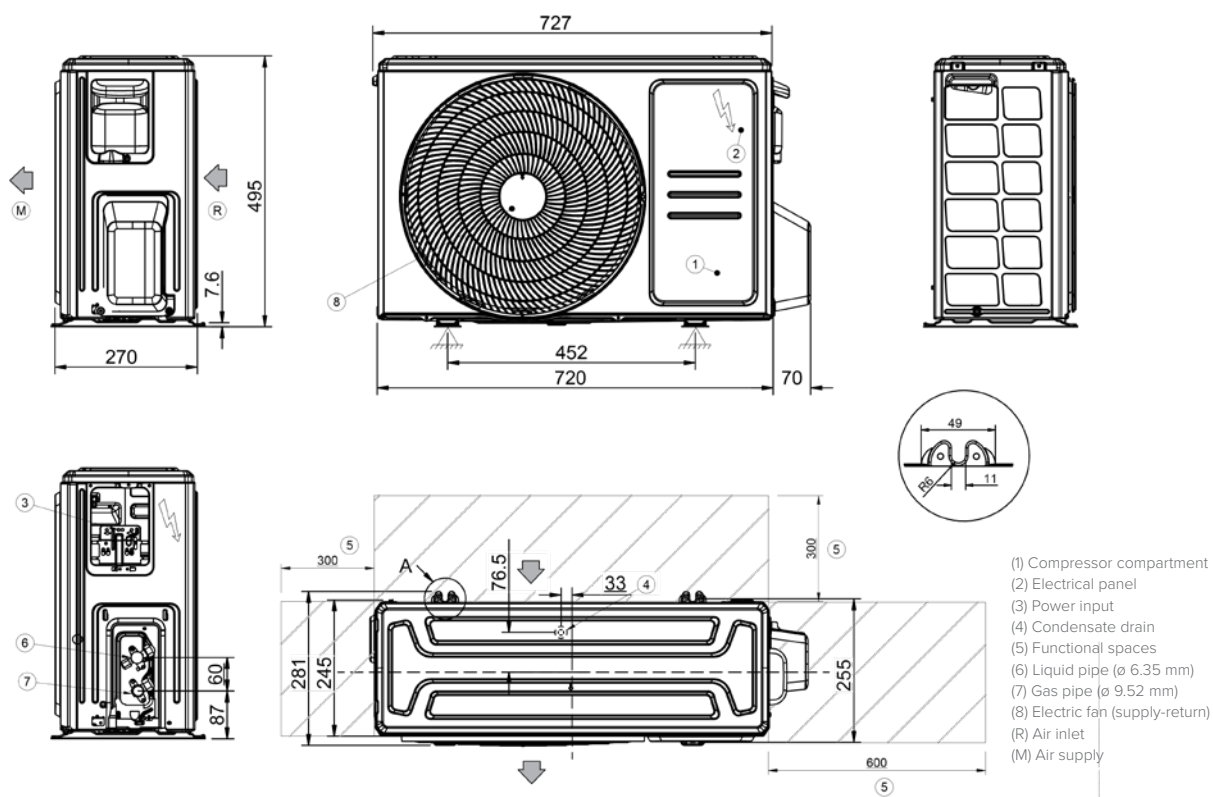
Unit of measurement: mm



# DIMENSIONAL DRAWINGS

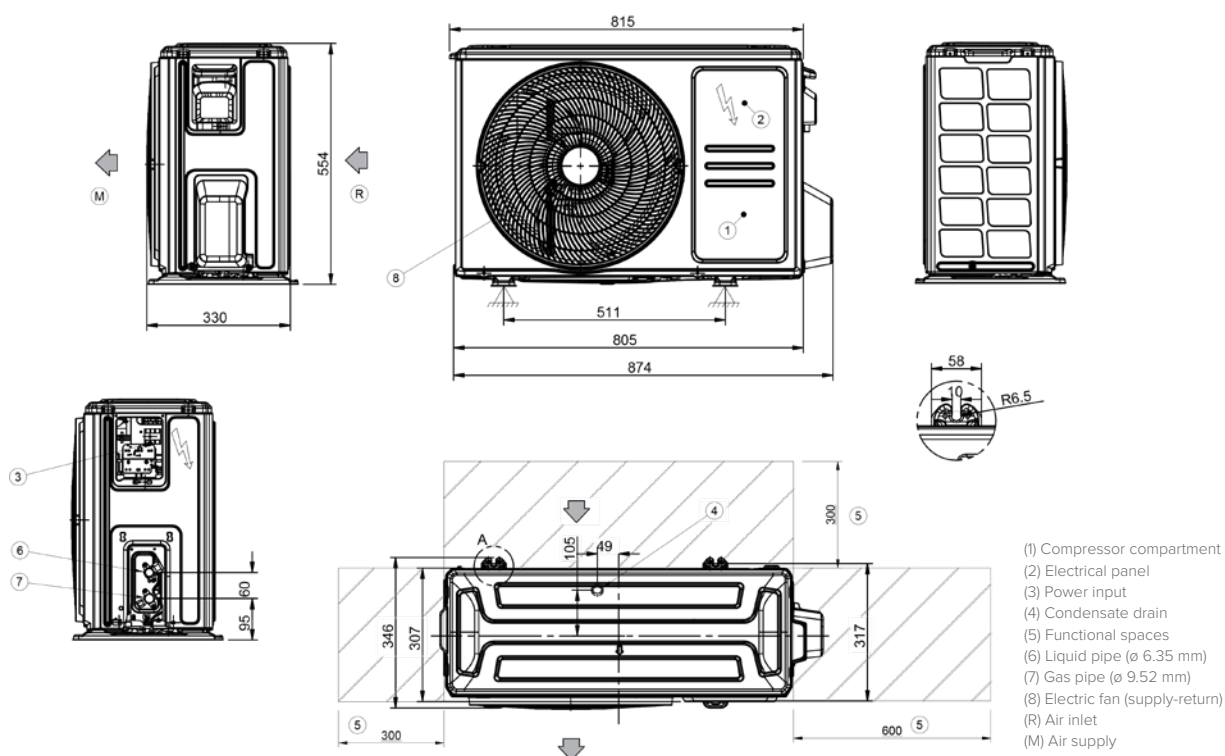
## CRISTALLO - Outdoor unit

MM2-Y 27M ÷ 35M



## CRISTALLO - Outdoor unit

MM2-Y 53M

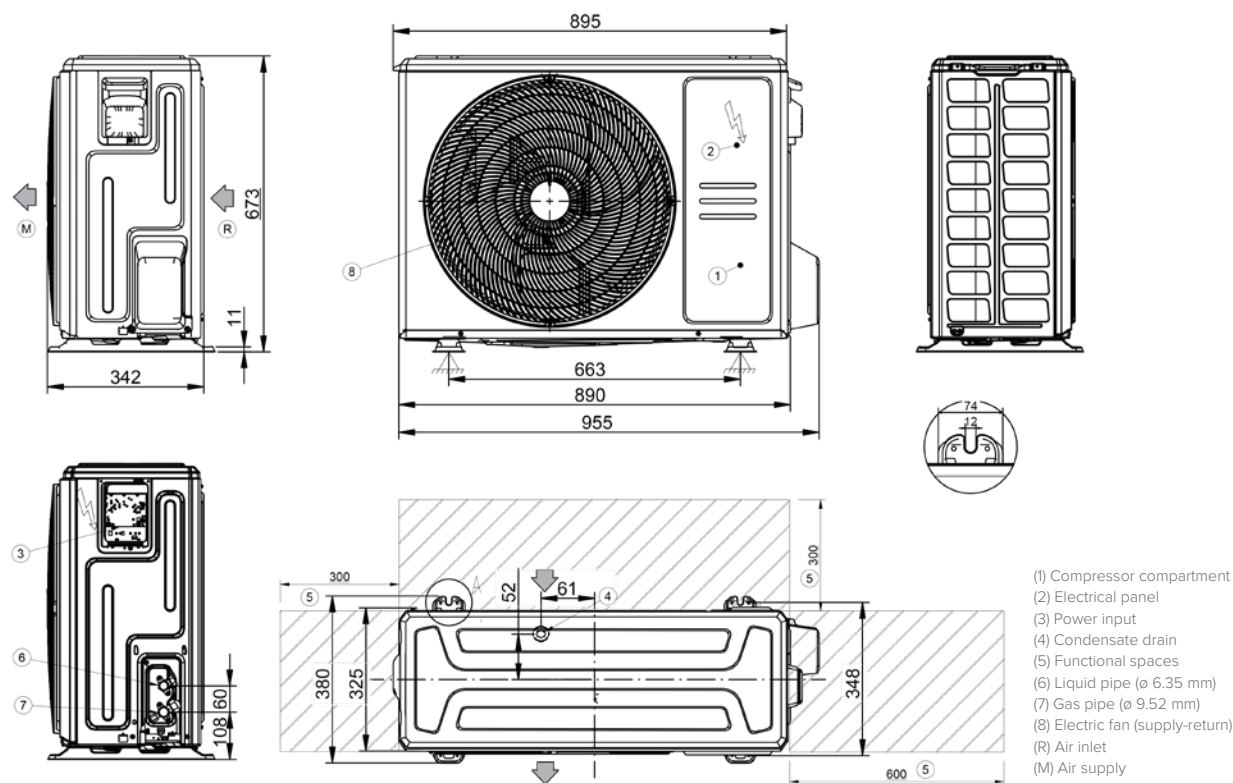


Unit of measurement: mm

# DIMENSIONAL DRAWINGS

CRISTALLO - Outdoor unit

MM2-Y 70M

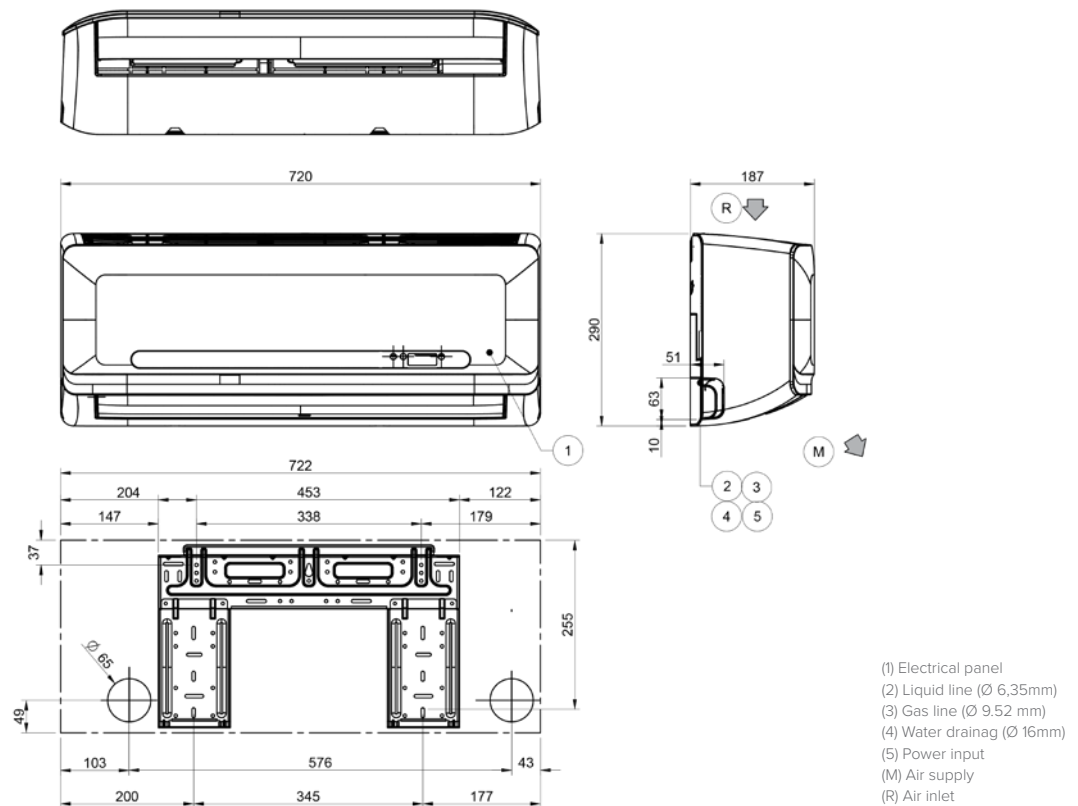


Unit of measurement: mm

# DIMENSIONAL DRAWINGS

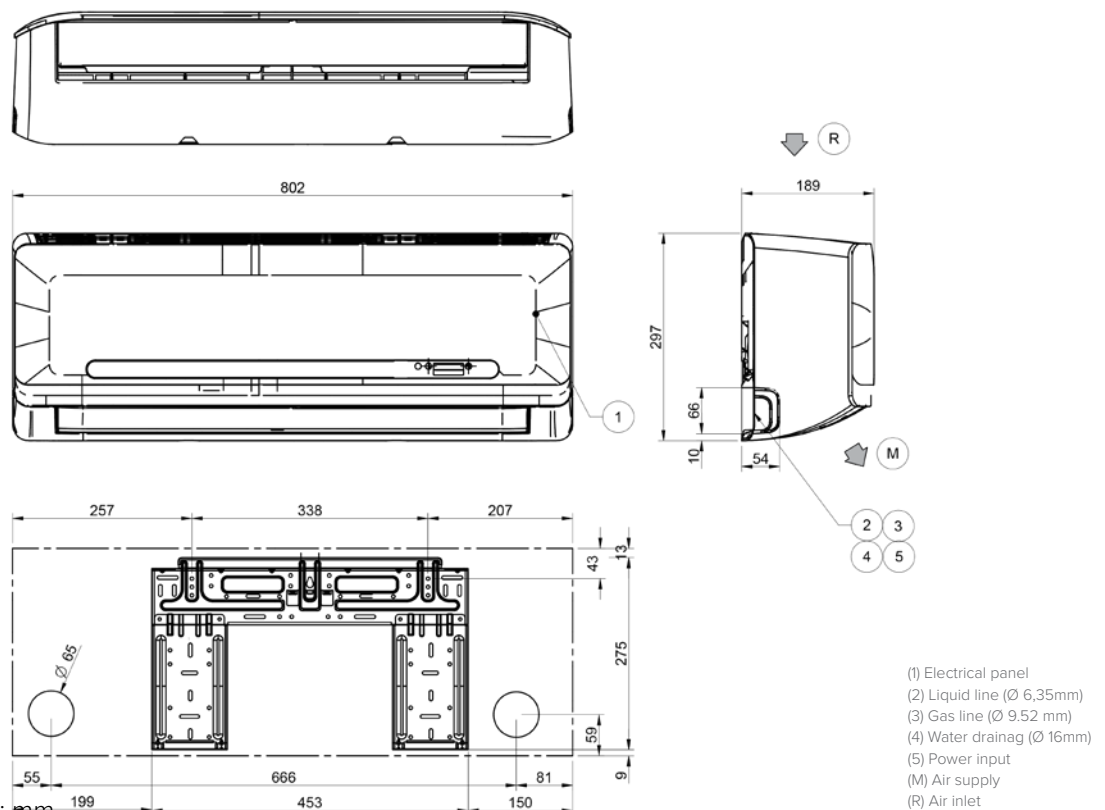
## ESSENTIAL 2 - Indoor unit

IL3-XY 27M



## ESSENTIAL 2 - Indoor unit

IL3-XY 35M

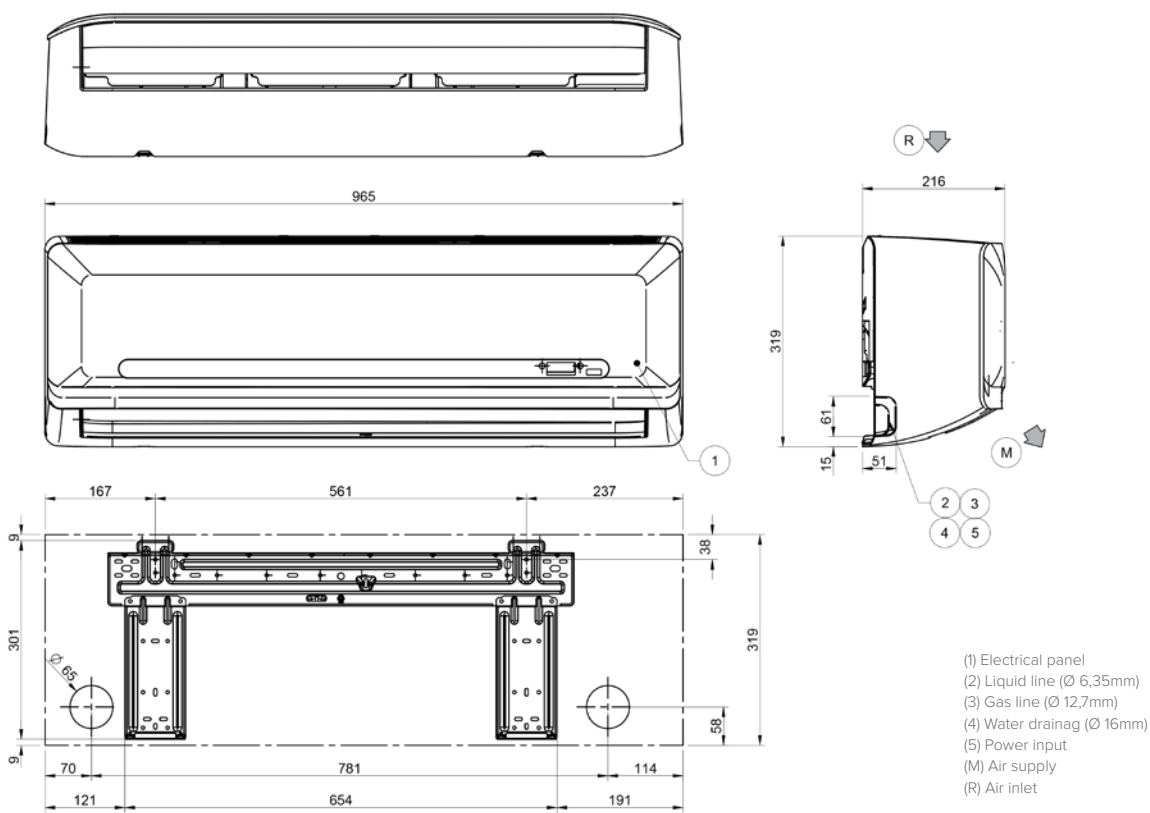


Unit of measurement: mm

# DIMENSIONAL DRAWINGS

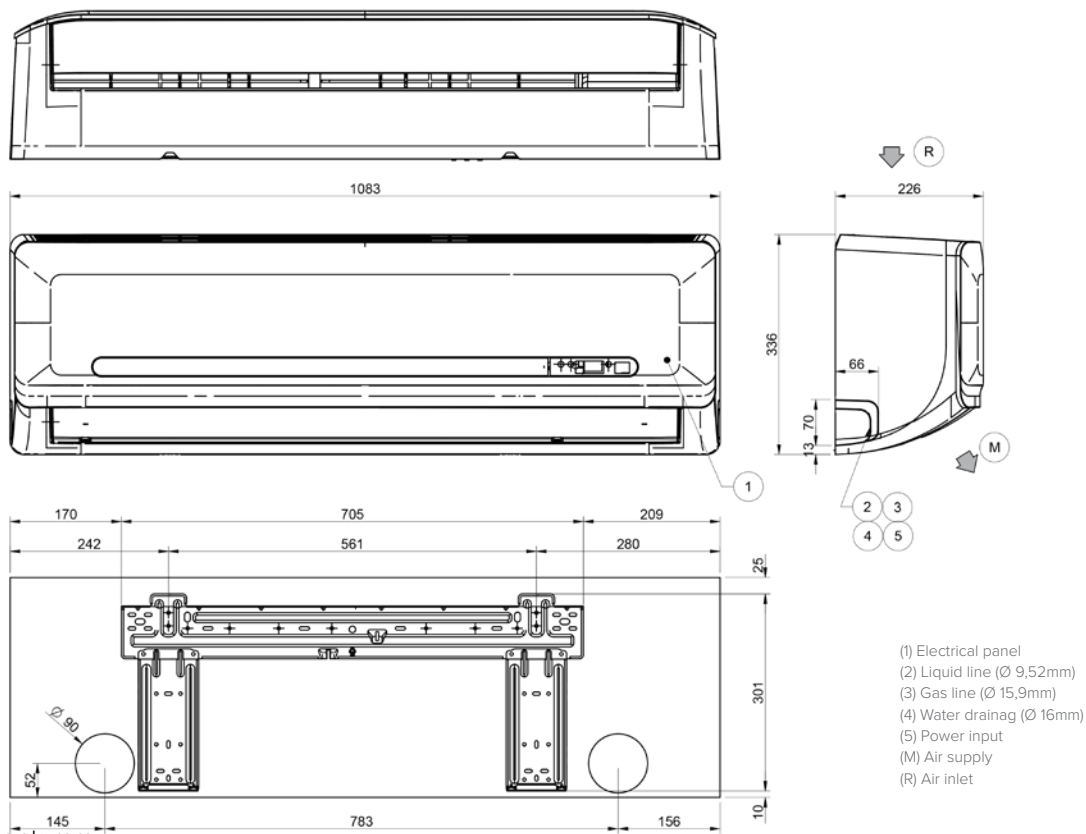
## ESSENTIAL 2 - Indoor unit

IL3-XY 53M



## ESSENTIAL 2 - Indoor unit

IL3-XY 70M

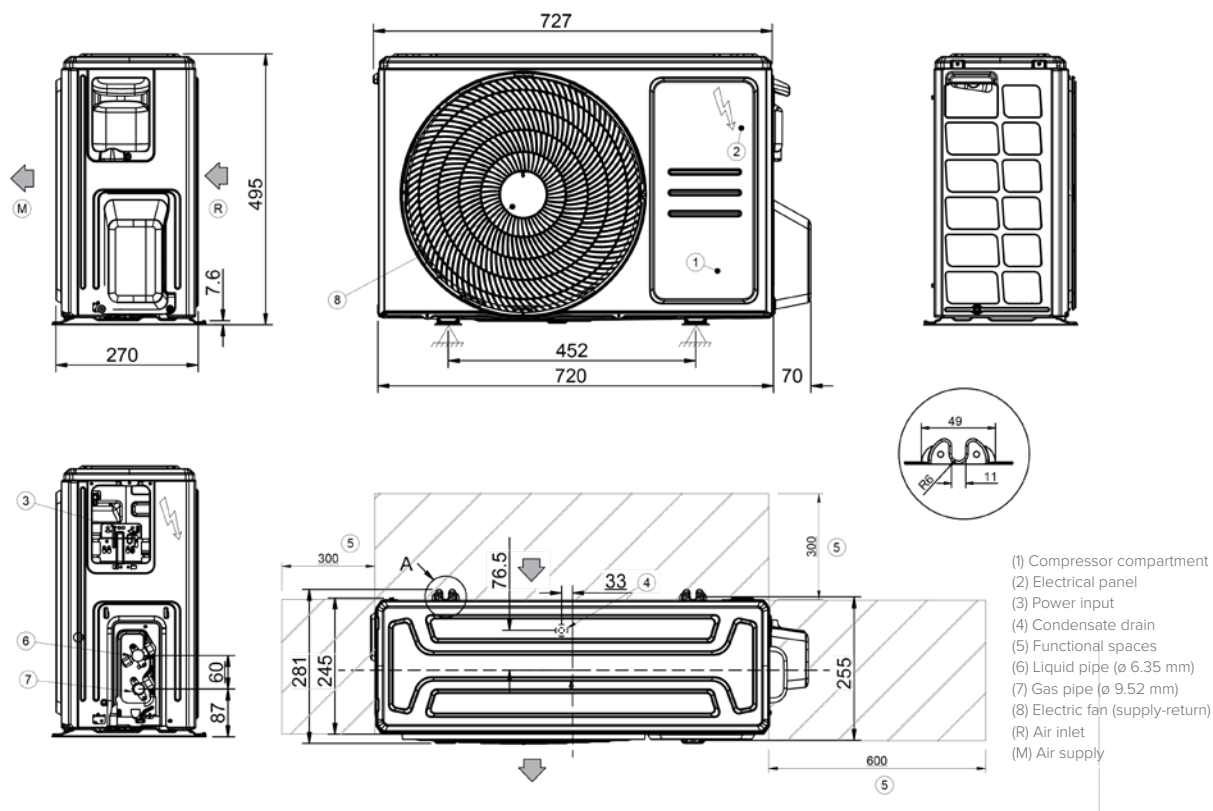


Unit of measurement: mm

# DIMENSIONAL DRAWINGS

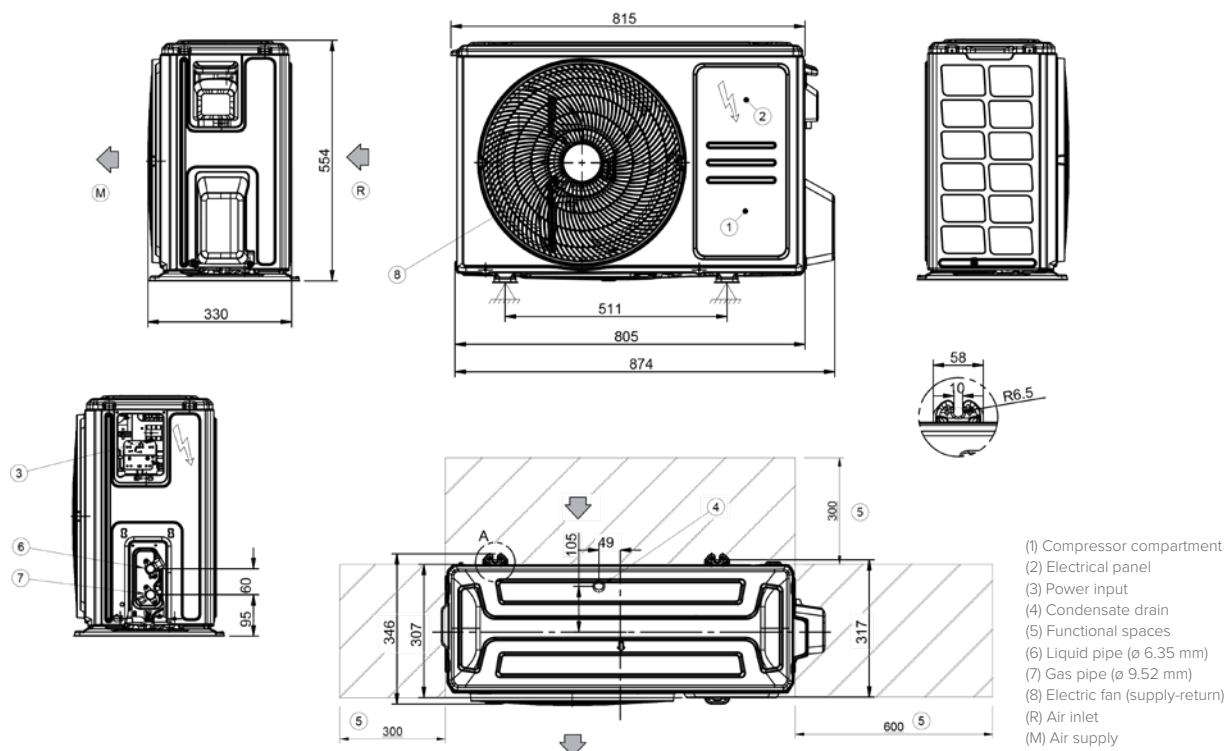
## ESSENTIAL 2 - Outdoor unit

ML3-Y 27M ÷ 35M



## ESSENTIAL 2 - Outdoor unit

ML3-Y 53M

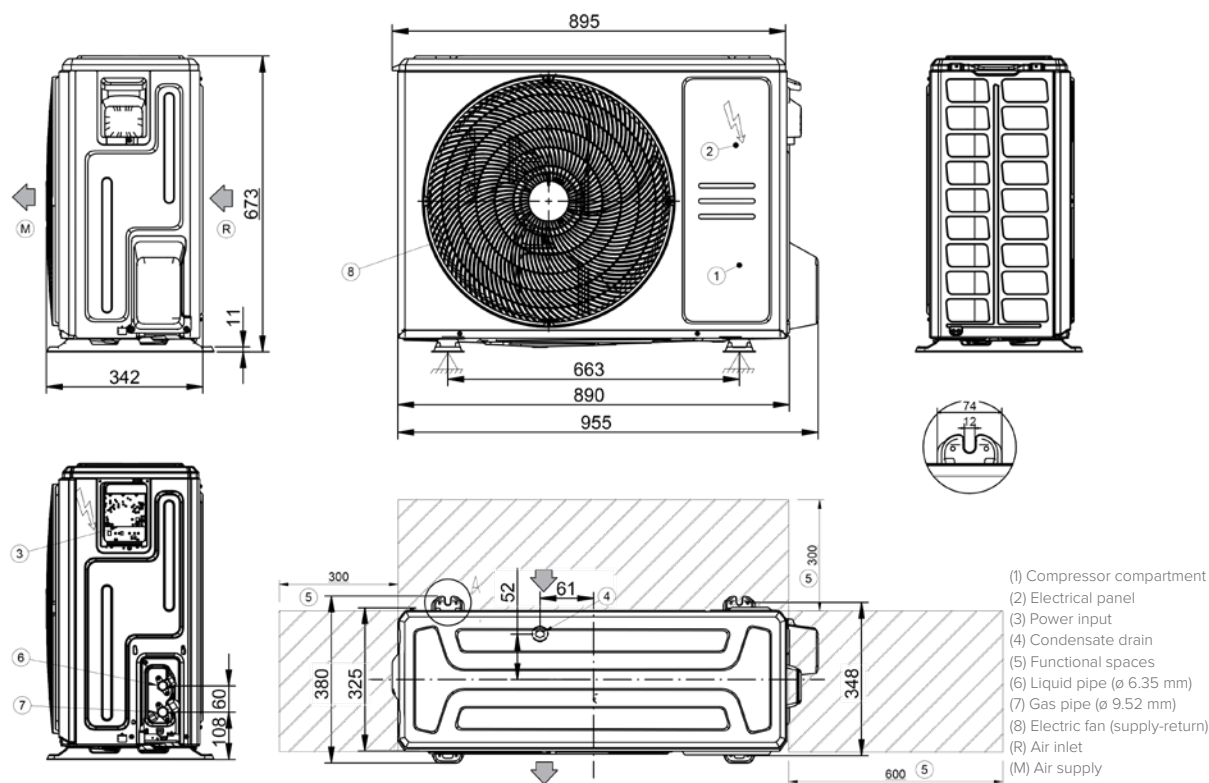


Unit of measurement: mm

# DIMENSIONAL DRAWINGS

ESSENTIAL 2 - Outdoor unit

ML3-Y 70M

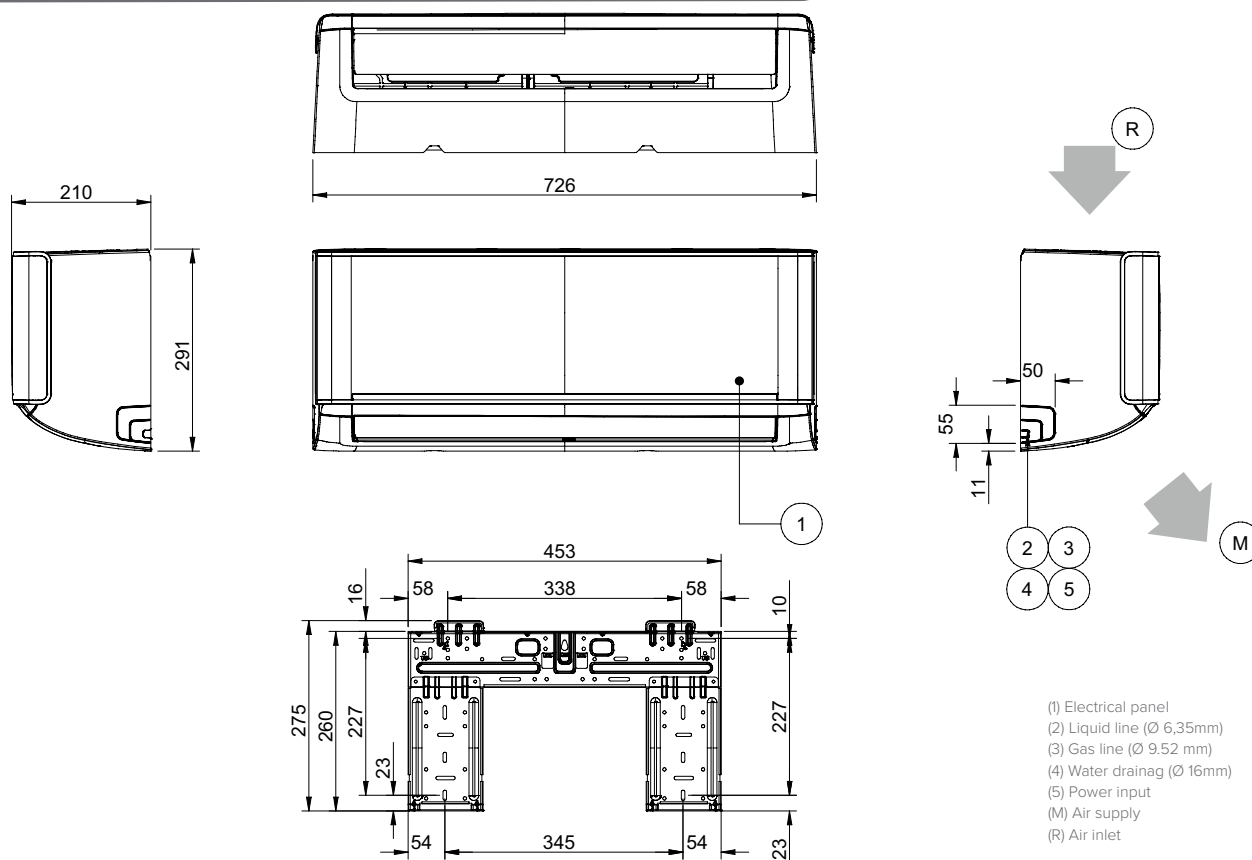


Unit of measurement: mm

# DIMENSIONAL DRAWINGS

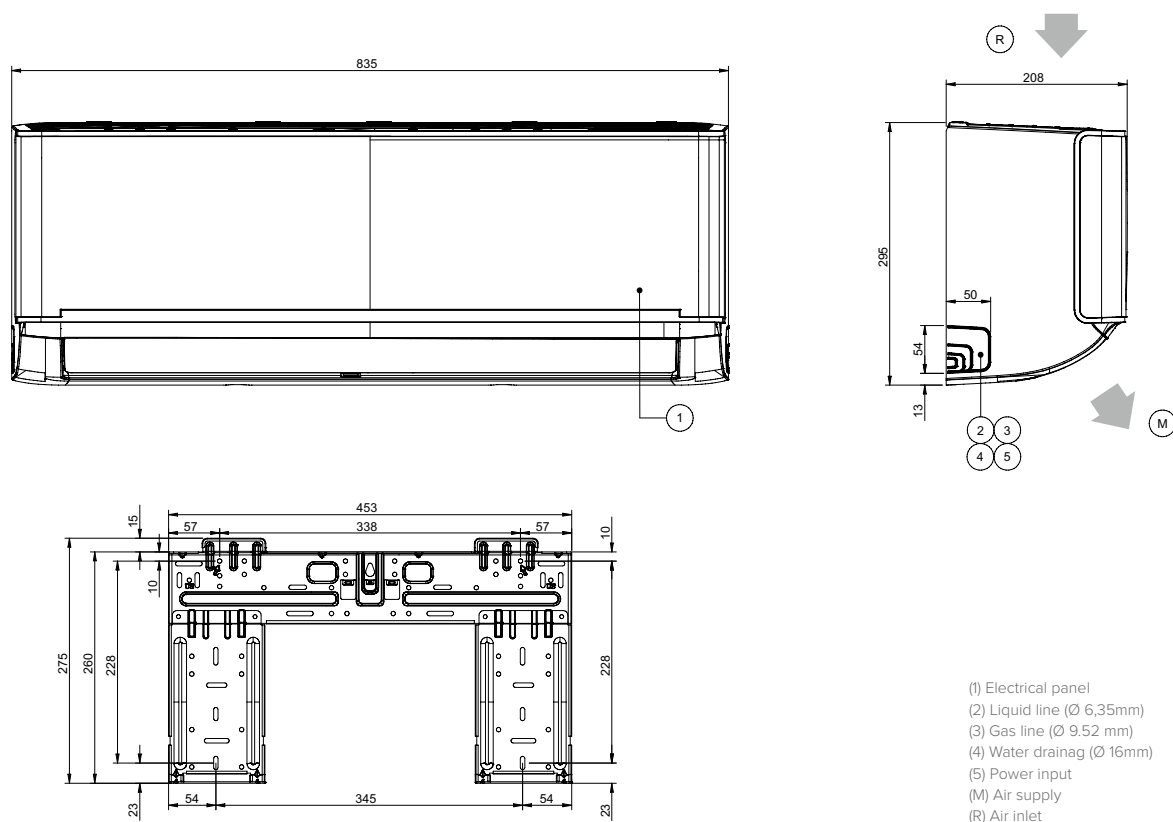
## EZCool - Indoor unit

ILA1-Y 27M



## EZCool - Indoor unit

ILA1-Y 35M

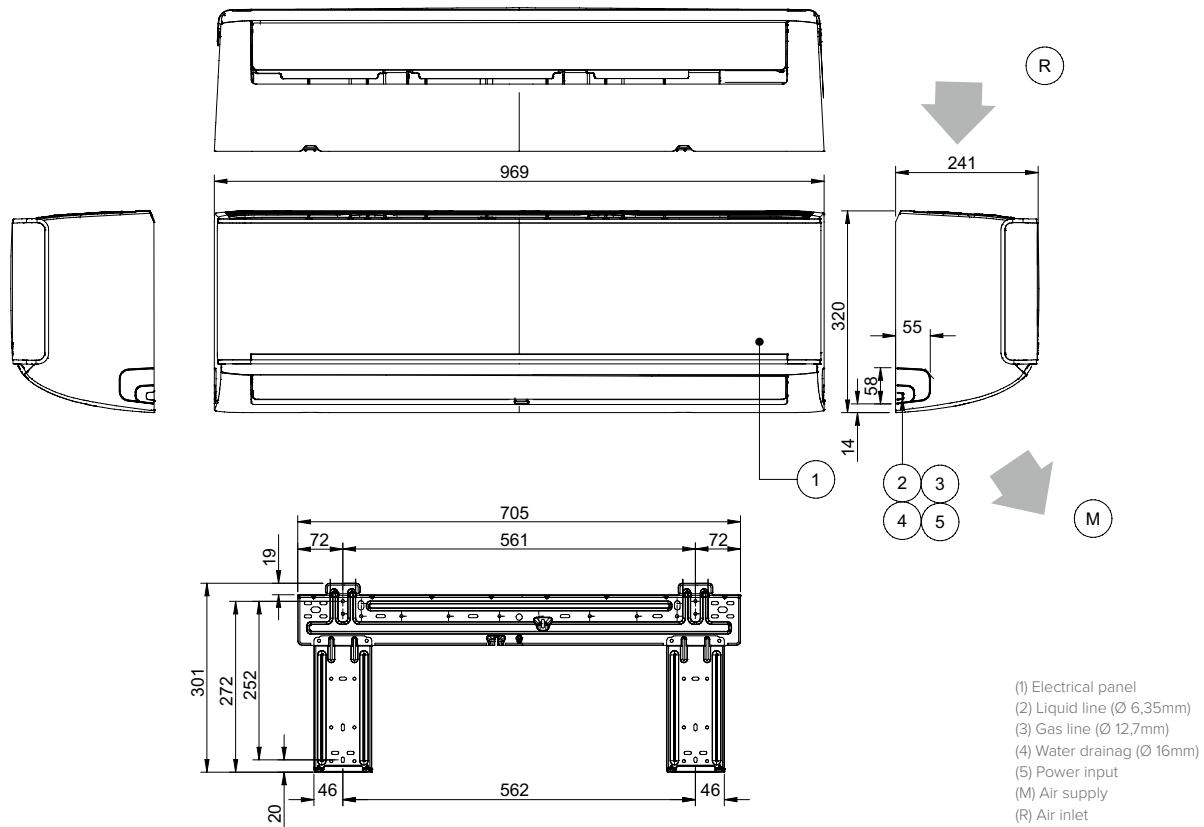


Unit of measurement: mm

# DIMENSIONAL DRAWINGS

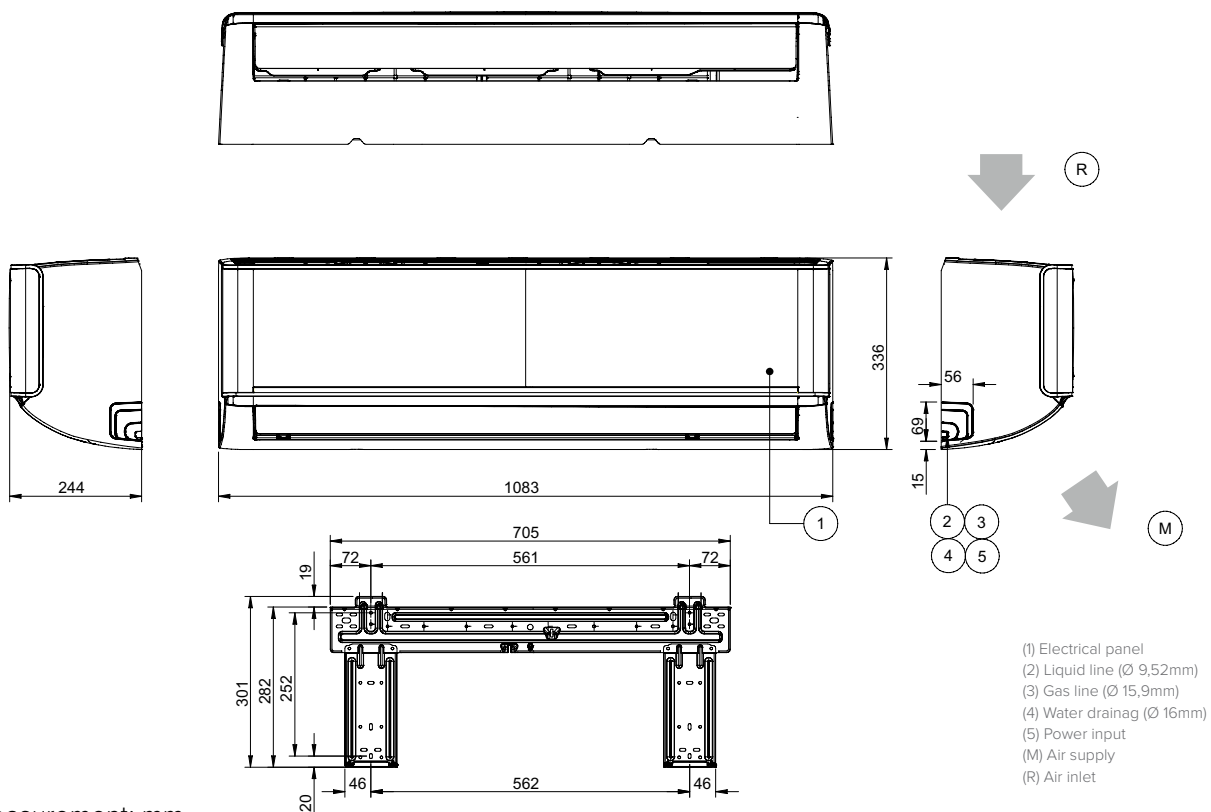
## EZCool - Indoor unit

ILA1-Y 53M



## EZCool - Indoor unit

ILA1-Y 70M



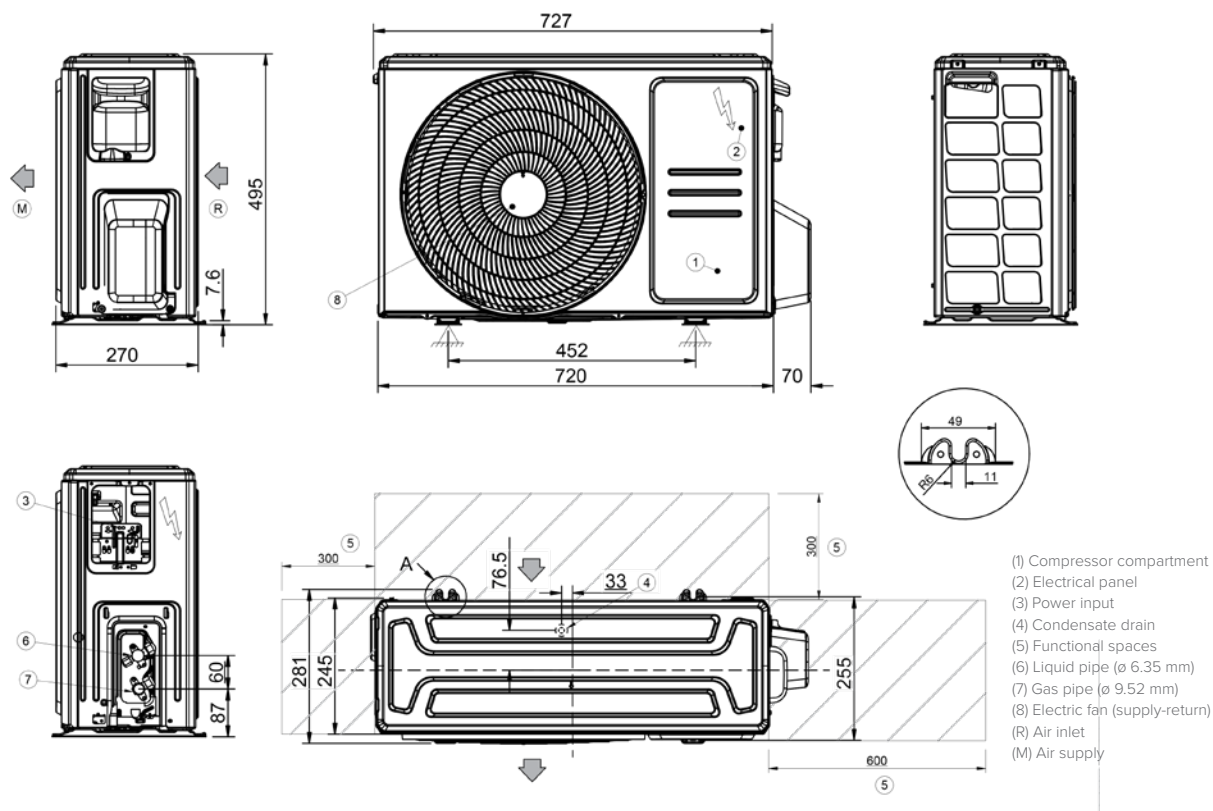
Unit of measurement: mm



# DIMENSIONAL DRAWINGS

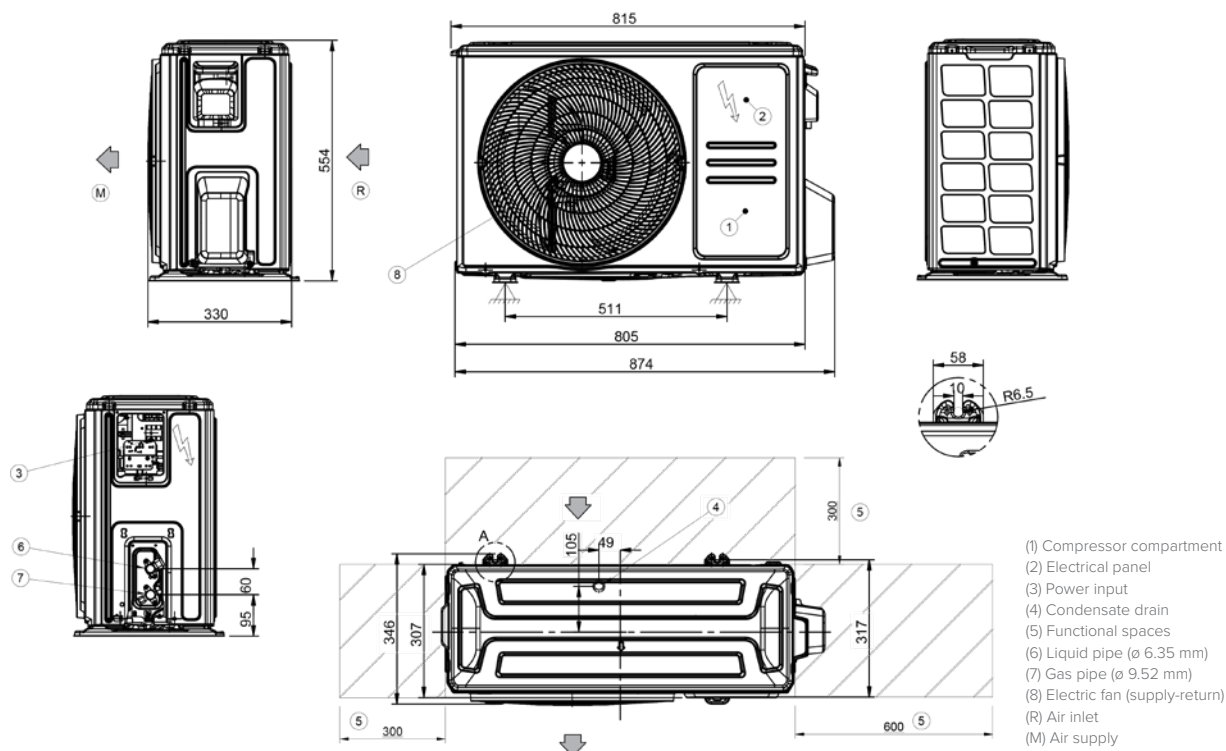
## EZCool - Outdoor unit

## MLA1-Y 27M - 35M



## EZCool - Outdoor unit

## MLA1-Y 53M

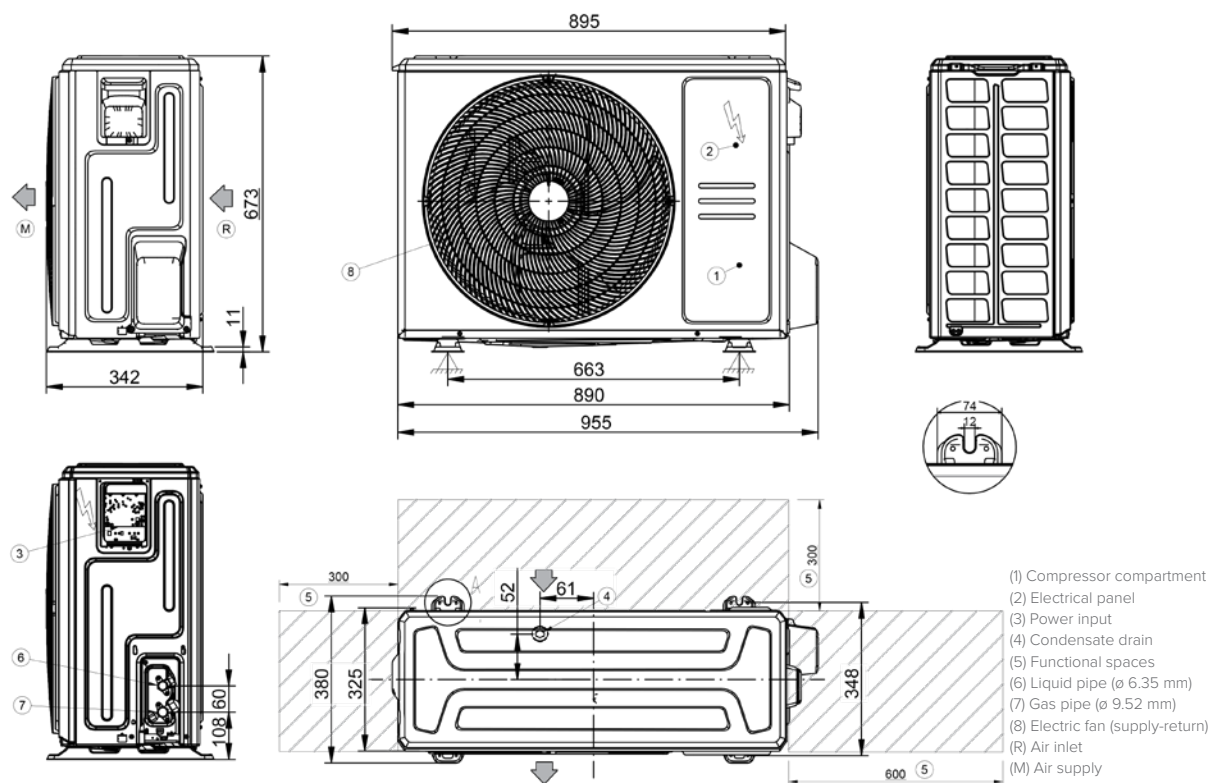


Unit of measurement: mm

# DIMENSIONAL DRAWINGS

EZCool - Outdoor unit

MLA1-Y 70M

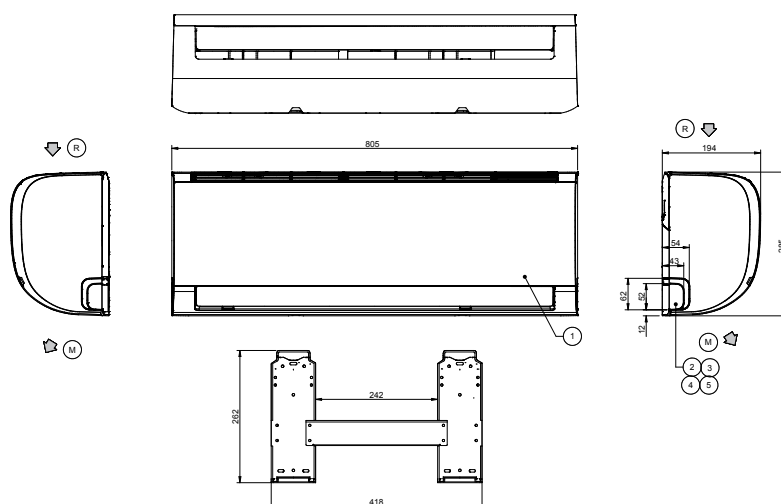


Unit of measurement: mm

# DIMENSIONAL DRAWINGS

NATIV- Indoor unit

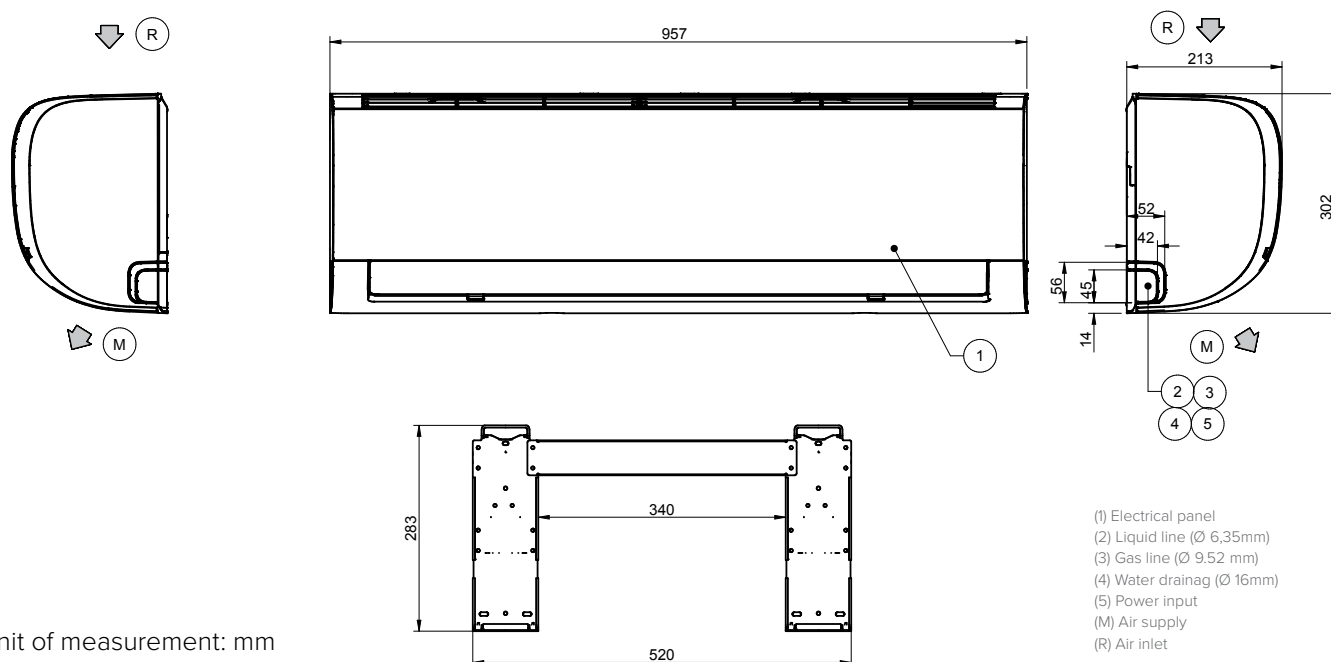
IZ2-XY 27 ÷ 35M



- (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



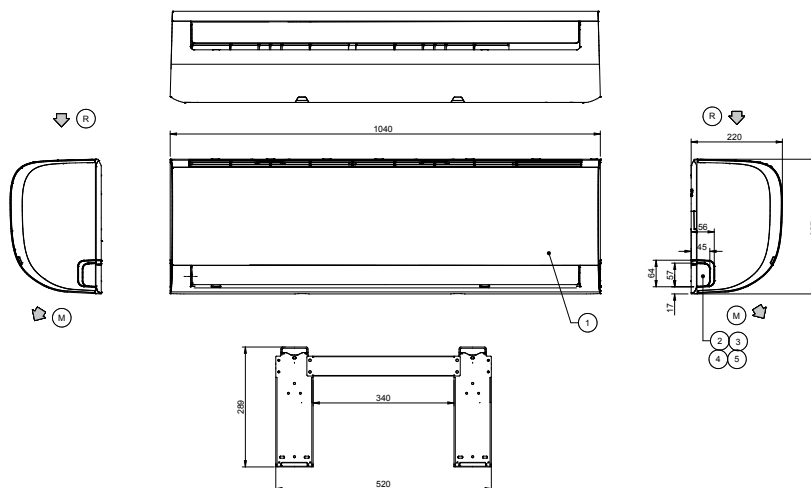
- (1) Electrical panel
- (2) Liquid line (Ø 6,35mm)
- (3) Gas line (Ø 9.52 mm)
- (4) Water drainag (Ø 16mm)
- (5) Power input
- (M) Air supply
- (R) Air inlet

Unit of measurement: mm

# DIMENSIONAL DRAWINGS

## NATIV- Indoor unit

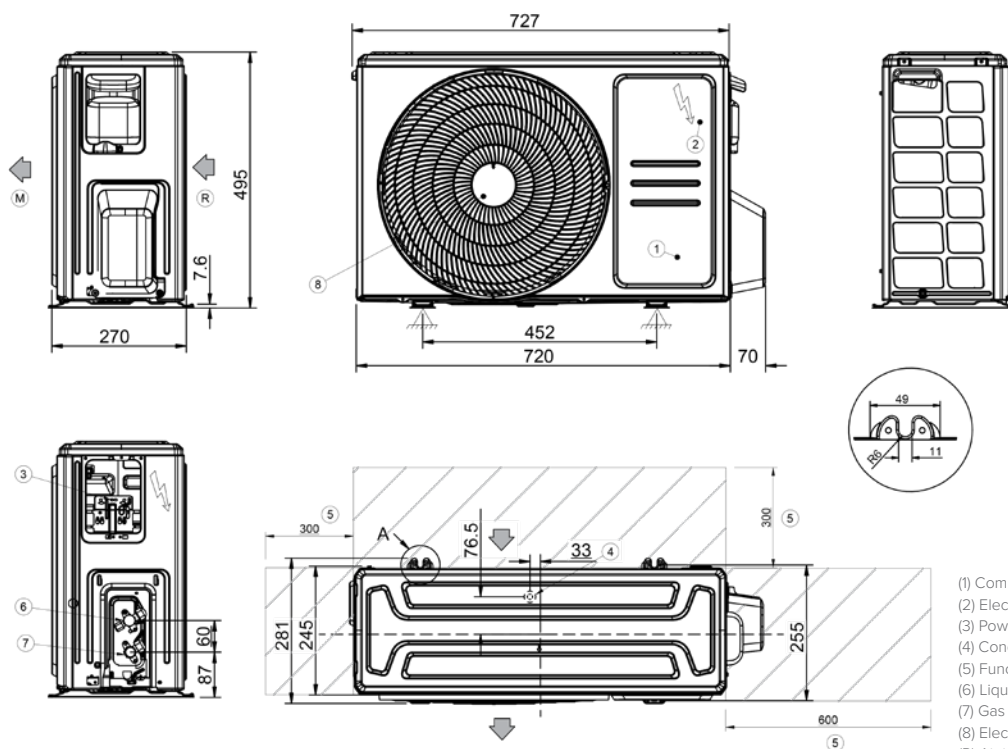
IZZ-XY 70M



- (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



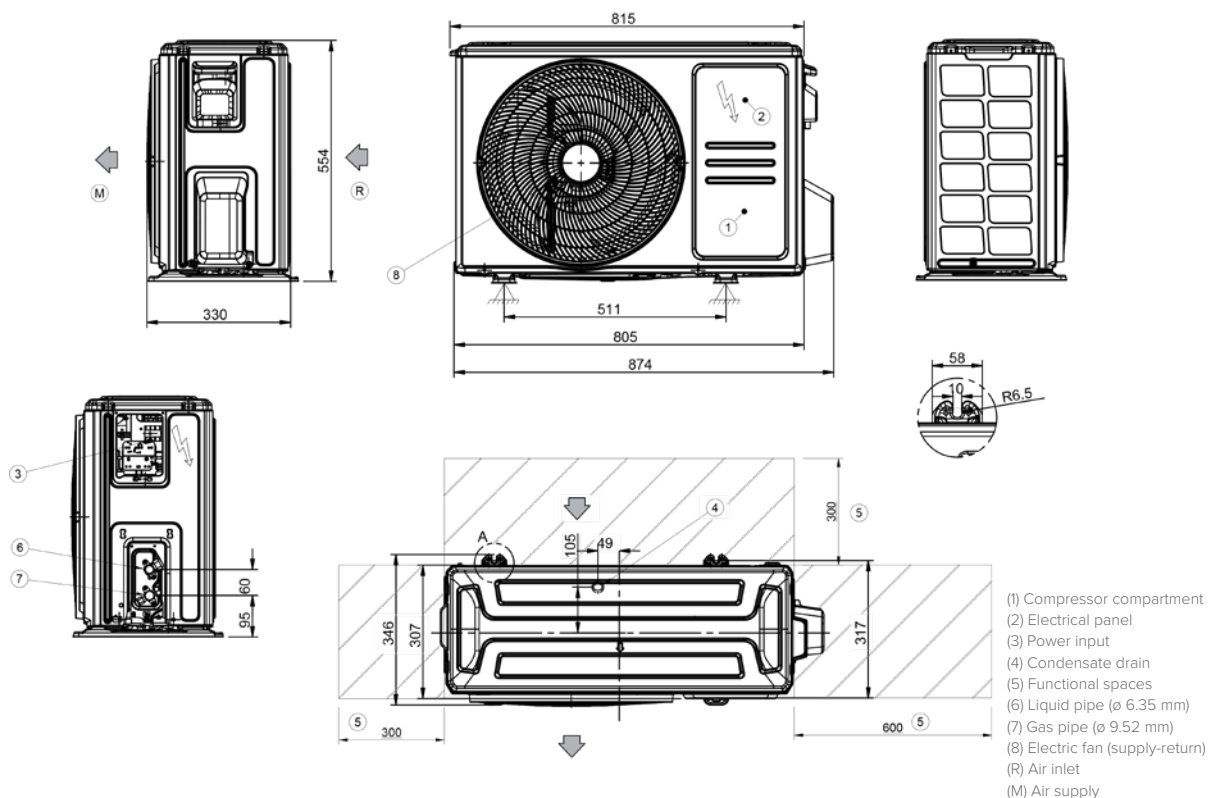
- (1) Compressor compartment
- (2) Electrical panel
- (3) Power input
- (4) Condensate drain
- (5) Functional spaces
- (6) Liquid pipe (ø 6.35 mm)
- (7) Gas pipe (ø 9.52 mm)
- (8) Electric fan (supply-return)
- (R) Air inlet
- (M) Air supply

Unit of measurement: mm

# DIMENSIONAL DRAWINGS

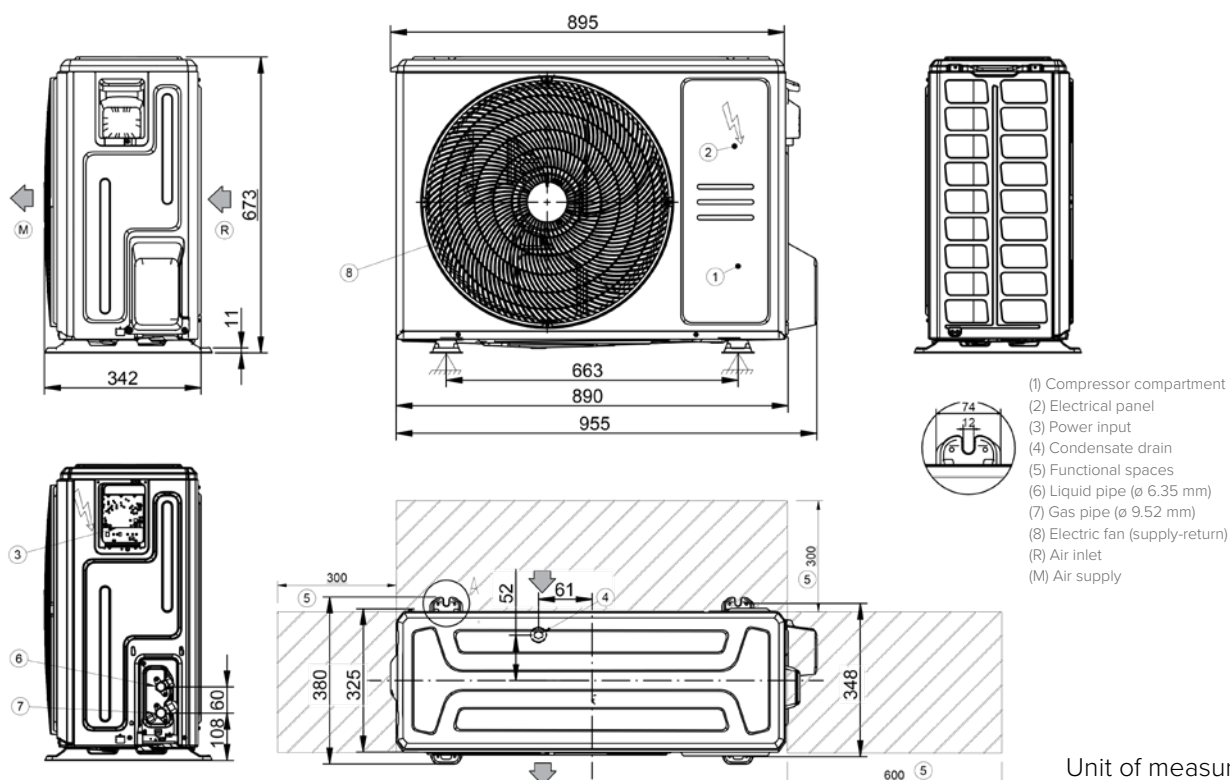
## NATIV- Outdoor unit

M2Z-Y 53M

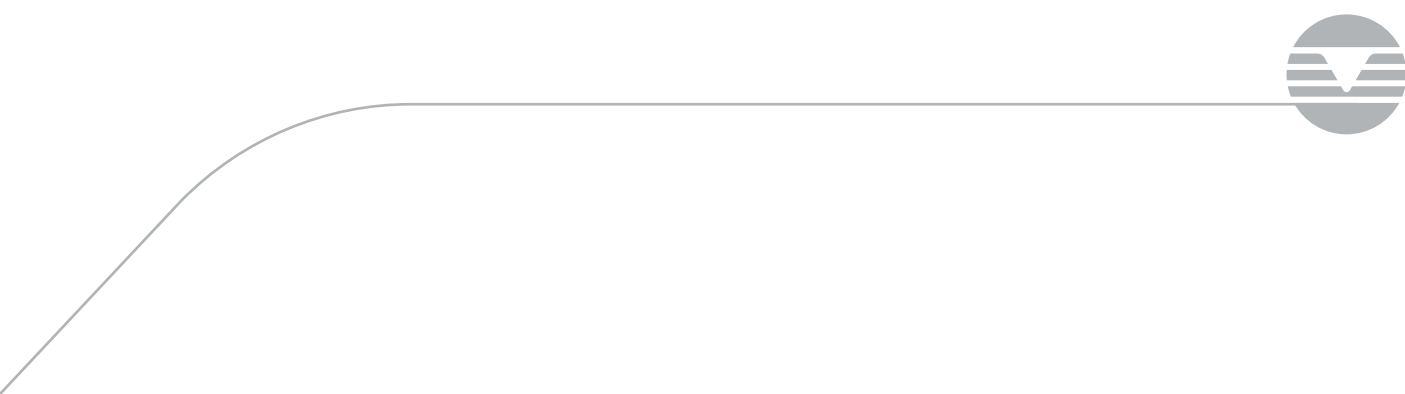


## NATIV- Outdoor unit

M2Z-Y 70M



Unit of measurement: mm

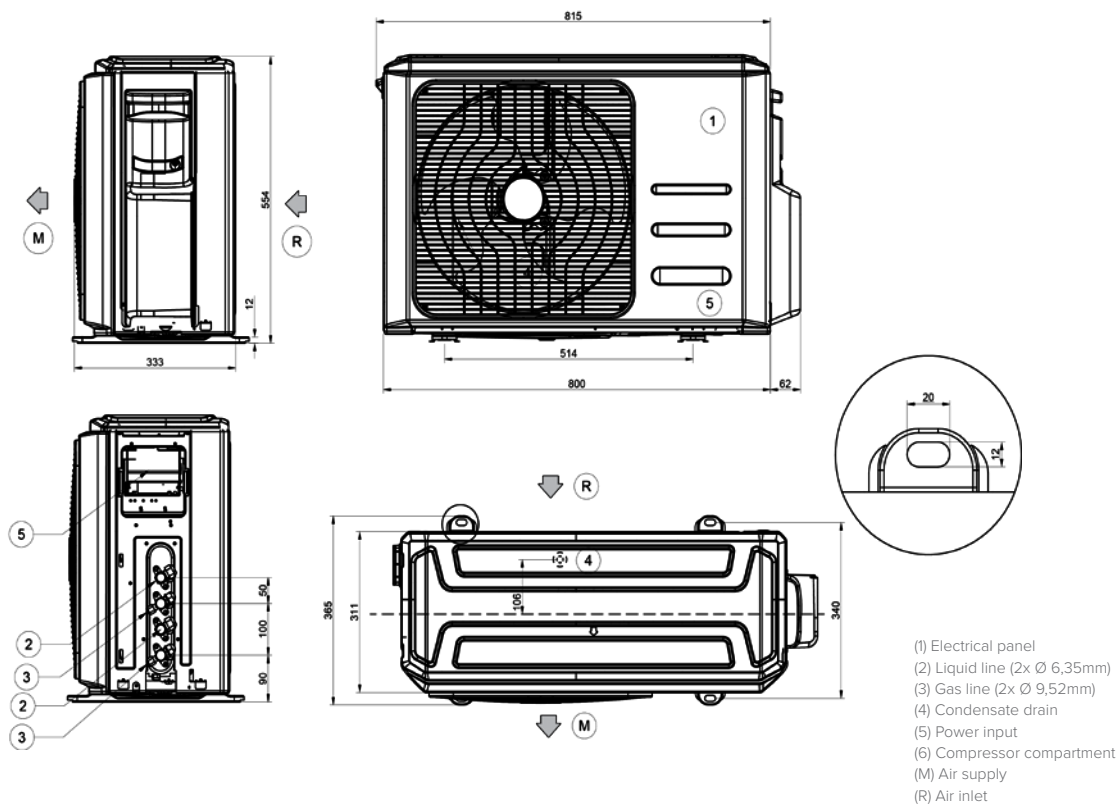


# DIMENSIONAL DRAWINGS

## Multi Split

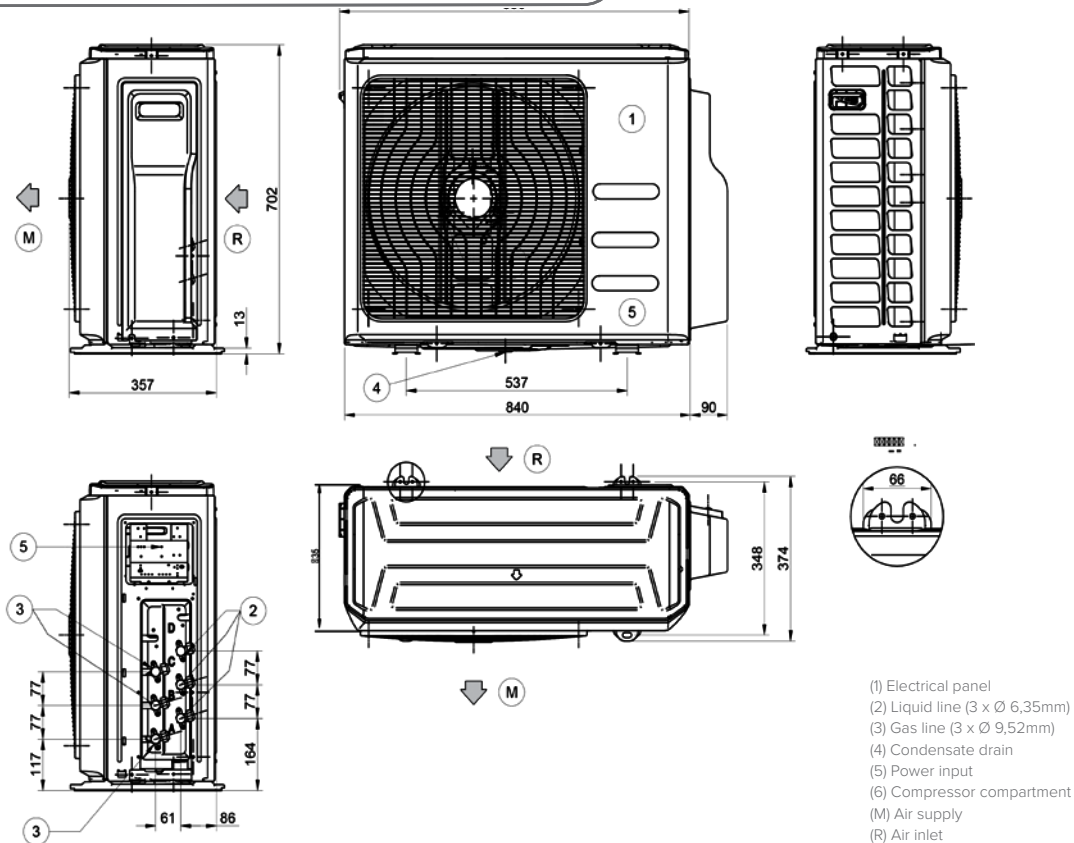
ODU-SM 2

MU2-Y 41M ÷ 53M



ODU-SM 2

MU2-Y 61M ÷ 79M



Unit of measurement: mm





# DIMENSIONAL DRAWINGS

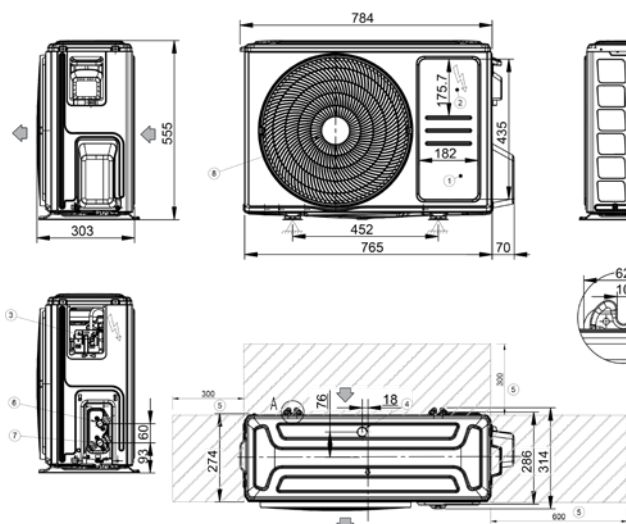
## Light Commercial

ODU-SL 2

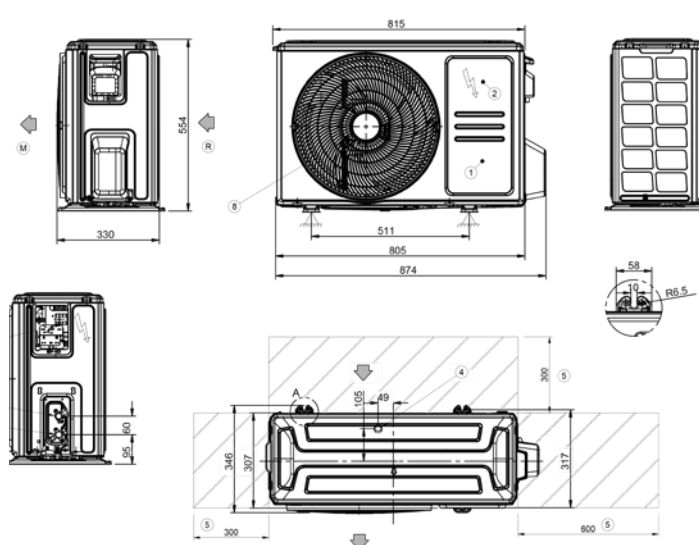
MC3-Y 35M

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



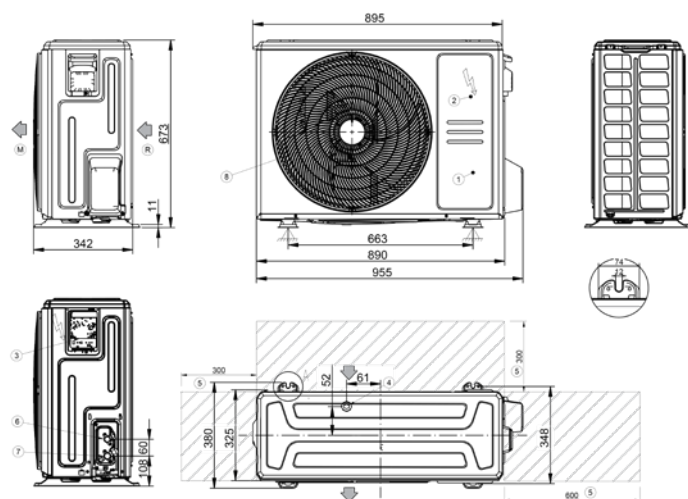
- (1) Compressor compartment
- (2) Electrical panel
- (3) Power input
- (4) Condensate drain
- (5) Functional spaces
- (6) Liquid pipe (ø 6.35 mm)
- (7) Gas pipe (ø 9.52 mm)
- (8) Electric fan (supply-return)
- (R) Air inlet
- (M) Air supply

ODU-SL 2

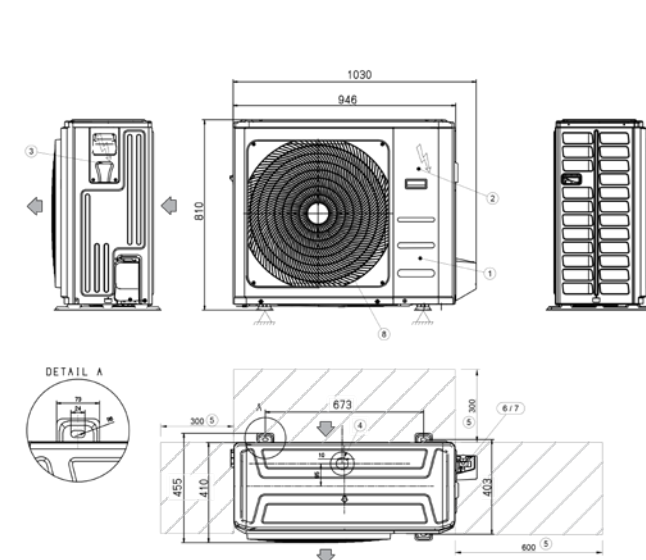
MC3-Y 70M

ODU-SL 2

MC3-Y 88M÷120M



- (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



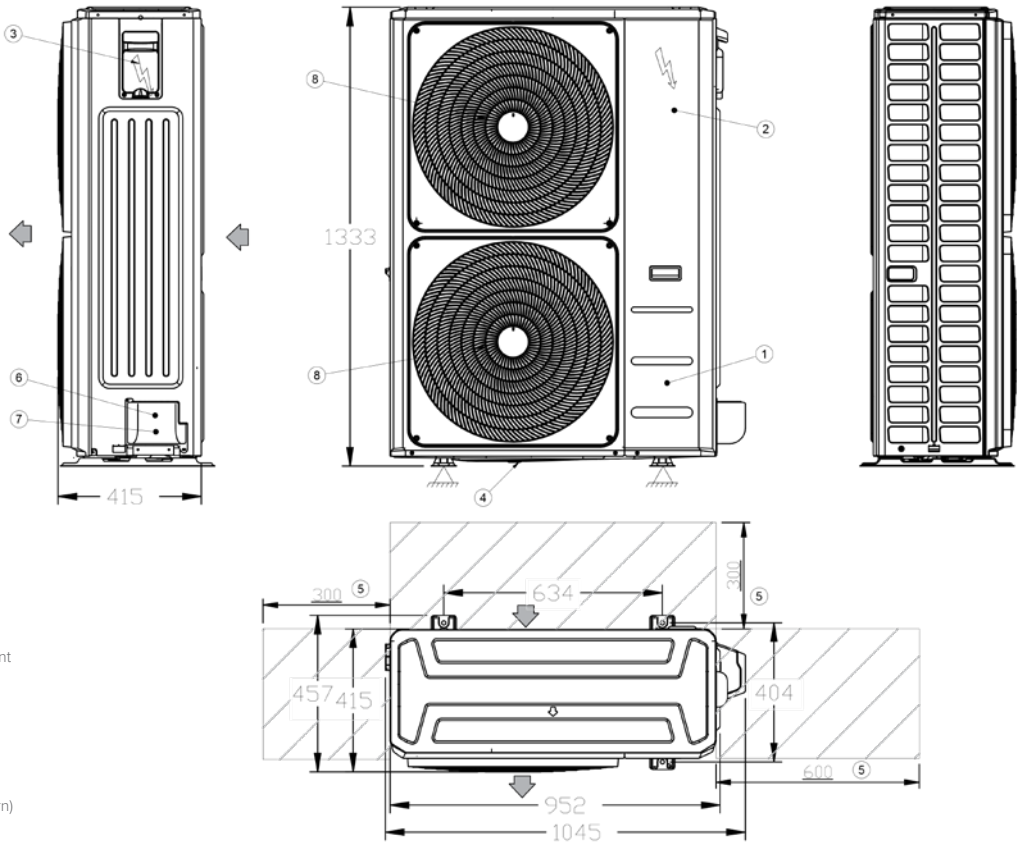
- (1) Electrical panel
- (2) Liquid line (4x Ø 6.35 mm for 82M and 105M, 4x Ø 9.52 + Ø12.7 mm for 125M)
- (3) Gas line (3x Ø 9.52 + Ø 12.7 mm for 82M and 105M, 4x Ø 9.52 + Ø12.7 mm for 125M)
- (4) Condensate drain
- (5) Power input
- (6) Compressor compartment
- (M) Air supply
- (R) Air inlet

Unit of measurement: mm

# 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

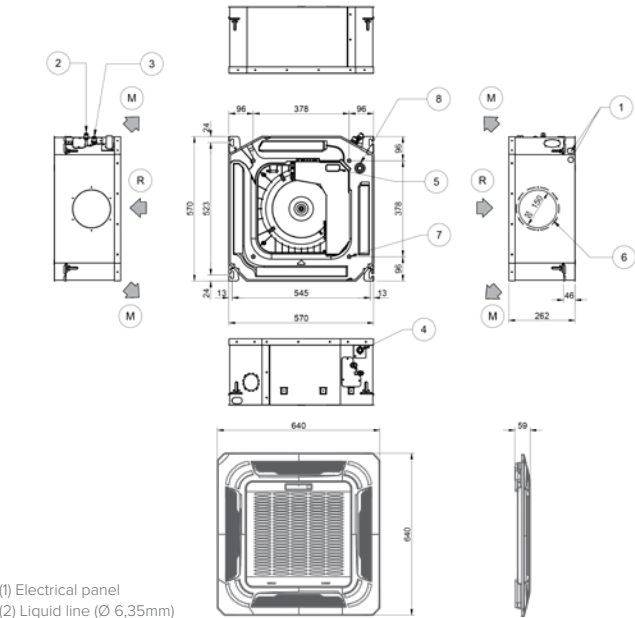
# DIMENSIONAL DRAWINGS

BOX 2 650X650

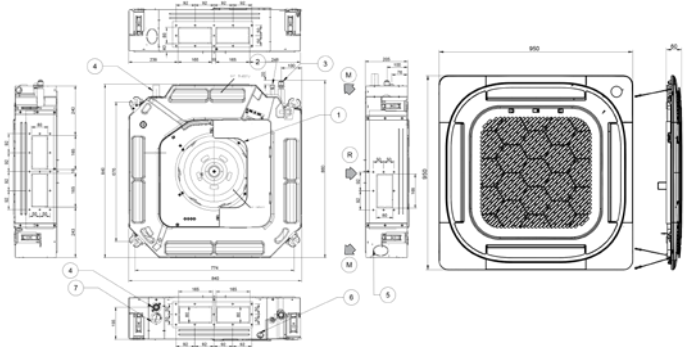
IB3-XY 27M÷53M

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 maintainance
- (M) Air supply
- (R) Air inlet



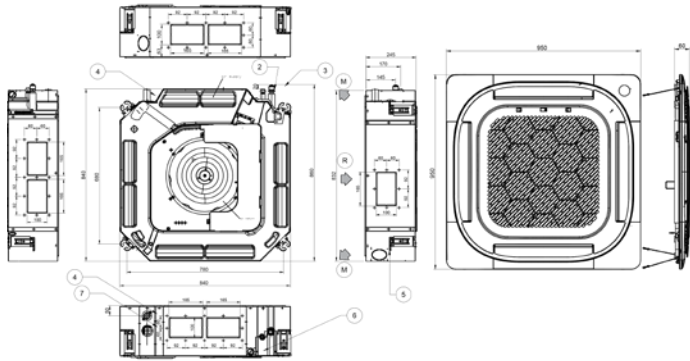
- (1) Electrical panel
- (2) Liquid line (Ø 9,52mm)
- (3) Gas line (Ø 15,9mm)
- (4) Condensate drain (Ø 32mm)
- (5) Fresh air intake (Ø 75mm)
- (6) Power input
- (7) Discharge hole for maintainance
- (M) Air supply
- (R) Air inlet

BOX 2 950X950

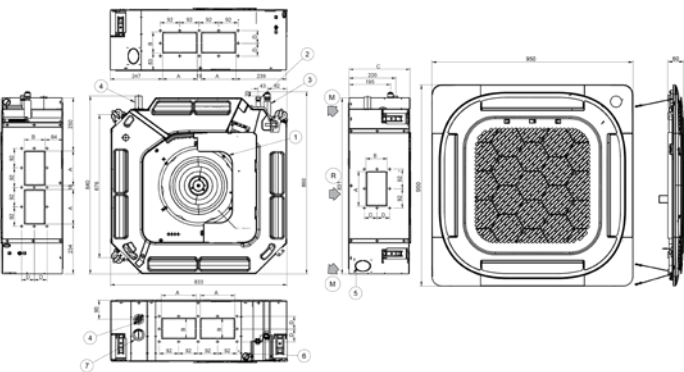
IA3-XY 88M÷105M

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 maintainance
- (M) Air supply
- (R) Air inlet



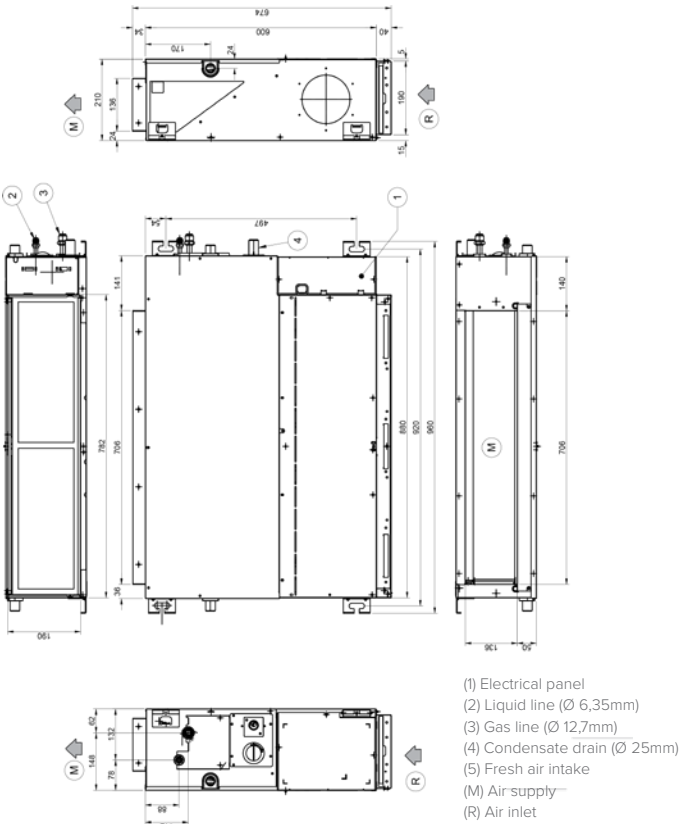
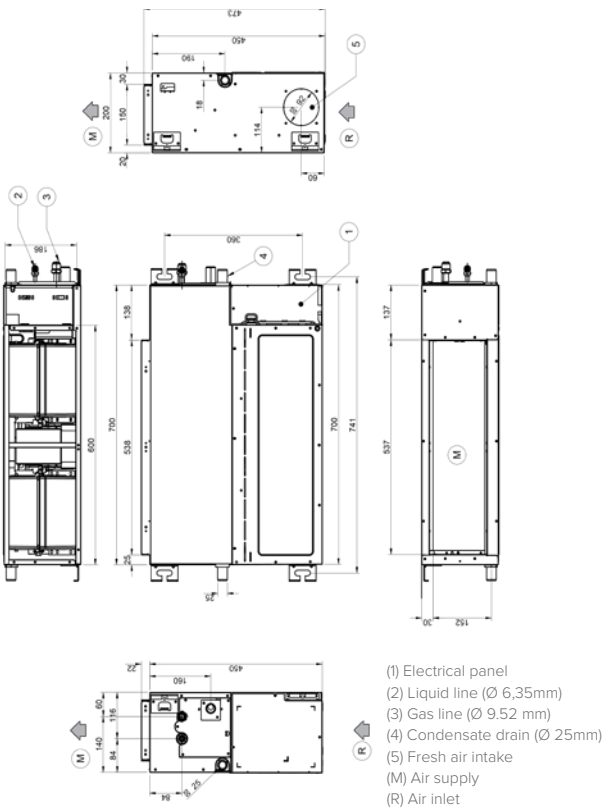
- (1) Electrical panel
- (2) Liquid line (Ø 6,35mm)
- (3) Gas line (Ø 9.52 mm for 35M, Ø 12.7 mm for 53M)
- (4) Condensate drain (Ø 25mm)
- (5) Fresh air intake (Ø 65mm)
- (6) Power input
- (7) Discharge hole for maintainance
- (M) Air supply
- (R) Air inlet

DIMENSIONAL DRAWINGS

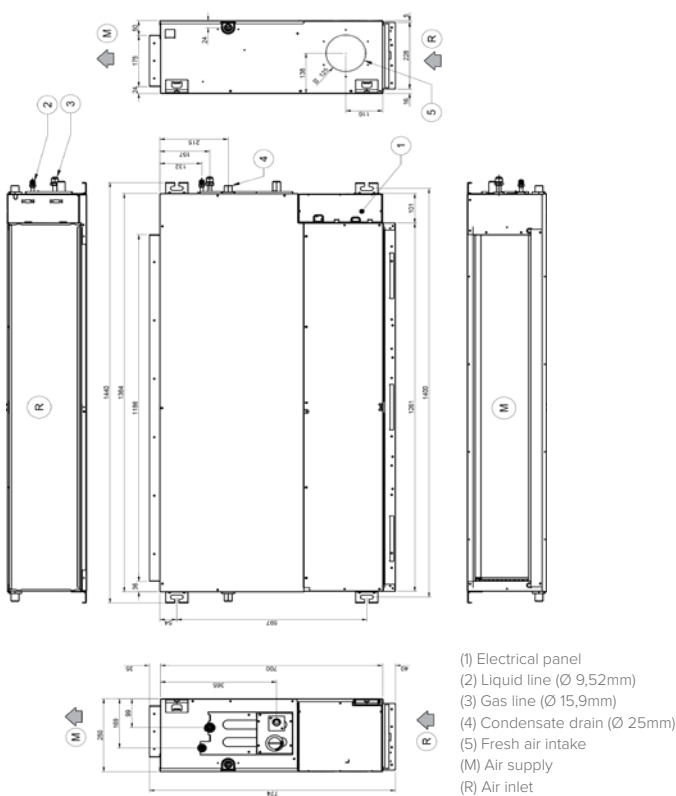
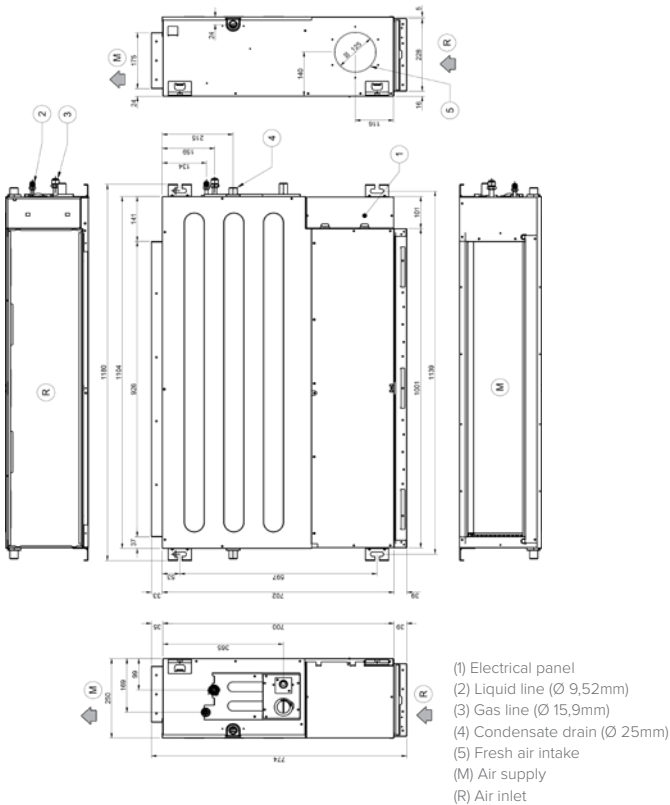
Unit of measurement: mm

# 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

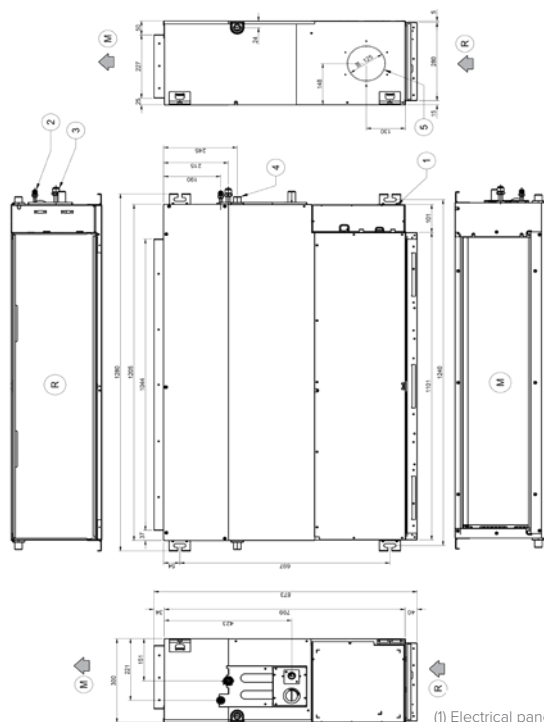
# DIMENSIONAL DRAWINGS

## DUCT 2

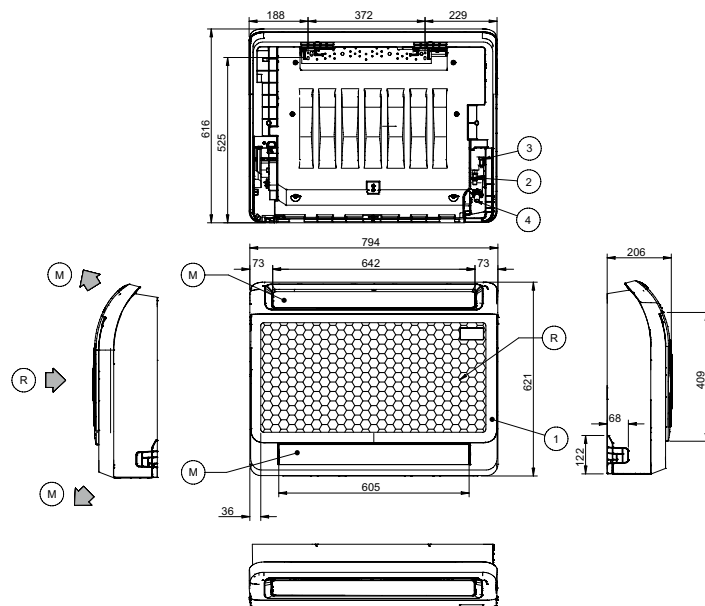
## ID3-XY 140M÷160M

## 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



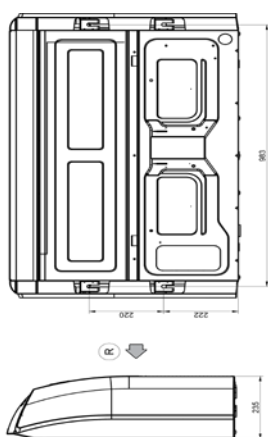
- (1) Electrical panel
- (2) Gas line (Ø 9,52mm per 27M/35M; Ø 12,7mm for 53M)
- (3) Liquid line (Ø 6,35mm)
- (4) Condensate drain (Ø 25mm)
- (M) Air supply
- (R) Air inlet

## CEILING & FLOOR 2

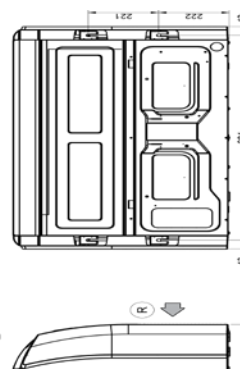
## IF3-XY 53M

## CEILING & FLOOR 2

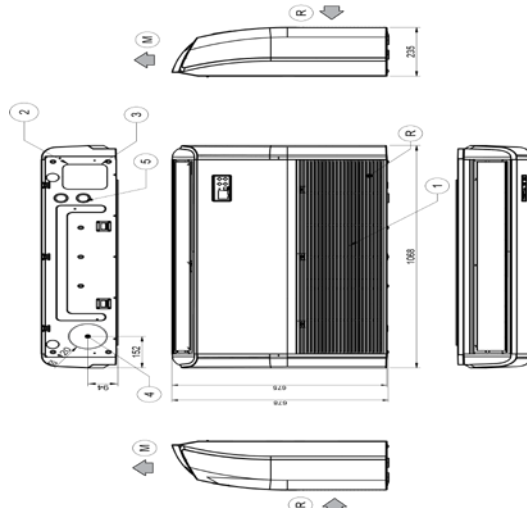
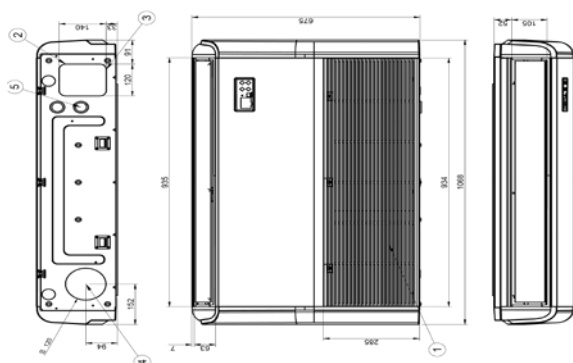
## IF3-XY 70M



- (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

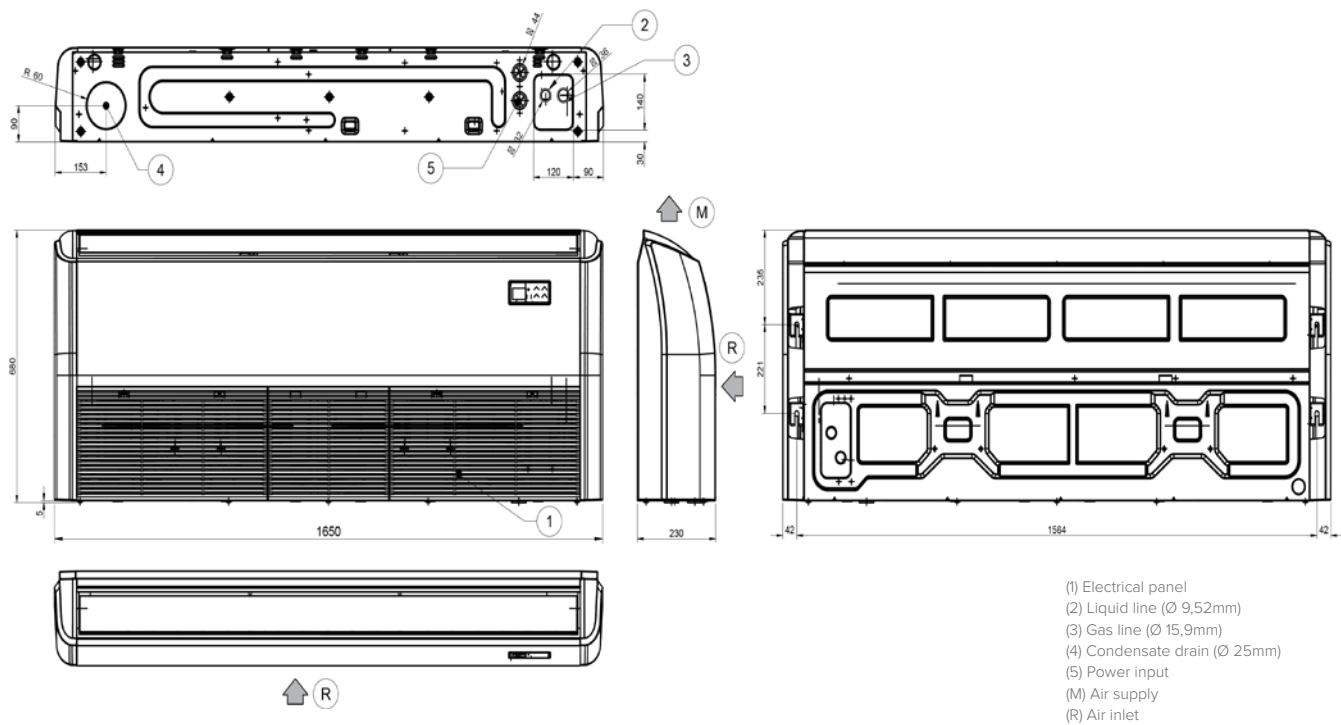


Unit of measurement: mm

# DIMENSIONAL DRAWINGS

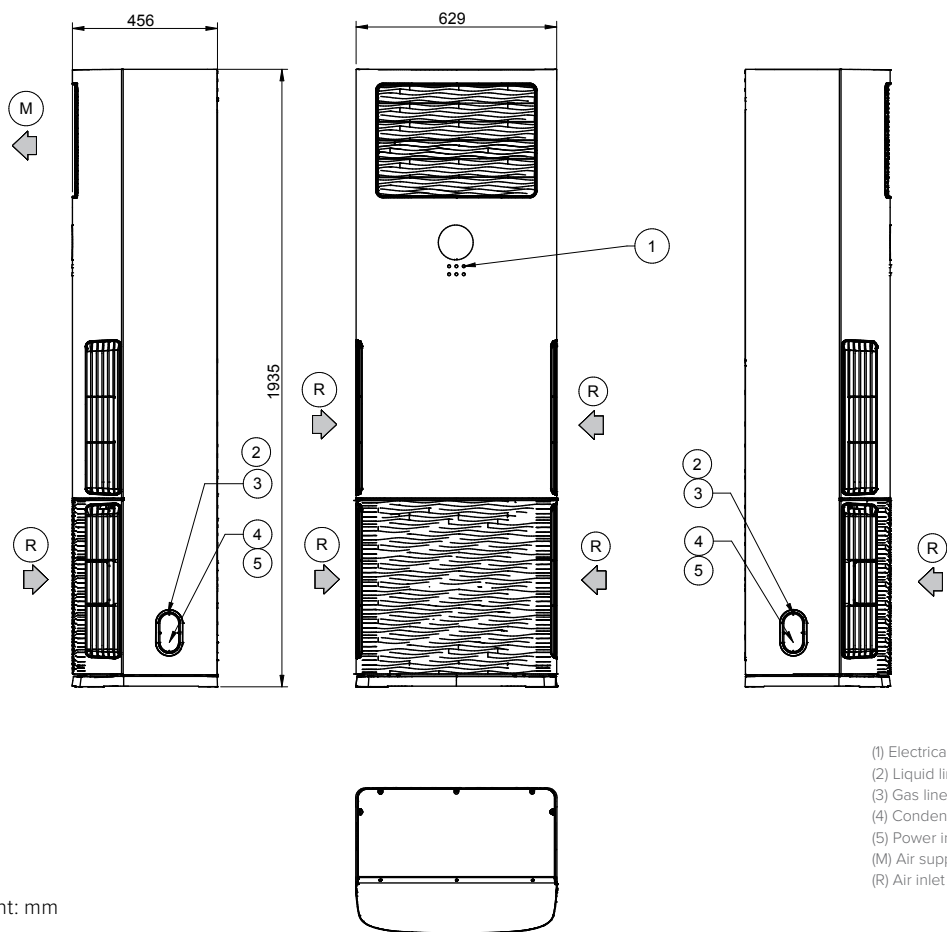
## CEILING & FLOOR 2

IF3-XY 105M÷140M÷160M



## STANDING 2

IS3-XY 140M



Unit of measurement: mm



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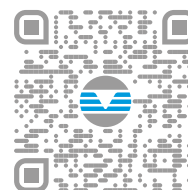
Updated data available on [www.clivet.com](http://www.clivet.com)



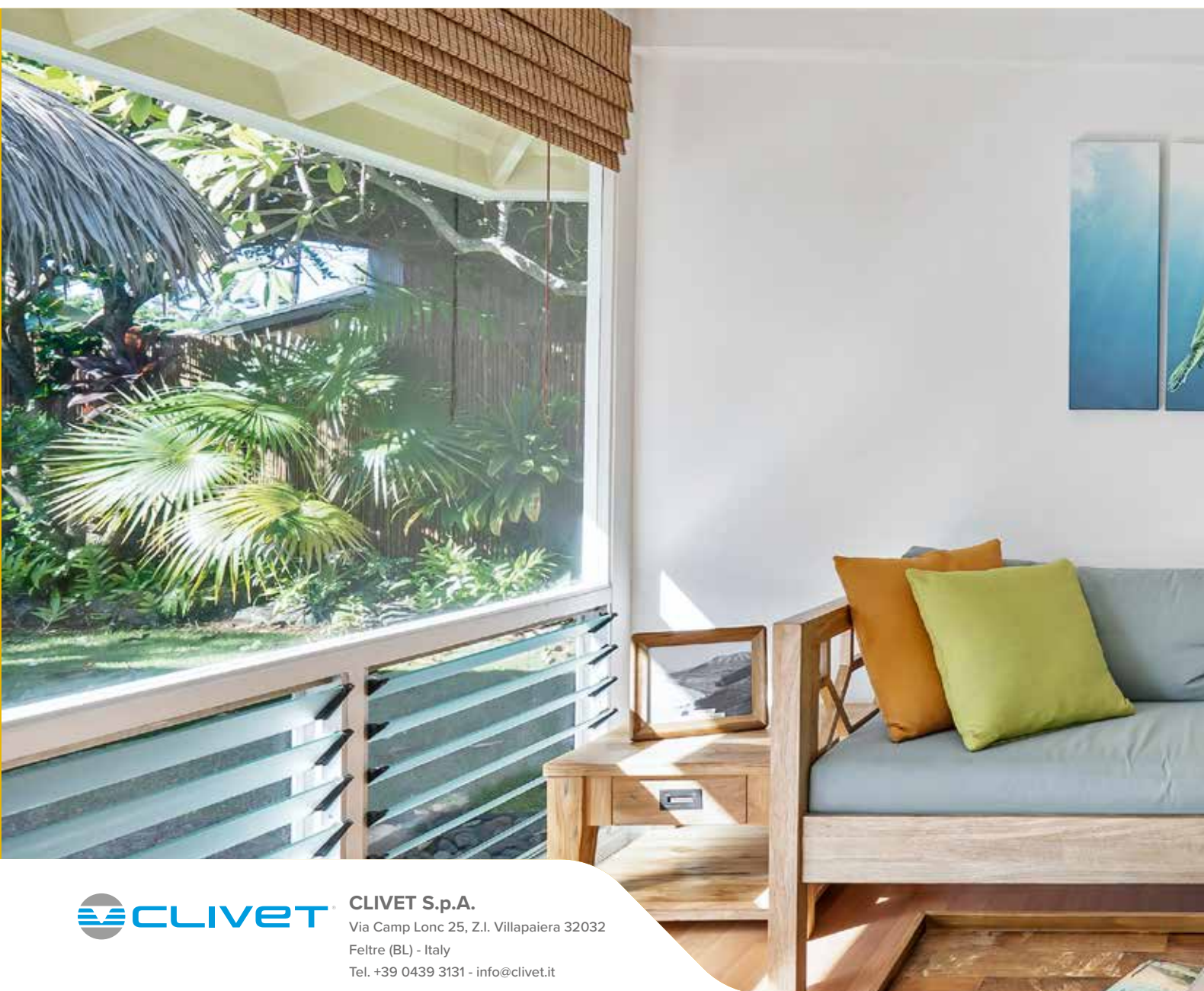
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