



GUIDE 2024
PRODUCTS AND SYSTEMS
SPLIT

2024



AIR CONDITIONING
AND AIR QUALITY
PARTNER

Inspiring Solutions since 1989



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

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

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

INSPIRING SOLUTIONS



AIR CONDITIONING
AND AIR QUALITY
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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 and on Clivet Apps, where they can be downloaded free of charge.

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



CLIVET. INSPIRING SOLUTIONS

MONOSplit

MULTISplit

LIGHT COMMERCIAL

ACCESSORIES & CONTROL SYSTEMS

DIMENSIONAL DRAWINGS

ALWAYS READY FOR THE FUTURE

INSPIRING SOLUTIONS

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

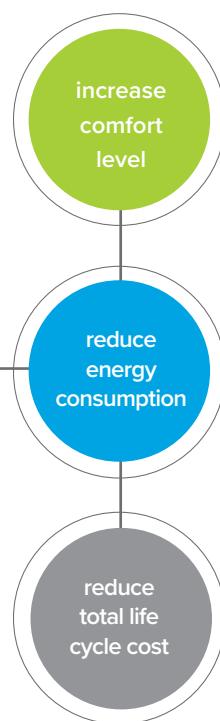


COMFORT FOR THE PLANET & PEOPLE

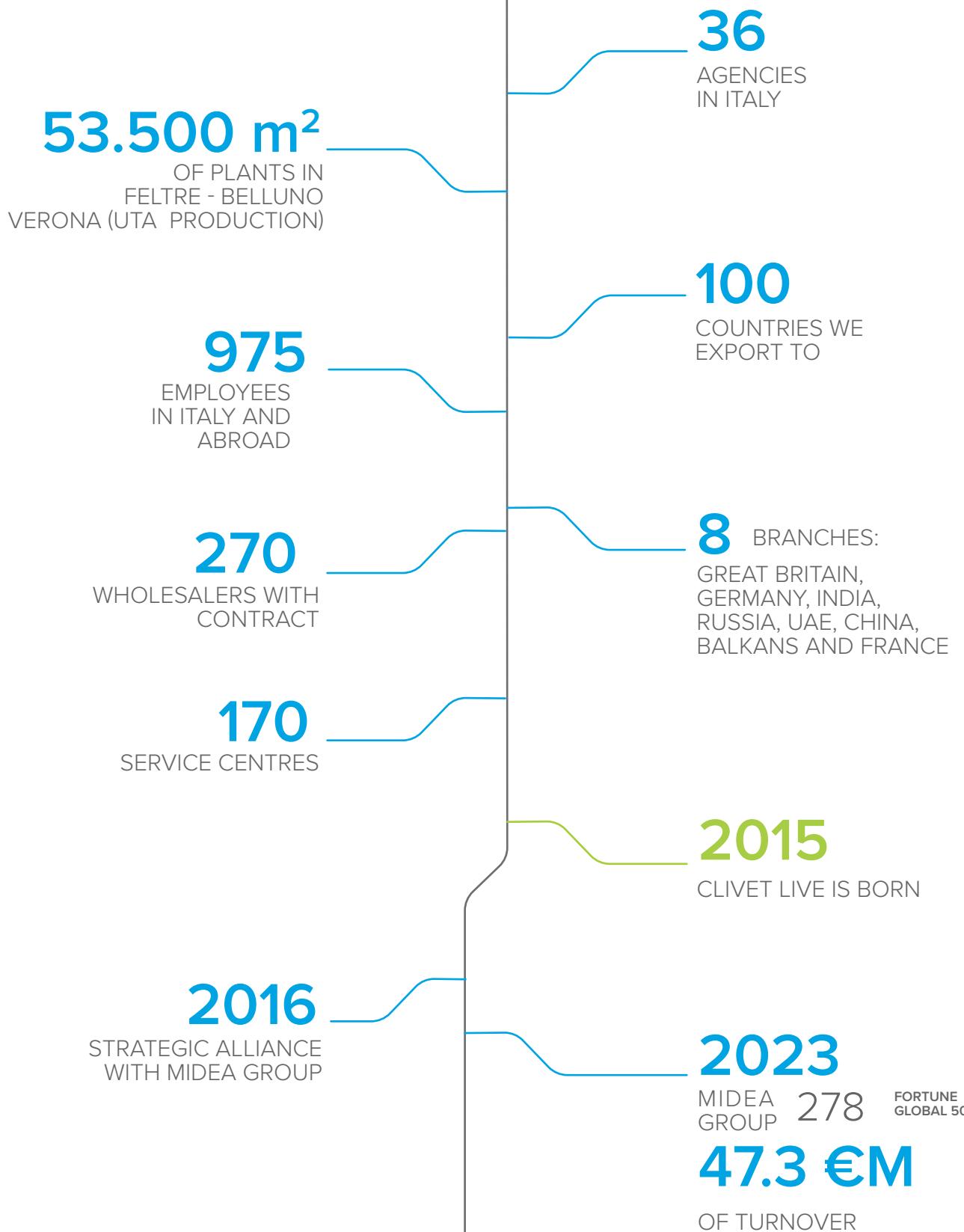
OUR VALUES

IN THE RESIDENTIAL, COMMERCIAL AND INDUSTRIAL SECTORS

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



OUR NUMBERS



New additions to the 2024 range





New CRISTALLO 2 SINGLESplit / MULTISplit NEW

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



Choose the right system

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

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

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

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

SINGLESplit / Light Commercial

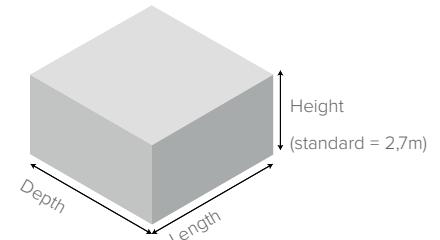
One outdoor unit for each room to be air conditioned.



Required capacity [W] = Room volume [m^3] x 40/1.000

NOTE:

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



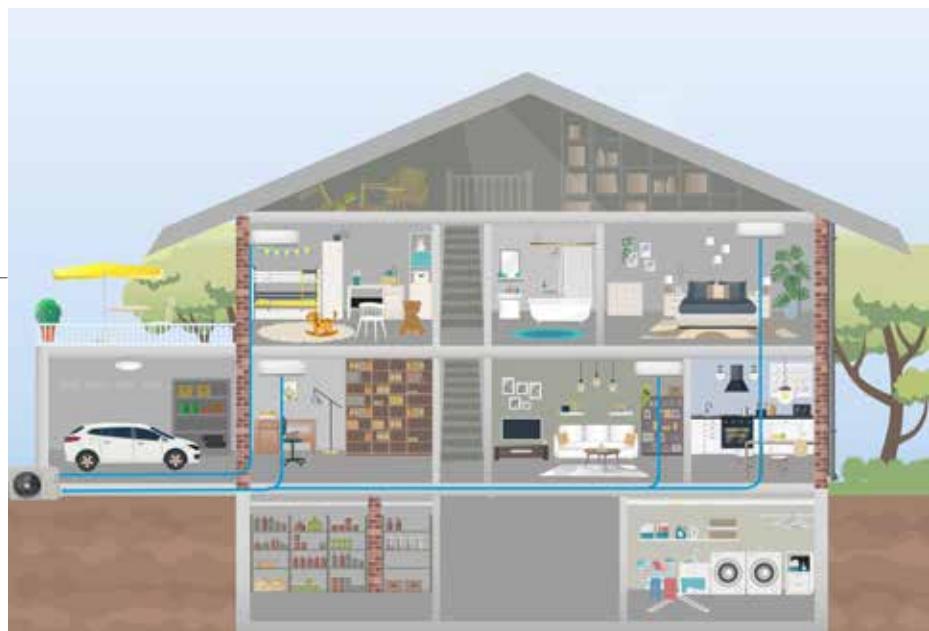
Room volume = length x depth x height

Typical rooms (example with Cristallo)::

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

Set	Unit	Version		Capacity and Efficiency					Energy class	
		Article code	Power supply	kW	Cooling Btu/h	SEER	kW	Heating Btu/h	SCOP	Cooling Heating
27M	IDU	IMAI-Y 27M	89682314	230/1/50	2,64 (1,03÷3,22)	9.000 (3.500÷11.000)	8,80	2,64 (1,03÷3,22)	9.000 (3.500÷11.000)	4,50
	ODU	MMA1-Y 27M	89682319	230/1/50						A+++ 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^3] 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^2]	Volume [m^3]	Required C [kW]	Size (IDU)
Sleeping area	Room	25	67,5	2,70	27M
	Studio	20	54	2,16	20M
Day area	Dining room	35	94,5	3,78	35M
	Living room	50	135	5,40	53M

tot
11,34 kW

Set	Article code	Connectable Indoor Units	Capacity				Energy class
			kW	Cooling Btu/h	Heating kW	Btu/h	
MU2-Y 105M	89112261	QUADRI (1÷4)	10,5 (2,1÷10,5)	36.000 (7.000÷36.000)	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 CO₂ emissions. The wall-mounted indoor units boast the 1 W Stand-by technology, which reduces wastages down to -80%, well below the average for products on the market.

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



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.



CLIVET

Emergency Function

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



Technical room conditioning

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

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

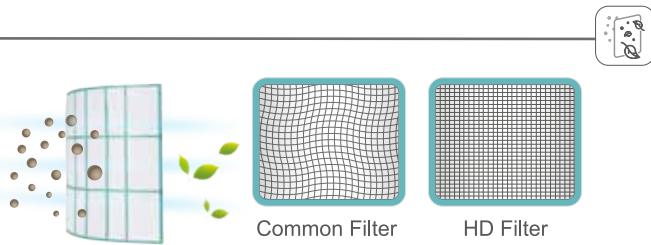


Functions

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)

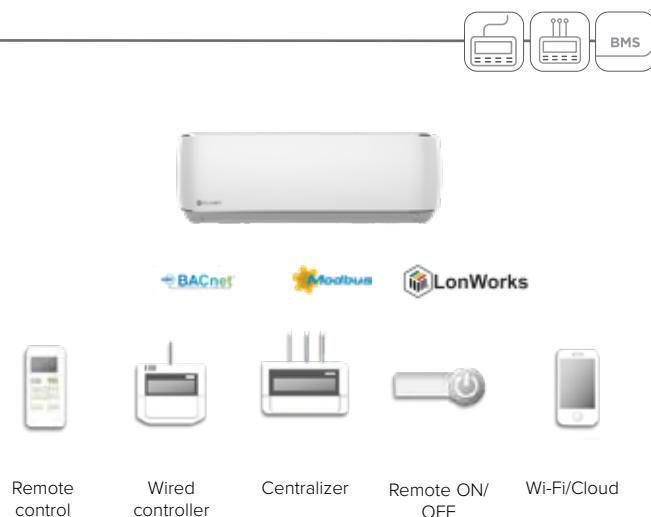


CONVENIENCE

Control systems

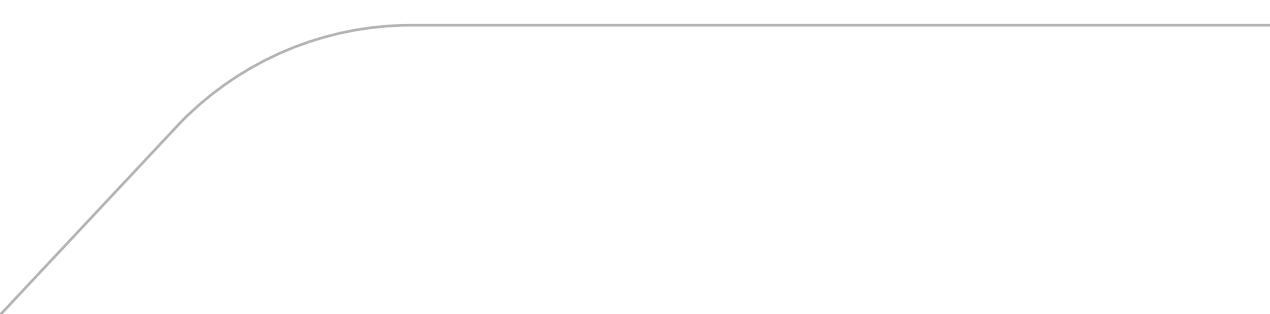
Besides the standard remote control the units can be managed with devices designed to satisfy any need:

- ✓ 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.

Certificates



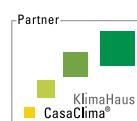
Clivet products comply with applicable **product Directives**, as required in all EU countries, in order to guarantee an appropriate level of safety.



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



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



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



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



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

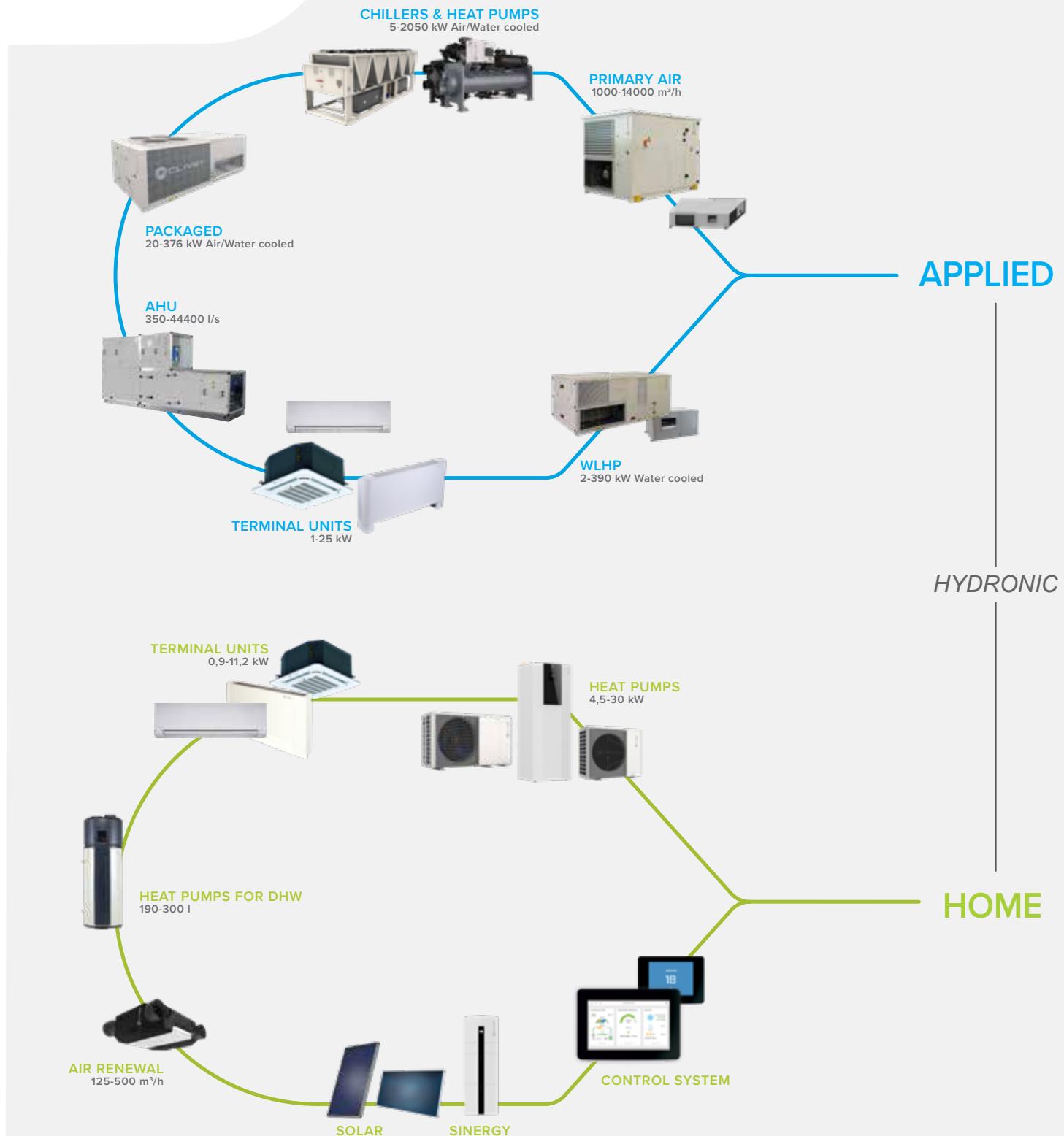


The wide range of Clivet products and complete systems comply with the requirements of the implementing measures for ErP (Energy related Products) Directives 2009/125/EC (Eco-design) and 2010/30/EU (Energy labelling), whose purpose is to reduce the energy consumption of products for heating, cooling, ventilation and hot water production, encouraging the user towards energy-efficient choices.
Directives 2009/125/EC and 2017/1369/EU include the following Regulations: (EU) 206/2012, (EU) 626/2011; (EU) 811/2013, (EU) 812/2013, (EU) 813/2013, (EU) 814/2013; (EU) 1253/2014, (EU) 1254/2014; (EU) 2016/2281.

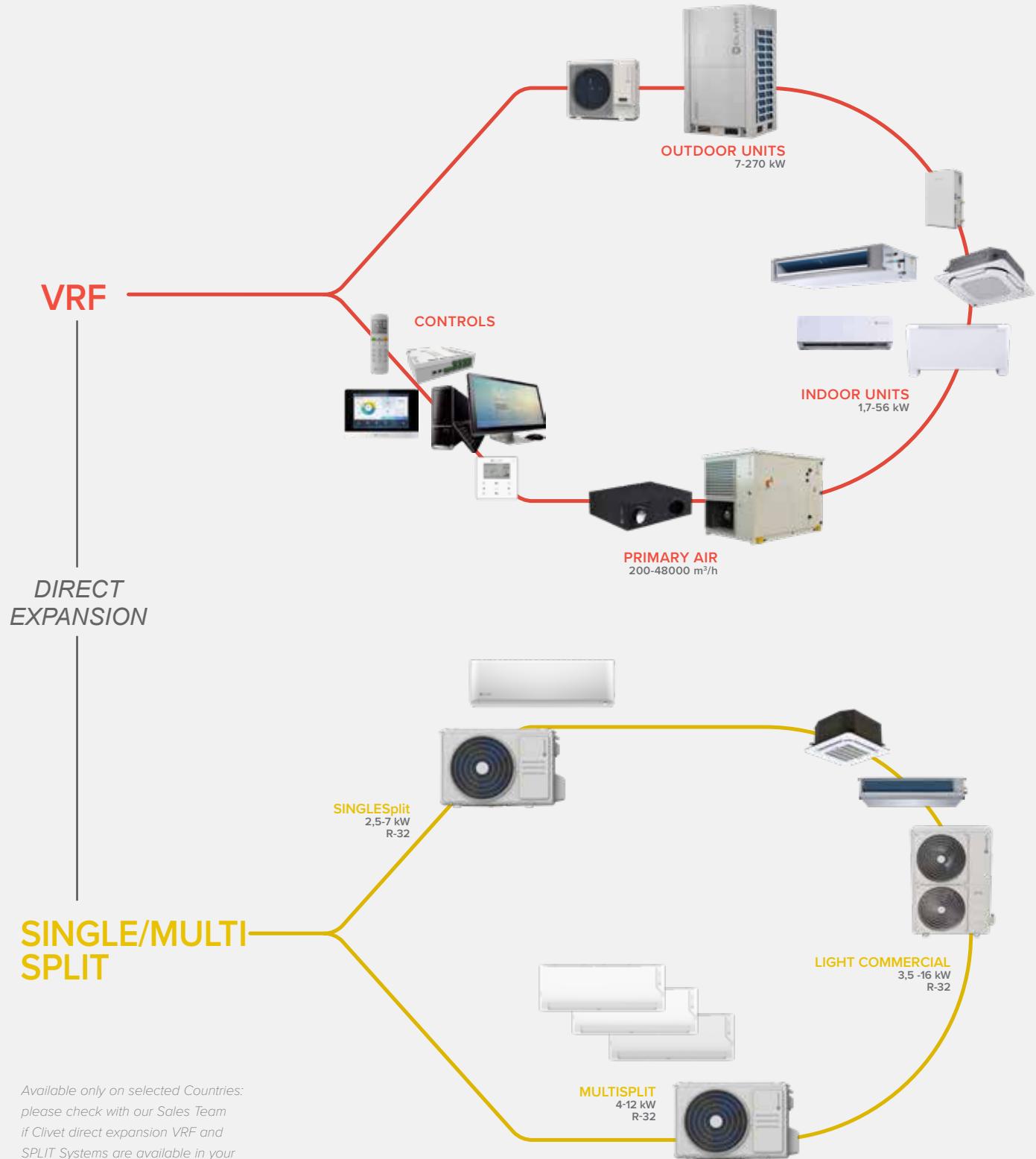


Clivet is involved in the BEYOND GREEN project to promote sustainability and the circular economy together with the other members of SAFE, the consortium system for the circular economy which works to raise public awareness regarding environmental issues, management and valorisation waste, education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

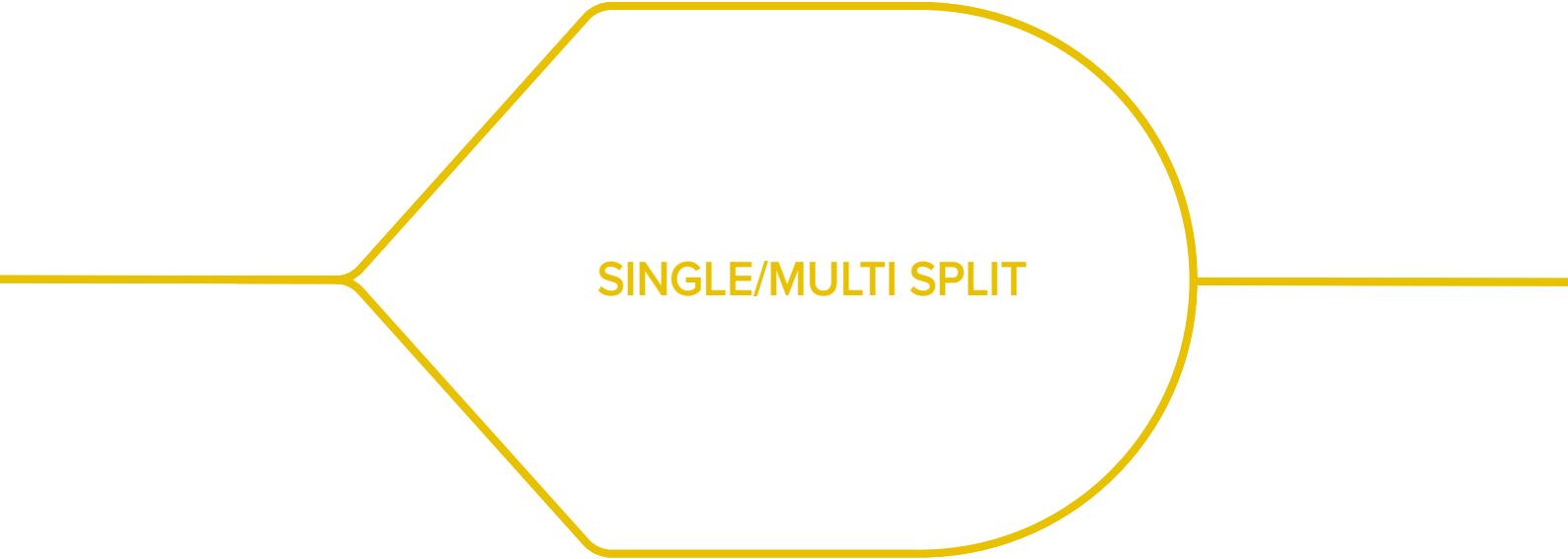
ALL TECHNOLOGIES FOR A COMPLETE PROPOSAL



Heating, cooling,
air renewal and
domestic hot water production



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



SINGLE/MULTI SPLIT

SINGLESplit

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

All units are supplied with standard remote control

MULTISplit

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

All units are supplied with standard remote control

Name	Type	Serie	Class	Connectable Indoor Units	Size	41M	53M	61M	79M	82M	105M	125M
						Btu/h kW	4,10	5,30	6,20	7,90	8,20	10,5	12,3
ODU-SM 2	Outdoor unit	MU2-Y	► A++ ► A+	Dual (1÷2)			●	●				
			► A++ ► A+	Triple (1÷3)					●	●		
			► A++ ► A	Quadri (1÷4)						●	●	
			► A++ ► A	Penta (1÷5)								●

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

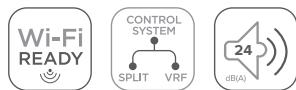
LIGHT COMMERCIAL

DC Inverter

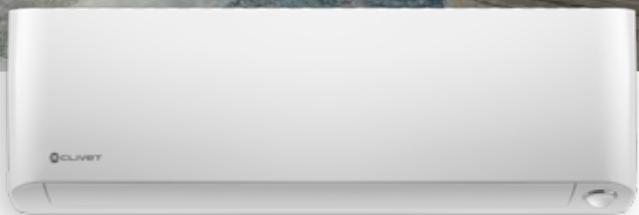
Name	Type	Serie	Class	Size	35M	53M	70M	88M	105M	120M	140T	160T
					Btu/h kW	12.000 3,50	18.000 5,30	24.000 7,00	30.000 8,80	36.000 10,5	42.000 12,0	48.000 14,0	55.000 16,0
BOX 2 650x650	Cassette 650x650	IB3-XY MC3-Y	► A++ ► A+	SINGLE	SINGLE							
BOX 2 950x950	Cassette 950x950	IA3-XY MC3-Y	► A++ ►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

STELVIO 27M ÷ 35M

SINGLESPLIT



► A+++
► A+++



SINGLESPLIT with hiwall indoor unit

WHY CHOOSE STELVIO?

- ✓ Smart management as standard: via smartphone with the NetHome Plus App and voice control setup with Amazon Alexa and Google Assistant
- ✓ Extremely extended operating ranges: Heating -30°C ÷ +30°C; Cooling -15°C ÷ +50°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

5.3

SEER

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

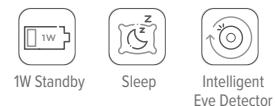


New movement:
restarts at the last settings

COMFORT



ENERGY SAVING



RELIABILITY



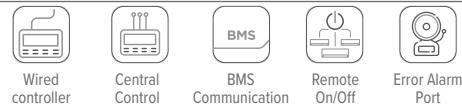
HEALTH



CONVENIENCE



OPTIONAL

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

(necessary kit MBLCX)

REMOTE CONTROL
RG10P1-G2HS-BGEF
(standard)

technical data

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

Indoor unit

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

Outdoor unit

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

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

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

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

Test conditions: according to EN14511 / EN12102

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

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

Data declared according to UE 626/2011 delegated regulation

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 Gas mm / inch	Φ6,35 - 1/4" Φ9,52 - 3/8"	Φ6,35 - 1/4" Φ9,52 - 3/8"

electrical connections

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

accessoires

Standard

RG10P1-G2HS-BGEF Infrared remote control for STELVIO indoor units

NWMX Wi-fi kit for indoor units

Optionals

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

CRISTALLO 2 27M ÷ 70M

SINGLESPLIT
NEW PRODUCT



SINGLESPLIT with hiwall indoor unit

WHY CHOOSE OUTDOOR CRISTALLO 2?

- ✓ ALTO Design panel with strong and elegant lines, matt finished
- ✓ Purification filter: active against odours, dust, VOC, pollen, spores, bacteria
- ✓ Smart management as standard: via smartphone with the NetHome Plus App and voice control setup with Amazon Alexa and Google Assistant
- ✓ SINGLESPLIT/MULTISPLIT compatible

MULTI-DIRECTIONAL AIRFLOW

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



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

BREEZE AWAY

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

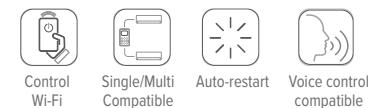
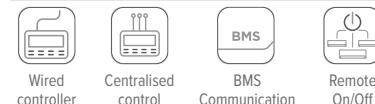
The fan moves at minimum speed.



PURIFICATION FILTER

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



COMFORT**RELIABILITY****CONVENIENCE****ENERGY SAVING****HEALTH****OPTIONAL**Wi-Fi NWMX
(standard)WIRED REMOTE CONTROL
KJR-120X2-TFBG-E
(optional)
(necessary kit MKSS2X)REMOTE CONTROL
RG10A-D2S-BGEF
(standard)

IMA1-Y



MMA1-Y

**technical data**

Set		27M	35M	53M	70M
Cooling capacity	Standard (Min.=Max.)	Btu/h (3.500÷11.000)	12.000	18.000	20.100
	Standard (Min.=Max.)	kW (1,03÷3,22)	(4.700÷14.700)	(11.570÷20.100)	(7.200÷28.000)
Heating capacity	Standard (Min.=Max.)	Btu/h (2.800÷11.500)	10.000	13.000	18.400
	Standard (Min.=Max.)	kW (2,93÷0,82÷3,37)	(3.640÷15.000)	(10.600÷20.000)	(5.300÷28.000)
Standard power supply	Cooling (Min.=Max.)	W (628 (80÷1.100))	1.005 (130÷1.650)	1.550 (560÷2.050)	1.770 (420÷3.200)
	Eating (Min.=Max.)	W (651 (70÷990))	977 (160÷1.560)	1.440 (780÷2.000)	2.130 (300÷3.100)
Rated current input	Cooling (Min.=Max.)	A (2,73 (0,35÷4,78))	4,37 (0,60÷7,20)	6,70 (2,40÷9,00)	7,67 (1,80÷13,9)
	Eating (Min.=Max.)	A (2,83 (0,32÷4,32))	4,24 (0,70÷6,78)	6,23 (3,40÷8,70)	7,70 (1,30÷13,5)
	Cooling	Energy class Design load (Pdesign) SEER	A+++ 2,60 8,80	A+++ 3,50 8,50	A++ 5,30 7,00
Seasonal efficiency ¹	Annual energy consumption	kWh/a Energy class	103 -	144 A++	265 A+
	Heating	Design load (Pdesign)	kW SCOP	2,40 4,60	2,60 4,60
	Average season	Annual energy consumption	kWh/a	730	791
	Heating	Energy class	-	A+++	A+++
	Warmer season	SCOP	-	6,00	6,00
Standard efficiency ²	EER	-	4,20	3,50	3,40
	COP	-	4,50	3,90	3,76

Indoor unit

		IMA1-Y	27M	35M	53M	70M
Article code			89682314	89682313	89682315	89682312
Dimensions	Unit	L x D x H	mm 806x200x295	mm 806x200x295	mm 969x241x320	mm 1083x244x336
	Packaging	L x D x H	mm 875x285x380	mm 875x285x380	mm 1045x315x405	mm 1155x315x415
System weight	Unit/Packaging		kg 8,7/11,5	kg 8,7/11,5	kg 11,2/14,6	kg 13,6/17,3
Air filter	Type				PUF	
Airflow		Hi/Mid/Lo	m ³ /h 510/360/300	m ³ /h 520/370/310	m ³ /h 800/600/500	m ³ /h 1090/770/610
Dehumidification capacity			l/h 1,00	l/h 1,20	l/h 1,80	l/h 2,70
Sound power		Hi	dB(A) 54	dB(A) 55	dB(A) 56	dB(A) 62
Sound pressure level		Hi/Mid/Lo	dB(A) 37/31/22	dB(A) 39/33/22	dB(A) 41/37/31	dB(A) 46/37/35
Control systems	Infrared remote control				RG10A4-D2S-BGEF	
	Settable temperature				16÷30	
Power supply	Voltage/Frequency/Phases		V/Hz/n°		230 / 50 / 1	

Outdoor unit

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

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

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

PUF = Purifier

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

Test conditions:

according to EN14511 / EN12102

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

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

Data declared according to UE 626/2011 delegated regulation

refrigerant piping and connections

Set		27M	35M	53M	70M
Lunghezza equivalente max	m	25	25	30	50
Dislivello max ODU / IDU	m	±10	±10	±20	±25
Precarica refrigerante	kg / m	0,62 / 5	0,62 / 5	1,10 / 5	1,45 / 5
Diametri esterni	Liquido Gas	mm / inch mm / inch	Φ6,35 - 1/4" Φ9,52 - 3/8"	Φ6,35 - 1/4" Φ9,52 - 3/8"	Φ6,35 - 1/4" Φ12,7 - 1/2" Φ15,9 - 5/8"

electrical connections

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

accessoires

Standard

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

NWMX Wi-fi kit for indoor units

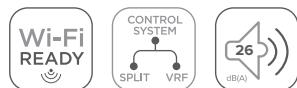
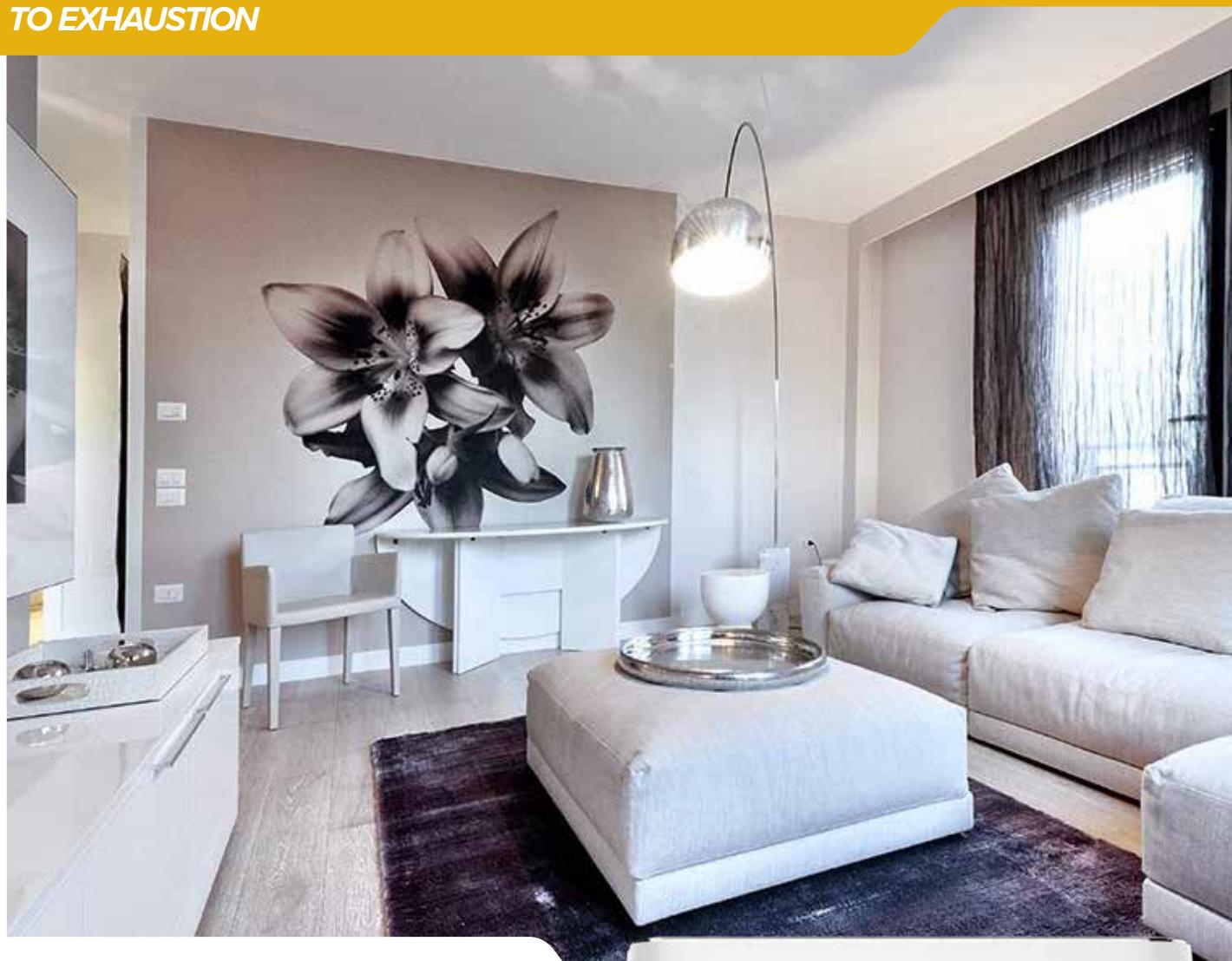
Optionals

MKSS2X	PREVIEW	Multifunction board that makes the indoor unit available for Remote ON / OFF, Alarm port and XYE Port (required for connection of Wired controller, Centralized wired controller, Data Converter, BMS Gateway) <i>The ON-OFF/Alarm/XYE/Wi-Fi port functions can be used simultaneously</i>
Control systems		(learn more at Control System page)

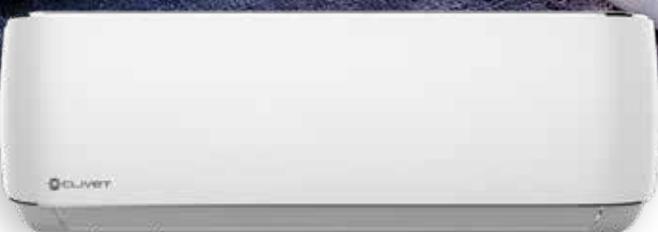
CRISTALLO 27M ÷ 70M

TO EXHAUSTION

SINGLESPLIT



► A++
► A+



SINGLESPLIT with hiwall indoor unit

WHY CHOOSE CRISTALLO?

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

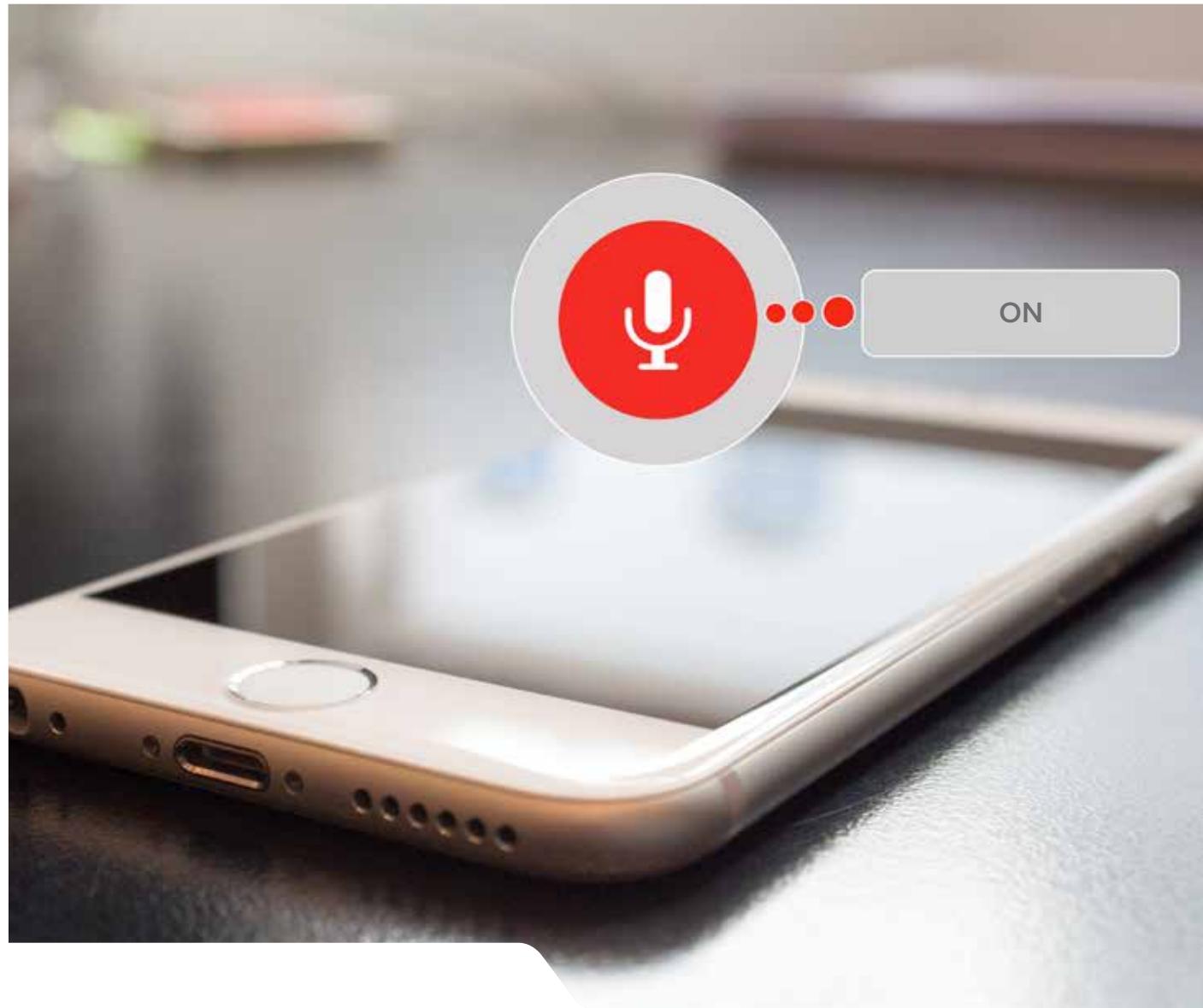
MULTI-DIRECTIONAL AIRFLOW

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



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

SINGLESPLIT



COMFORT				RELIABILITY			CONVENIENCE				ENERGY SAVING	
Super Silent	12 Indoor Fan Speeds Levels	Anti-cold air	Multidirectional Airflow	Self-diagnosis Function	Emergency Function	Opposite fan rotation	WiFi Control	Single/Multi Compatible	Auto-restart	Voice control compatible	1W Standby	Sleep
HEALTH												
High Density filter	Cold Catalyst filter	Self-Cleaning	Wired controller	Centralised control	BMS Communication	Remote On/Off	Wi-Fi NWMX (standard)	WIRED REMOTE CONTROL KJR-120X1-TFBG-E (optional)	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 (11.600÷20.000)	24.000 (7.200÷28.000)
	Standard (Min.:Max.)	kW	2,64 (1,03÷3,22)	3,52 (1,38÷4,31)	5,27 (3,39÷5,90)	7,03 (2,11÷8,44)
Heating capacity	Standard (Min.:Max.)	Btu/h	10.000 (2.800÷11.500)	13.000 (3.700÷15.000)	19.000 (10.600÷20.000)	25.000 (5.300÷28.000)
	Standard (Min.:Max.)	kW	2,93 (0,82÷3,37)	3,81 (1,08÷4,40)	5,57 (3,10÷5,85)	7,33 (1,56÷8,20)
Standard power supply	Cooling (Min.:Max.)	W	740 (80÷1.100)	1.140 (120÷1.650)	1.550 (560÷2.050)	2.510 (420÷3.200)
	Eating (Min.:Max.)	W	780 (70÷990)	1.080 (110÷1.480)	1.500 (780÷2.000)	2.130 (300÷3.100)
Rated current input	Cooling (Min.:Max.)	A	4,95 (0,35÷4,78)	5,10 (0,50÷7,20)	6,7 (2,40÷9,00)	10,9 (1,80÷13,9)
	Eating (Min.:Max.)	A	3,50 (0,32÷4,32)	4,80 (0,50÷6,40)	6,5 (3,40÷8,70)	9,46 (1,40÷14,4)
Seasonal efficiency ¹	Cooling	Energy class	-	A++	A++	A++
		Design load (Pdesign)	kW	2,70	3,50	5,30
		SEER	-	6,90	7,00	7,00
		Annual energy consumption	kWh/a	137	180	265
Seasonal efficiency ¹	Heating	Energy class	-	A+	A+	A+
	Average season	Design load (Pdesign)	kW	2,70	2,90	4,10
		SCOP	-	4,00	4,10	4,00
		Annual energy consumption	kWh/a	945	990	1.435
Seasonal efficiency ¹	Heating	Energy class	-	A+++	A+++	A+++
	Warmer season	SCOP	-	5,30	5,40	5,10
Standard efficiency ²	EER	-	-	3,56	3,27	3,23
	COP	-	-	3,76	3,71	3,80

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

Outdoor unit		MM2-Y	27M	35M	53M	70M
Article code			89122244	8912224	87032220	88072297
Dimensions	Unit	L x D x H	mm	720x270x495	720x270x495	805x330x554
	Packaging	L x D x H	mm	835x300x540	835x300x540	915x370x615
System weight	Unit/Packaging		kg	23,2/25,0	23,2/25,0	33,5/36,1
Sound power	Nominal	dB(A)	63	63	65	67
Sound pressure level	Nominal	dB(A)	56	56	56	61
	Indoor T.	°C			17÷32	
Operating range	Outdoor T.	°CBS			-15÷50	
	Indoor T.	°C			0÷30	
Heating	Outdoor T.	°CBU		-15÷30		-20÷30
Refrigerant	Type/GWP				R-32 / 675	
Power supply	Voltage/Frequency/Phases		V/Hz/n°		230 / 50 / 1	

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

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

CCF = Cold Catalyst

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

Test conditions:
according to EN14511 / EN12102

refrigerant piping and connections

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

electrical connections

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

accessoires

Standard

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

NWMX Wi-fi kit for indoor units

Optionals

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

Control systems (learn more at Control System page)

EZCool 27M ÷ 70M

SINGLESPLIT



RELAX
4
YEARS

► A++
► A+



SINGLESPLIT with hiwall indoor unit

WHY CHOOSE EZCool?

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

FOLLOW-ME FUNCTION

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



SINGLESPLIT

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

CONTROL BY SMARTPHONE

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



COMFORT				RELIABILITY			CONVENIENCE			ENERGY SAVING			HEALTH	

Stepless outdoor fan speed
Super Silent
Anti-cold air
Multidirectional Airflow
Self-diagnosis Function
Emergency Function
Opposite fan rotation
Single/Multi Compatible
Auto-restart
1W Standby
Sleep
Gear
High Density filter
Cold Catalyst filter



technical data

Set			27M	35M	53M	70M
Cooling capacity	Standard (Min.=Max.)	Btu/h	9.000 (3.100÷11.600)	12.000 (3.800÷14.200)	18.000 (11.570÷20.130)	20.070 (7.200÷28.000)
	Standard (Min.=Max.)	kW	2,60 (0,90÷3,40)	3,50 (1,10÷4,20)	5,27 (3,40÷5,90)	5,88 (2,11÷8,20)
Heating capacity	Standard (Min.=Max.)	Btu/h	10.000 (2.800÷11.500)	13.000 (3.700÷14.400)	18.400 (10.580÷19.960)	22.730 (5.300÷28.000)
	Standard (Min.=Max.)	kW	2,90 (0,80÷3,40)	3,80 (1,10÷4,20)	5,39 (3,10÷5,85)	6,66 (1,55÷8,20)
Standard power supply	Cooling (Min.=Max.)	W	799 (100÷1.240)	1.088 (130÷1.580)	1.550 (560÷2.050)	1.765 (420÷3.200)
	Eating (Min.=Max.)	W	789 (120÷1200)	1.020 (100÷1680)	1.440 (780÷2.000)	2.130 (300÷3.100)
Rated current input	Cooling (Min.=Max.)	A	3,47 (0,40÷5,40)	4,73 (0,50÷6,90)	6,70 (2,40÷9,00)	7,67 (1,80÷13,9)
	Eating (Min.=Max.)	A	3,43 (0,50÷5,20)	4,42 (0,40÷6,90)	6,23 (3,40÷8,70)	7,70 (1,30÷13,5)
Seasonal efficiency ¹	Cooling	Energy class	-	A++	A++	A++
		Design load (Pdesign)	kW	2,60	3,50	5,30
		SEER	-	6,20	6,10	7,00
		Annual energy consumption	kWh/a	147	201	265
Seasonal efficiency ¹	Heating	Energy class	-	A+	A+	A+
	Average season	Design load (Pdesign)	kW	2,30	2,60	4,20
		SCOP	-	4,00	4,00	4,00
		Annual energy consumption	kWh/a	804	906	1.470
Seasonal efficiency ¹	Heating	Energy class	-	A+++	A+++	A+++
	Warmer season	SCOP	-	5,10	5,10	5,10
				3,30	3,23	3,40
				3,71	3,74	3,76
Standard efficiency ²	COP	-	-	-	-	-
Indoor unit		ILA1-Y	27M	35M	53M	70M
Article code			89472265	89472270	89472264	89472267
Dimensions	Unit	L x D x H	mm	726x210x291	835x208x295	969x241x320
Packaging	Packaging	L x D x H	mm	790x270x375	905x290x355	1045x315x405
System weight	Unit/Packaging		kg	7,80/10,1	8,40/11,0	11,2/14,6
Air filter	Type		-			CCF
Airflow	Hi/Mid/Lo	m ³ /h	451/325/255	575/493/454	800/600/500	1090/770/610
Dehumidification capacity		l/h	1,00	1,20	1,80	2,70
Sound power	Hi	dB(A)	52	54	56	62
Sound pressure level	Hi/Mid/Lo	dB(A)	37/29/26	38/29/25	41/37/31	46/37/35
Control systems	Infrared remote control		-		RG10A4-D2S-BGEF	
Settable temperature		°C			16÷30	
Power supply	Voltage/Frequency/Phases	V/Hz/n°			230 / 50 / 1	

Outdoor unit		MLA1-Y	27M	35M	53M	70M
Article code			88292245	88292244	88292242	88292243
Dimensions	Unit	L x D x H	mm	720x270x495	720x270x495	805x330x554
Packaging	Packaging	L x D x H	mm	835x300x540	835x300x540	915x370x615
System weight	Unit/Packaging		kg	23,2/25,0	23,2/25,0	33,5/36,1
Sound power	Nominal	dB(A)	60	64	65	67
Sound pressure level	Nominal	dB(A)	56	56	57	60
Operating range	Cooling	Indoor T.	°C		16÷32	
		Outdoor T.	°CBS		-15÷50	
	Heating	Indoor T.	°C		0÷30	
		Outdoor T.	°CBU		-15÷24	
Refrigerant	Type/GWP		-		R-32 / 675	
Power supply	Voltage/Frequency/Phases	V/Hz/n°			230 / 50 / 1	

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

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

refrigerant piping and connections

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

electrical connections

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

accessoires

Standard

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

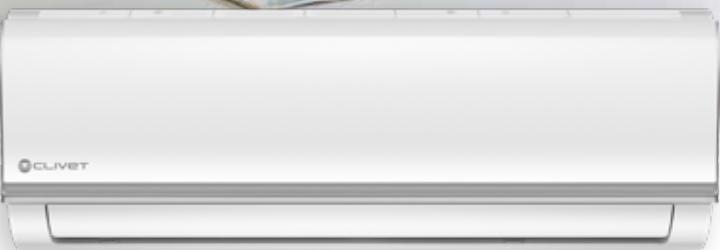
Optionals

NWMX

Wi-Fi kit for indoor units



►A++
►A+



SINGLE Split / MULTI Split with Hiwall indoor unit

WHY CHOOSE NATIV?

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

MULTI-DIRECTIONAL AIRFLOW

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



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

SINGLESPLIT

FOLLOW-ME FUNCTION

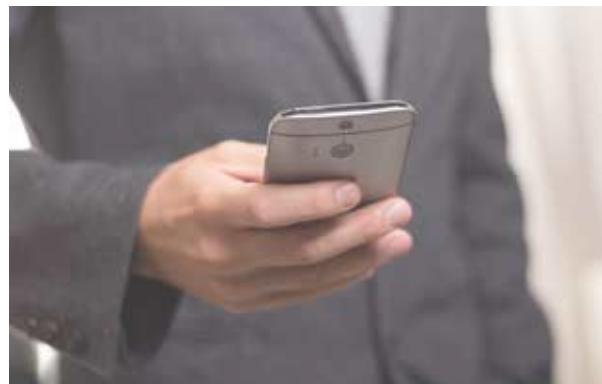
The system gives priority to the temperature sensor in the remote control and adjusts itself accordingly.



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

CONTROL BY SMARTPHONE

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



COMFORT**RELIABILITY****CONVENIENCE****ENERGY SAVING****HEALTH****OPTIONAL****technical data**

Set		27M	35M	53M	70M
Cooling capacity	Standard (Min.^Max.)	Btu/h (3.100÷11.600)	9.000 (3.800÷14.200)	12.000 (4.200÷19.900)	18.000 (7.100÷27.000)
	Standard (Min.^Max.)	kW 2,64 (0,91÷3,40)	3,52 (1,11÷4,20)	5,27 (1,22÷5,83)	7,03 (2,08÷7,91)
Heating capacity	Standard (Min.^Max.)	Btu/h (2.800÷11.500)	10.000 (3.700÷14.400)	13.000 (4.600÷20.000)	19.000 (5.500÷27.000)
	Standard (Min.^Max.)	kW 2,93 (0,82÷3,70)	3,81 (1,09÷4,22)	5,57 (1,35÷5,85)	7,33 (1,61÷7,91)
Standard power input	Cooling (Min.^Max.)	W 732 (100÷1.240)	1.213 (130÷1.580)	1.550 (560÷2.050)	2.600 (420÷3.150)
	Heating (Min.^Max.)	W 733 (120÷1.200)	1.088 (100÷1.680)	1.570 (780÷2.000)	2.400 (300÷2.750)
Rated current input	Cooling (Min.^Max.)	A 3,18 (0,40÷5,40)	5,27 (0,50÷6,90)	6,70 (2,40÷8,90)	11,5 (1,80÷13,8)
	Heating (Min.^Max.)	A 3,18 (0,50÷5,20)	4,73 (0,40÷6,90)	6,80 (3,40÷8,70)	11,0 (1,30÷12,2)
Seasonal efficiency ¹	Cooling	Energy efficiency class	-	A++	A++
		Design load (Pdesign)	kW 2,80	3,60	5,20
		SEER	-	6,30	6,10
	Heating	Annual energy consumption	kWh/a 156	211	247
		Energy efficiency class	-	A+	A+
		Design load (Pdesign)	kW 2,60	2,70	4,10
	Average season	SCOP	-	4,00	4,00
		Annual energy consumption	kWh/a 910	945	1.435
		Energy efficiency class	-	A+++	A+++
Standard efficiency ²	Heating	SCOP	-	5,10	5,10
		Annual energy consumption	kWh/a 5,10	5,10	4,80
Standard efficiency ²	EER	-	3,60	3,28	3,54
	COP	-	3,92	3,71	3,83

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	Packaging	L x P x A	mm 870x270x365	870x270x365	1035x295x385	1120x315x405
Weight	Unit/Packaging		kg 7,60/9,70	7,60/9,80	10,0/13,0	12,3/15,8
Air filter	Type				CCF	
Airflow	Hi/Mid/Lo	m ³ /h	466/360/325	540/430/314	840/680/540	980/817/662
Dehumidification capacity		I/h	1.00	1,20	1,80	2,70
Sound power level	Hi	dB(A) 54	55	56	56	59
Sound pressure level	Hi/Mid/Lo	dB(A) 39/32/25	41/35/25	43/36/26	45/41/36	
Control systems	Infrared remote control	-		RG10A4-D-BGEF		
	Settable temperature			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	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	63	67
Sound pressure level	Nominal	dB(A) 56	56	56	56	59
Operating range	Cooling	Indoor T. Outdoor T.	°C °CBS		17÷32 -15÷50	
	Heating	Indoor T. Outdoor T.	°C °CBU		0÷30 -15÷30	
Refrigerant	Type/GWP	-		R-32 / 675		
Power supply	Voltage/Frequency/Phases		V/Hz/n°		230 / 50 / 1	

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

CCF = Cold Catalyst

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

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

refrigerant piping and connections

Set		27M	35M	53M	70M
Max equivalent length	m	25	25	30	50
Max difference in level ODU / IDU	m	10	10	20	25
Refrigerant precharge	kg / m	0,55 / 5	0,55 / 5	1,08 / 5	1,42 / 5
External diameters	Liquid mm / inch	Φ6,35 - 1/4"	Φ6,35 - 1/4"	Φ6,35 - 1/4"	Φ9,52 - 3/8"
	Gas mm / inch	Φ9,52 - 3/8"	Φ9,52 - 3/8"	Φ12,7 - 1/2"	Φ15,9 - 5/8"

electrical connections

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

accessories

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

Optionals	
Control systems	(learn more at Control System page)

MULTISplit

MULTISplit

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



OUTDOOR/INDOOR UNIT COMBINATION

OUTDOOR UNIT	ENERGY CLASS ¹	WALL MOUNTED INTERNAL UNIT														NATIV			
		CRISTALLO 2 IMA1-XY				CRISTALLO IM2-XY				EZCool ILA1-Y				IZ2-XY					
Outdoor unit	Cooling/Heating.	27M	35M	53M	70M	20M	27M	35M	53M	70M	27M	35M	53M	70M	27M	35M	53M	70M	
MU2-Y 41M	A++/A+	.	.	.	-	.	.	.	.	-	.	.	.	-	.	.	.	-
MU2-Y 53M	A++/A+	.	.	.	-	.	.	.	.	-	.	.	.	-	.	.	.	-
MU2-Y 61M	A++/A+	.	.	.	-	.	.	.	.	-	.	.	.	-	.	.	.	-
MU2-Y 79M	A++/A+	.	.	.	-	.	.	.	.	-	.	.	.	-	.	.	.	-
MU2-Y 82M	A++/A+	.	.	.	-	.	.	.	.	-	.	.	.	-	.	.	.	-
MU2-Y 105M	A++/A	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
MU2-Y 125M	A++/A	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

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

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

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



MULTISplit

►A++
►A+

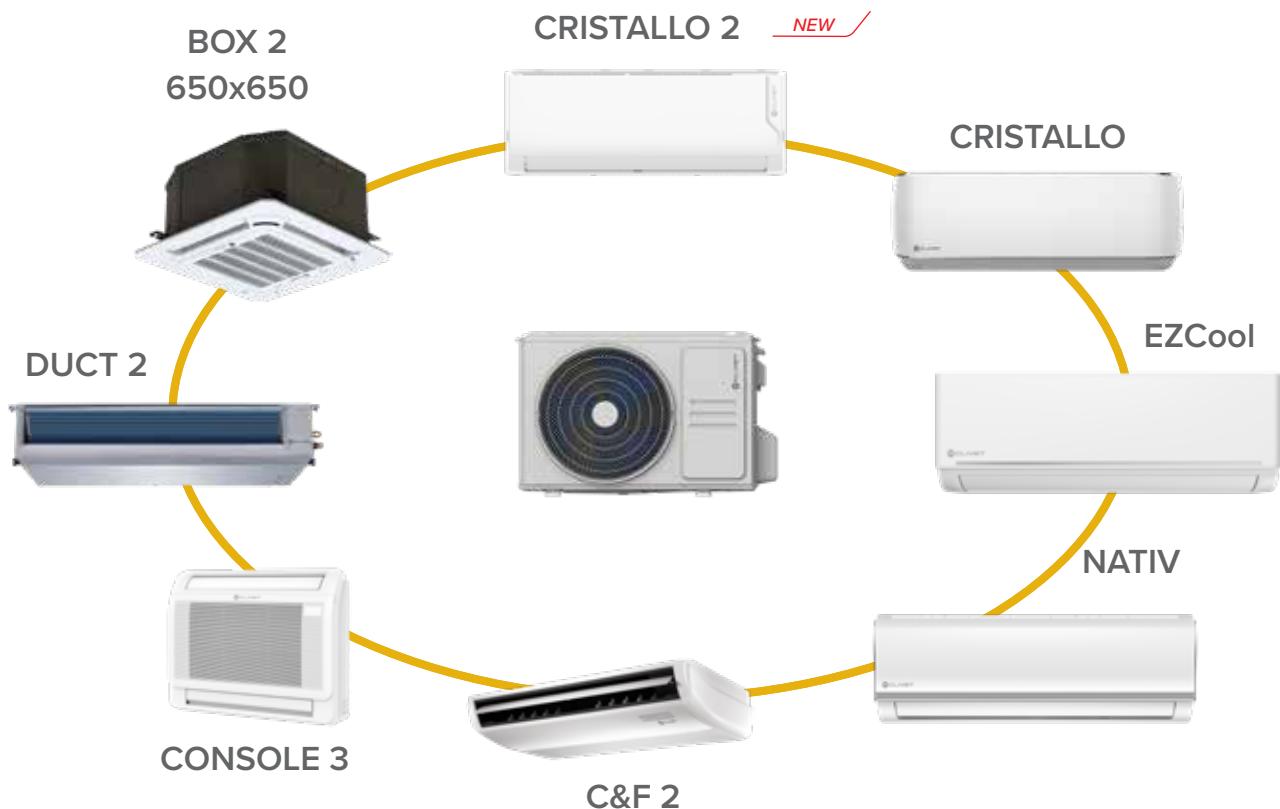


Outdoor unit for MULTISplit systems

WHY CHOOSE OUTDOOR UNIT-SM 2?

- ✓ From 1 up to 5 connectable indoor units, also of different types
- ✓ Rapid installation: automatic correction of the connection errors
- ✓ Extremely extended operating ranges: Heating -15°C ÷ +24°C; Cooling -15°C ÷ +50°C

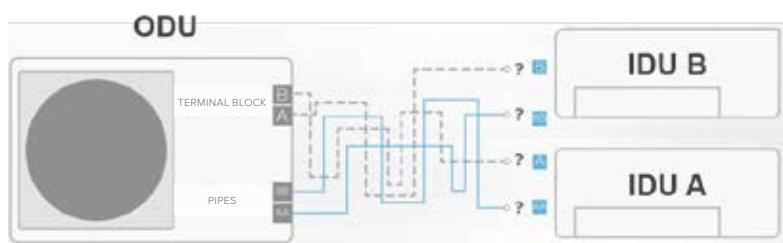
INCREASED INDOOR UNIT RANGE



AUTOMATIC CORRECTION FUNCTION OF PIPING/WIRING ERRORS

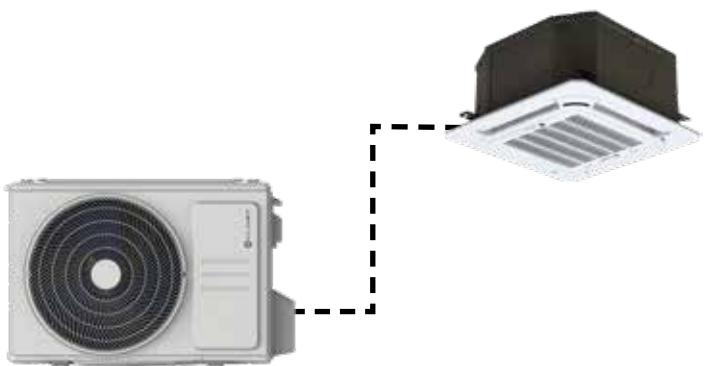
The unit reassigned the communication, correcting any wiring errors.

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



EVEN ONLY ONE COLLECTABLE IDU

Possibility to add more indoor units after the first installation.



COMFORT **CONVENIENCE** **RELIABILITY**



7 Outdoor Fan
Speeds Levels



Automatic correction of
the connection errors



Opposite
fan rotation



MU2-Y (41M÷53M)



MU2-Y (61M÷79M)



MU2-Y (82M÷125M)

technical data

Outdoor unit	MU2-Y	41M	53M	61M	79M	82M	105M	125M
Article code		87012281	89112242	89092251	89112265	89092231	89112261	89132206
Connectable Indoor Units	Min÷Max	-	1÷2 (DUAL)	1÷2 (DUAL)	1÷3 (TRIPLE)	1÷3 (TRIPLE)	1÷4 (QUADRI)	1÷5 (PENTA)
Cooling capacity	Standard ¹ (Min÷Max)	Btu/h	14.000 (5.000÷16.500)	18.000 (7.600÷19.000)	21.000 (6.800÷22.500)	27.000 (10.200÷29.000)	28.000 (7.000÷33.600)	36.000 (10.800÷42.000)
	Standard ¹ (Min÷Max)	kW	4,10 (1,47÷4,83) (2,23÷5,57)	5,30 (2,00÷6,59)	6,20 (3,00÷8,49)	7,90 (2,05÷9,84)	8,20 (10,5 (2,05÷10,5)	12,3 (3,16÷12,3)
Heating capacity	Standard ² (Min÷Max)	Btu/h	15.000 (5.500÷16.500)	19.000 (8.000÷19.200)	22.000 (4.900÷22.800)	28.000 (7.500÷29.000)	30.000 (8.000÷36.000)	37.000 (8.000÷38.000)
	Standard ² (Min÷Max)	kW	4,40 (1,61÷4,83) (2,34÷5,63)	5,57 (2,34÷5,63)	6,45 (1,45÷6,68)	8,20 (2,20÷8,50)	8,80 (2,34÷10,5)	10,8 (2,34÷11,1)
Dimensions	Unit	L x D x H	mm	805x330x554	805x330x554	890x342x673	890x342x673	946x410x810
Packaging		L x D x H	mm	915x370x615	915x370x615	1030x438x750	1030x438x750	946x410x810
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
Sound power			Nominal	65	65	68	68	70
Sound pressure level			Nominal	56	56	58	58	61
Operating Voltage Range	Cooling	Outdo- or T.	°CBS			-15÷50		
	Heating	Outdo- or 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

refrigerant piping and connections

Outdoor unit	41M	53M	61M	79M	82M	105M	125M
Max equivalent length (Total)	m	40	40	60	80	80	80
Max equivalent length (Each branch)	m	25	25	30	35	35	35
Max difference in level ODU / IDU	m	±15	±15	±15	±15	±15	±15
Max difference in level IDU / IDU	m	±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)
	Liquid	mm / inch	2 x (Φ6,35 - 1/4")	2 x (Φ6,35 - 1/4")	3 x (Φ6,35 - 1/4")	4 x (Φ6,35 - 1/4")	4 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") + 1 x (Φ12,7 - 1/2")	4 x (Φ9,52 - 3/8") + 1 x (Φ12,7 - 1/2")

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

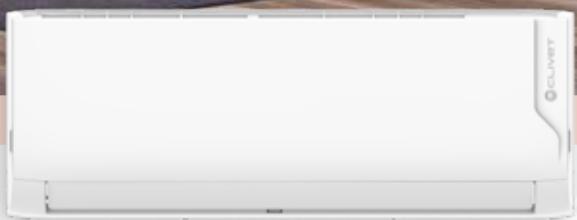
electrical connections

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

CRISTALLO 2 27M ÷ 70M

NEW PRODUCT

MULTISPLIT



Hiwall indoor unit for MULTI Split systems

WHY CHOOSE OUTDOOR CRISTALLO 2?

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

MULTIDIRECTIONAL AIRFLOW

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



VOICE CONTROL



COMFORT



Stepless Indoor Fan Speed



Anti-cold air



Multidirectional Airflow

RELIABILITY



Self-diagnosis Function
Auto Defrosting Function

CONVENIENCE



Control Wi-Fi
Single/Multi Compatible

Voice control compatible

Auto-restart

ENERGY SAVING



Sleep

Gear

HEALTH



High Density filter

Cold Catalyst filter

Purification filter

OPTIONAL



Wired controller
Wi-Fi NWMX (standard)

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

BMS Communication
REMOTE CONTROL RG10A-D2S-BGEF (standard)



IMA1-Y

NEW

technical data

Indoor unit

		IMA1-Y	27M	35M	53M	70M
Article code			89682314	89682313	89682315	89682312
Cooling capacity	Nominal		Btu/h kW	9.000 2,64	12.000 3,52	18.000 5,30
Heating capacity	Nominal		Btu/h kW	10.000 2,93	13.000 3,81	19.000 5,57
Dimensions	Unit	L x D x H	mm	806x200x295	806x200x295	969x241x320
	Packaging	L x D x H	mm	875x285x380	875x285x380	1045x315x405
System weight	Unit/Packaging		kg	8,7/11,5	8,7/11,5	11,2/14,6
Air filter	Type				PUF	13,6/17,3
Airflow			m³/h	510/360/300	520/370/310	800/600/500
Sound power			dB(A)	54	55	56
Sound pressure level			dB(A)	37/31/22	39/33/22	41/37/31
Operating Voltage Range	Cooling Heating	Indoor T Indoor T	°C		17-32 0-30	1090/770/610
Refrigerant piping	External diameters	Liquid-Gas	mm inch.	Φ6,35 - Φ9,52 1/4" - 3/8"	Φ6,35 - Φ9,52 1/4" - 3/8"	Φ6,35 - Φ12,7 1/4" - 1/2"
Control system	Infrared remote control Settable temperature		°C		RG10A4-D2S-BGEF 16-30	Φ9,52 - Φ15,9 3/8" - 5/8"
Power supply	Voltage/Frequency/Phases		V/Hz/n°		230 / 50 / 1	

Fan speed:

i=High; Mid=Medium; Lo=Low; Si=Silent

PUF= Purificator

Test conditions:

according to EN14511 / EN12102

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

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

Data declared according to UE 626/2011 delegated regulation

accessoires

Standard

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

NWMX Wi-fi kit for indoor units

Options

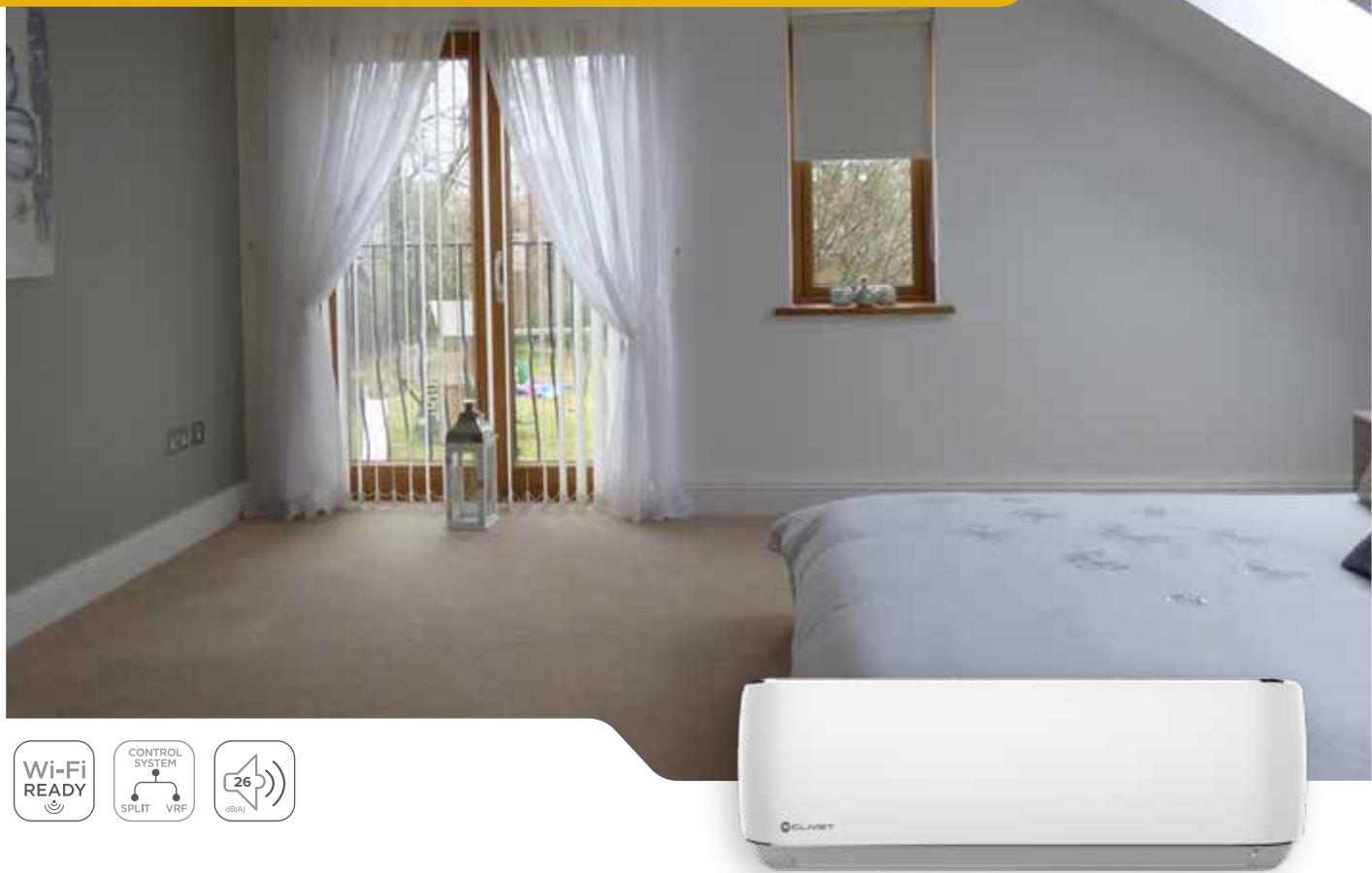
MKSS2X **PREVIEW** Multifunction board that makes the indoor unit available for Remote ON / OFF, Alarm port and XYE Port (required for connection of Wired controller, Centralized wired controller, Data Converter, BMS Gateway)
The ON-OFF/Alarm/XYE/Wi-Fi port functions can be used simultaneously

Control Systems (see dedicated section)

CRISTALLO 27M ÷ 70M

TO EXHAUSTION

MULTISPLIT



Hiwall indoor unit for MULTI Split systems

WHY CHOOSE CRISTALLO?

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

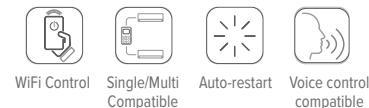
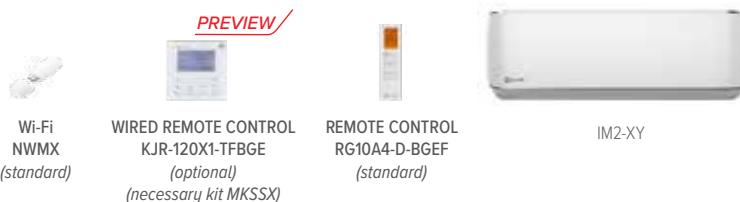
MULTIDIRECTIONAL AIRFLOW

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



VOICE CONTROL



COMFORT**RELIABILITY****CONVENIENCE****ENERGY SAVING****HEALTH****OPTIONAL****technical data****Indoor unit**

		IM2-XY	27M	35M	53M	70M
Article code			89102292	88052293	87032222	88072296
Cooling capacity	Nominal	Btu/h kW	9.000 2,60	12.000 3,50	18.000 5,30	24.000 7,00
Heating capacity	Nominal	Btu/h kW	9.500 2,80	13.000 3,80	19.000 5,60	25.000 7,30
Dimensions	Unit	L x D x H	722x187x290	802x189x297	965x215x319	1080x226x335
	Packaging	L x D x H	790x270x375	875x285x380	1045x305x410	1155x320x415
System weight	Unit/Packaging	kg	7,30/9,70	8,60/11,1	10,9/14,2	13,7/17,3
Air filter	Type	-				
Airflow		m³/h	416/309/230	584/477/395	730/500/420	1020/830/640
Sound power		dB(A)	54	56	58	63
Sound pressure level		dB(A)	39/31/23	42/35/25	43/34/28	47/42/31
Operating Voltage Range	Cooling	Indoor T	°C		17-32	
	Heating	Indoor T	°C		0-30	
Refrigerant piping	External diameters	Liquid-Gas	mm inch.	Φ6,35 - Φ9,52 1/4" - 3/8"	Φ6,35 - Φ9,52 1/4" - 3/8"	Φ6,35 - Φ12,7 1/4" - 1/2" Φ9,52 - Φ15,9 3/8" - 5/8"
Control system	Infrared remote control Settable temperature		-		RG10A4-D-BGEF	
Power supply	Voltage/Frequency/Phases		V/Hz/n°		230 / 50 / 1	

Fan speed:

i=High; Mid=Medium; Lo=Low; Si=Silent

CCF = Cold Catalyst

Test conditions:

according to EN14511 / EN12102

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

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

Data declared according to UE 626/2011 delegated regulation

* TO EXHAUSTION

accessoires**Standard**

RG10A4-D-BGEF	Infrared remote control for CRISTALLO indoor units
NWMX	Wi-fi kit for indoor units

Optionals

MKSSX	Multifunction board providing remote ON/OFF and XYE port (required for connection of single unit wired control, central wired control, Data Converter, Gateway BMS) <i>Only one function among ON-OFF/Alarm/XYE/Wi-Fi can be used simultaneously</i>
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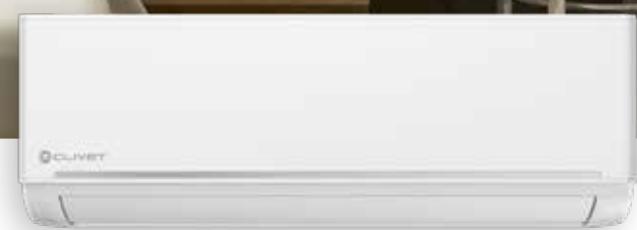
Control Systems	(see dedicated section)
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EZCool 27M ÷ 70M

MULTISPLIT



RELAX
4
YEARS



Hiwall indoor unit for MULTI Split systems

WHY CHOOSE EZCool?

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

FOLLOW-ME



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

VOICE CONTROL



Optional

COMFORT



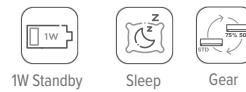
RELIABILITY



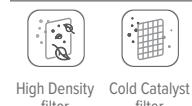
CONVENIENCE



ENERGY SAVING



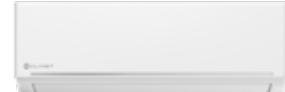
HEALTH



Wi-Fi
NWMX
(optional)



REMOTE CONTROL
RG10A-D2S-BGEF
(standard)



ILA1-Y



MLA1-Y

technical data

Indoor unit

		ILA1-Y	27M	35M	53M	70M
Article code			89472265	89472270	89472264	89472267
Cooling capacity	Nominal		Btu/h kW	9.000 2.64	12.000 3.52	18.000 5.30
Heating capacity	Nominal		Btu/h kW	10.000 2.93	13.000 3.81	19.000 5.57
Dimensions	Unit Packaging	L x D x H	mm mm kg	726x210x291 790x270x375 7,80/10,1	835x208x295 905x290x355 8,40/11,0	969x241x320 1045x315x405 11,2/14,6
System weight	Unit/Packaging					1083x244x336 1155x315x415
Air filter	Type				CCF	13,6/17,3
Airflow			m³/h	451/325/255	575/493/454	800/600/500
Sound power			dB(A)	52	54	56
Sound pressure level			dB(A)	37/29/26	38/29/25	41/37/31
Operating Voltage Range	Cooling Heating	Indoor T Indoor T	°C °C		17-32 0-30	46/37/35
Refrigerant piping	External diameters	Liquid-Gas	mm inch.	Φ6,35 - Φ9,52 1/4" - 3/8"	Φ6,35 - Φ9,52 1/4" - 3/8"	Φ6,35 - Φ12,7 1/4" - 1/2"
Control system	Infrared remote control				RG10A4-D2S-BGEF	Φ9,52 - Φ15,9 3/8" - 5/8"
Settable temperature	Settable temperature		°C		16-30	
Power supply	Voltage/Frequency/Phases		V/Hz/n°		230 / 50 / 1	

Fan speed:

i=High; Mid=Medium; Lo=Low; Si=Silent

CCF = Cold Catalyst

Test conditions:

according to EN14511 / EN12102

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

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

Data declared according to UE 626/2011 delegated regulation

accessoires

Standard

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

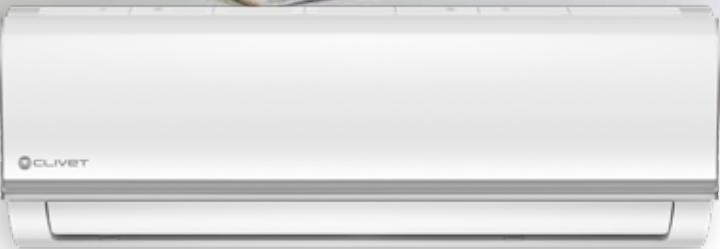
Optionals

NWMX

Wi-Fi kit for indoor units



►A++
►A+



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

WHY CHOOSE NATIV?

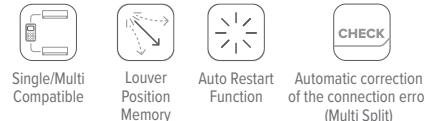
- ✓ Full range: SINGLE Split 9.000 ÷ 24.000 Btu/h, MULTI Split 9.000 ÷ 24.000 Btu/h
- ✓ SINGLE Split/MULTI Split compatible
- ✓ Optional: Wi-Fi for the remote management with NetHome Plus application for Android and iOS

COMFORT

12-grades indoor Fan speed
Anti-cold air Function
Temperature compensation

RELIABILITY

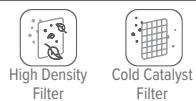
Self-diagnosis Function
Auto defrosting

CONVENIENCE

Single/Multi Compatible
Louver Position Memory
Auto Restart Function
Automatic correction of the connection error (Multi Split)

ENERGY SAVING

Sleep mode

HEALTH

High Density Filter
Cold Catalyst Filter

OPTIONAL

WiFi Control



Wi-Fi
NWMX
(optional)



REMOTE
CONTROL
RG10A-D-BGEF
(standard)



IZ2-XY

MULTISPLIT

technical data**Indoor unit**

		IZ2-XY	27M	35M	53M	70M
Article code			89472260	89472262	89472261	89472263
Cooling capacity	Standard		Btu/h 9.000 kW 2,64	12.000 3,52	18.000 5,30	24.000 7,03
Heating capacity	Standard		Btu/h 10.000 kW 2,93	13.000 3,81	19.000 5,57	25.000 7,33
Dimensions	Unit L x P x A	mm 805x194x285	805x194x285	957x213x302	1040x220x327	
Packaging	L x P x A	mm 870x270x365	870x270x365	1035x295x385	1120x315x405	
Weight	Unit/Packaging	kg 7,60/9,70	7,60/9,80	10,0/13,0	12,3/15,8	
Air filter	Type	-		CCF		
Airflow		m³/h 466/360/325	540/430/314	840/680/540	980/817/662	
Sound power level		dB(A) 54	55	56	59	
Sound pressure level		dB(A) 39/32/25	41/35/25	43/36/26	45/41/36	
Operating range	Cooling Indoor T. Heating Indoor T.	°C 17÷32 °C 0÷30				
Refrigerant piping	External diameters	Liquid-Gas mm Φ6,35 - Φ9,52 inch. 1/4" - 3/8"	Φ6,35 - Φ9,52 1/4" - 3/8"	Φ6,35 - Φ12,7 1/4" - 1/2"	Φ9,52 - Φ15,9 3/8" - 5/8"	
Control systems	Infrared remote control Settable temperature	- °C 17÷30		RG10A4-D-BGEF		
Power supply	Voltage/Frequency/Phases	V/Hz/n°		230 / 50 / 1		

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

CCF = Cold Catalyst

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

Test conditions:

according to EN14511 / EN12102

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

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

Data declared according to UE 626/2011 delegated regulation

accessories**Standard**

RG10A4-D-BGEF Standard Wireless remote control fo indoor units CRISTALLO 2 / CRISTALLO / ESSENTIAL 2 / NATIV

Optionals

Control systems (learn more at Control System page)

BOX 2 650X650 27M ÷ 53M

MULTISPLIT



Cassette indoor unit for MULTISplit systems

WHY CHOOSE BOX 2 650x650?

- ✓ MULTI Split/Light Commercial compatible
- ✓ Compact design for standard 60x60cm modules
- ✓ Integrated condensate discharge pump, 750 mm H₂O of static pressure
- ✓ Predisposition to operate with a fresh air fraction

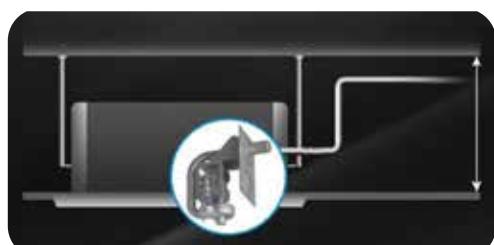
RESERVED REMOTE ON-OFF AND ALARM PORTS

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 H₂O



COMFORT

Anti-cold air

RELIABILITY

Self-diagnosis Function



Auto Defrosting



Condensate drain pump

CONVENIENCE

Remote On/Off Error Alarm Port



Error Alarm



Auto-restart



Timer

ENERGY SAVING

Sleep

HEALTH

Fresh Air

OPTIONAL

Wired controller



Centralised control



BMS Communication



WiFi Control

PANEL 650X650
T-MBQ4-03B4
(mandatory accessory)Wi-Fi
WF-60A1-C
(optional)WIRED REMOTE
CONTROL
KJR-120X2-TFBG-E
(optional)REMOTE CONTROL
RG10A-D2S-BGEF
(standard)

IB3-XY

technical data**Indoor unit**

		IB3-XY	27M	35M	53M
Article code			89112291	89102297	89102233
Cooling capacity	Nominal		Btu/h kW	9.000 2,64	12.000 3,52
Heating capacity	Nominal		Btu/h kW	10.000 2,93	14.000 4,10
Dimensions	Unit	L x D x H	mm	570x570x260	570x570x260
	Packaging (Unit)	L x D x H	mm	662x662x317	662x662x317
	Panel	L x D x H	mm	647x647x50	647x647x50
	Packaging (Panel)	L x D x H	mm	715x715x123	715x715x123
Weight	Unit / Packaging		kg	14,7/19,3	16,2/21,4
	Panel / Packaging		kg	2,50/4,50	2,50/4,50
Air filter	Type		R/W		
Airflow		Hi/Mid/Lo	m³/h	580/500/450	617/504/415
Sound power		Hi	dB(A)	53	56
Sound pressure level		Hi/Mid/Lo	dB(A)	38/33/29	41/37/34
Operating Voltage Range	Cooling	Indoor T	°C	17:32	
	Heating	Indoor T	°C	0:30	
Refrigerant piping	External diameters	Liquid-Gas	mm inch.	Φ6,35 - Φ9,52 1/4" - 3/8"	Φ6,35 - Φ9,52 1/4" - 3/8"
Control system	Infrared remote control		-		Φ6,35 - Φ12,7 1/4" - 1/2"
	Settable temperature		°C		RG10A-D2S-BGEF
Power supply	Voltage/Frequency/Phases		V/Hz/n°	16:30 230 / 50 / 1	16:30

R/W = Removable/Washable

Test conditions:

according to EN14511 / EN12102

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

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

Data declared according to UE 626/2011 delegated regulation

accessoires**Standard****RG10A-D2S-BGEF**

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

Options**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)

DUCT 2 27M ÷ 53M

MULTISPLIT



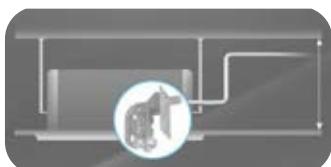
Ductable indoor unit for MULTISPLIT systems

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 H₂O of static pressure

BUILD-IN DRAIN PUMP

Available pressure:
750 mm H₂O



FLEXIBLE INSTALLATION

The air intake can be modified in the building site:

- air intake from rear
- air intake from bottom.



CONSTANT AIRFLOW CONTROL

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



COMFORT

Anti-cold air

RELIABILITY

Self-diagnosis Function



Auto Defrosting



Condensate drain pump

CONVENIENCE

Remote On/Off



Error Alarm Port



Auto-restart

ENERGY SAVING

Sleep

HEALTH

Fresh Air

OPTIONAL

Wired controller



Centralised control



BMS Communication



WiFi Control

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

ID3-XY

technical data**Indoor unit**

		ID3-XY	27M	35M	53M	70M
Article code			89092235	89092219	89132211	89102201
Cooling capacity	Nominal		Btu/h kW	9.000 2,64	12.000 3,52	18.000 5,30
Heating capacity	Nominal		Btu/h kW	10.000 2,93	13.000 3,81	19.000 5,57
Dimensions	Unit	L x D x H mm	700x450x200	700x450x200	880x600x210	1100x700x249
	Packaging	L x D x H mm	860x540x275	860x540x275	1070x725x280	1305x805x315
Weight	Unit/Packaging	kg	18,0/22,0	18,0/22,0	24,3/29,6	32,3/39,1
Air filter	Type	-			R/W	
Airflow		Hi/Mid/Lo	m³/h	500/340/230	600/480/300	880/650/350
External static pressure		Std (Min~Max)	Pa	25 (0~60)	25 (0~60)	25 (0~100)
Sound power		Hi	dB(A)	58	59	62
Sound pressure level		Hi/Mid/Lo	dB(A)	40/35/28	40/35/28	42/38/33
Operating Voltage Range	Cooling	Indoor T	°C		17~32	
	Heating	Indoor T	°C		0~30	
Refrigerant piping	External diameters	Liquid-Gas	mm inch.	Φ6,35 - Φ9,52 1/4" - 3/8"	Φ6,35 - Φ9,52 1/4" - 3/8"	Φ6,35 - Φ12,7 1/4" - 1/2" 3/8" - 5/8"
Control system	Infrared remote control		-		RG10A-D2S-BGEF	
Power supply	Settable temperature		°C		16~30	
	Voltage/Frequency/Phases		V/Hz/n°		230 / 50 / 1	

R/W = Removable/Washable

Test conditions:

according to EN14511 / EN12102

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

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

Data declared according to UE 626/2011 delegated regulation

accessoires**Standard****RG10A-D2S-BGEF**

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

Options**WF-60A1-C**

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

Sistemi di Controllo

(vedi sezione dedicata)

CONSOLE 3 27M ÷ 53M

MULTISPLIT



Console indoor unit for MULTI Split Systems

WHY CHOOSE CONSOLE 3?

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

SUPERSILENT

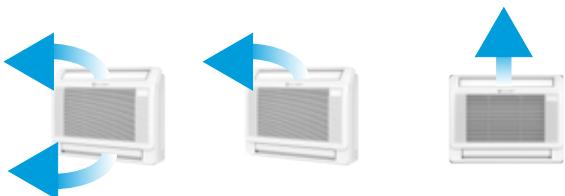
Thanks to the new double tangential fan system, noise is reduced to the lowest of its category.



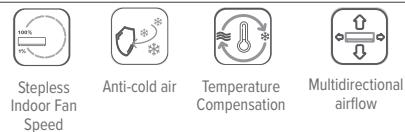
DOUBLE FLOW FOR FRONT RETURN AIR SUPPLY

Selectable air supply:

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



COMFORT



RELIABILITY



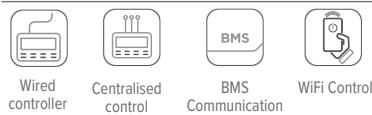
CONVENIENCE



ENERGY SAVING



OPTIONAL



HEALTH



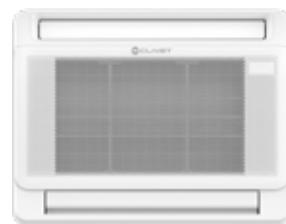
Wi-Fi
NWMX
(optional)



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



REMOTE CONTROL
RG10A-D2S-BGEF
(standard)



IC3-Y

technical data

Indoor unit

		IC3-XY	27M	35M	53M
Article code			89472268	89472266	89472269
Cooling capacity	Nominal	Btu/h	9.000	12.000	17.000
		kW	2,64	3,52	4,98
Heating capacity	Nominal	Btu/h	10.000	13.000	18.000
		kW	2,93	3,81	5,30
Dimensions	Unit	L x D x H	794x206x621	794x206x621	794x206x621
	Packaging	L x D x H	865x280x719	865x280x719	865x280x719
Weight	Unit/Packaging	kg	14,9/18,8	14,9/18,8	14,9/18,8
Air filter	Type	-	R/W		
Airflow		m³/h	650/580/490	650/580/490	780/690/600
Sound power		Hi	dB(A)	54	55
Sound pressure level		Hi/Mid/Lo	dB(A)	37/34/27	37/34/27
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
			inch.	1/4" - 3/8"	1/4" - 1/2"
Control system	Infrared remote control				RG10A-D2S-BGEF
	Settable temperature				16-30
Power supply	Voltage/Frequency/Phases		V/Hz/n°	230 / 50 / 1	

R/W = Removable/Washable

Test conditions:
according to EN14511 / EN12102

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

accessoires

Standard

RG10A-D2S-BGEF

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

Optionals

NWMX

Wi-fi kit for indoor units

Multifunction board that makes the indoor unit available for Remote ON / OFF, Alarm port and XYE Port (required for connection of Wired controller, Centralized wired controller, Data Converter, BMS Gateway)

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

Control systems

(see dedicated section)

CEILING & FLOOR 2 53M

MULTISPLIT



Ceiling and floor indoor unit for MULTISplit systems

WHY CHOOSE CEILING&FLOOR 2?

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

SLIM DESIGN

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



MULTIDIRECTIONAL AIRFLOW

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



COMFORT	RELIABILITY	CONVENIENCE	ENERGY SAVING	HEALTH
Anti-cold air	Multidirectional Airflow	Temperature Compensation	Self-diagnosis Function	Auto Defrosting
<hr/>				
Remote On/Off	Error Alarm Port	Auto Restart	Sleep	Fresh Air
<hr/>				
OPTIONAL				
Wired controller	Centralised control	BMS Communication	WiFi Control	
<hr/>				
WF-60A1-C (optional)	KJR-120X2-TFBG-E (optional)	RG10A-D2S-BGEF (standard)	IF3-XY	

technical data

Indoor unit

Article code	IF3-XY	53M
Cooling capacity Nominal	Btu/h	89092229
	kW	18.000
Heating capacity Nominal	Btu/h	5,30
	kW	19.000
Dimensions Unit	mm	5,57
Packaging L x D x H	mm	1068x675x235
Weight Unit/Packaging	kg	1145x755x318
Air filter Type	-	25,0/29,7
Airflow	m³/h	R/W
Sound power Hi	dB(A)	958/839/723
Sound pressure level Hi/Mi/Lo	dB(A)	57
Operating Voltage Range Cooling	Indoor T	44/41/37
Heating	Indoor T	17-32
Refrigerant piping External diameters	Liquid-Gas	0-30
	mm	Φ6,35 - Φ12,7
Control system Infrared remote control	inch.	1/4" - 1/2"
Settable temperature	-	RG10A-D2S-BGEF
Power supply Voltage/Frequency/Phases	°C	16-30
	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	Infrared remote control for indoor units CRISTALLO 2 / EZCool / BOX 2 / CONSOLE 3 / DUCT 2 / C&F 2
<hr/>	
Options	
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)

COMBINATION TABLES

Outdoor unit: MU2-Y 41M (DUAL)

OUTDOOR UNIT	INDOOR UNIT		COOLING CAPACITY [kW]		TOTAL COOLING CAPACITY [kW]			ABSORBED COOLING CAPACITY [kW]			TOTAL COOLING CURRENT [A]			EER	SEASONAL EFFICIENCY (EN14825)			
	A	B	A	B	Min.	Std.	Max.	Min.	Std.	Max.	Min.	Std.	Max.		Class	SEER	Pd	CEA [kWh]
MU2-Y 41M (Ix1)	20M 8.000	—	2,00	—	1,23	2,00	2,90	0,30	0,62	0,77	1,30	2,68	3,34	3,25	—	—	—	—
	27M 9.000	—	2,50	—	1,23	2,50	3,20	0,30	0,77	0,96	1,30	3,34	4,18	3,25	—	—	—	—
	35M 12.000	—	3,50	—	1,23	3,50	3,90	0,30	1,08	1,35	1,30	4,68	5,85	3,25	—	—	—	—
	53M 18.000	—	4,10	—	1,35	4,10	4,90	0,40	1,27	1,59	1,74	5,52	6,90	3,23	—	—	—	—
	20M 8.000	20M 8.000	2,05	2,05	1,76	4,10	4,92	0,44	1,27	1,59	1,93	5,52	6,90	3,23	A++	6,90	4,10	210
	20M 8.000	27M 9.000	1,79	2,31	1,76	4,10	4,92	0,44	1,27	1,59	1,93	5,52	6,90	3,23	A++	6,90	4,10	210
MU2-Y 41M (Ix2)	20M 8.000	20M 12.000	1,51	2,59	1,76	4,10	4,92	0,44	1,27	1,59	1,93	5,52	6,90	3,23	A++	6,90	4,10	210
	27M 9.000	27M 9.000	2,05	2,05	1,76	4,10	4,92	0,44	1,27	1,59	1,93	5,52	6,90	3,23	A++	6,90	4,10	210
	27M 9.000	35M 12.000	1,76	2,34	1,76	4,10	4,92	0,44	1,27	1,59	1,93	5,52	6,90	3,23	A++	6,90	4,10	210
	27M 9.000	35M 12.000	1,76	2,34	1,76	4,10	4,92	0,44	1,27	1,59	1,93	5,52	6,90	3,23	A++	6,90	4,10	210
	27M 9.000	35M 12.000	1,76	2,34	1,76	4,10	4,92	0,44	1,27	1,59	1,93	5,52	6,90	3,23	A++	6,90	4,10	210
	27M 9.000	35M 12.000	1,76	2,34	1,76	4,10	4,92	0,44	1,27	1,59	1,93	5,52	6,90	3,23	A++	6,90	4,10	210

Notes Pd = Pdesign CEA = Annual Energy Consumption

OUTDOOR UNIT	INDOOR UNIT		HEATING CAPACITY [kW]		TOTAL HEATING CAPACITY [kW]			ABSORBED HEATING CAPACITY [kW]			TOTAL COOLING CURRENT [A]			COP	SEASONAL EFFICIENCY (EN14825)			
	A	B	A	B	Min.	Std.	Max.	Min.	Std.	Max.	Min.	Std.	Max.		Class	SCOP	Pd	CEA [kWh]
MU2-Y 41M (Ix1)	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	A+	4,00	3,80	1330
	20M 8.000	27M 9.000	1,93	2,48	1,89	4,40	5,28	0,42	1,19	1,48	1,80	5,16	6,45	3,71	A+	4,00	3,80	1330
MU2-Y 41M (Ix2)	20M 8.000	20M 12.000	1,62	2,78	1,89	4,40	5,28	0,42	1,19	1,48	1,80	5,16	6,45	3,71	A+	4,00	3,80	1330
	27M 9.000	27M 9.000	2,20	2,20	1,89	4,40	5,28	0,42	1,19	1,48	1,80	5,16	6,45	3,71	A+	4,00	3,80	1330
	27M 9.000	35M 12.000	1,89	2,51	1,89	4,40	5,28	0,42	1,19	1,48	1,80	5,16	6,45	3,71	A+	4,00	3,80	1330
	27M 9.000	35M 12.000	1,89	2,51	1,89	4,40	5,28	0,42	1,19	1,48	1,80	5,16	6,45	3,71	A+	4,00	3,80	1330
	27M 9.000	35M 12.000	1,89	2,51	1,89	4,40	5,28	0,42	1,19	1,48	1,80	5,16	6,45	3,71	A+	4,00	3,80	1330
	27M 9.000	35M 12.000	1,89	2,51	1,89	4,40	5,28	0,42	1,19	1,48	1,80	5,16	6,45	3,71	A+	4,00	3,80	1330

Notes Pd = Pdesign CEA = Annual Energy Consumption

COMBINATION TABLES

Outdoor unit: MU2-Y 53M (DUAL)

OUTDOOR UNIT	INDOOR UNIT		COOLING CAPACITY [kW]			TOTAL COOLING CAPACITY [kW]			POWER INPUT COOLING [kW]			TOTAL COOLING CURRENT [A]			EER	SEASONAL EFFICIENCY (EN14825)			
	A	B	A	B	Min.	Std.	Max.	Min.	Std.	Max.	Min.	Std.	Max.	Class	SEER	Pd	CEA [kWh]		
MU2-Y 53M (tx1)	20M 8.000	—	2,00	—	1,43	2,00	2,90	0,35	0,60	0,75	1,52	2,60	3,24	3,35	—	—	—	—	
	27M 9.000	—	2,50	—	1,43	2,50	3,20	0,35	0,75	0,93	1,52	3,24	4,06	3,35	—	—	—	—	
	35M 12.000	—	3,50	—	1,43	3,50	3,90	0,35	1,08	1,29	1,52	4,68	5,62	3,25	—	—	—	—	
	53M 18.000	—	5,00	—	1,64	5,00	5,51	0,45	1,55	1,89	1,96	6,73	8,20	3,23	—	—	—	—	
	20M 8.000	20M 8.000	2,65	2,65	2,12	5,30	5,62	0,54	1,64	2,05	2,35	7,13	8,92	3,23	A++	6,10	5,30	304	
	20M 8.000	27M 9.000	2,32	2,98	2,12	5,30	5,83	0,54	1,64	2,05	2,35	7,13	8,92	3,23	A++	6,10	5,30	304	
	20M 8.000	35M 12.000	1,95	3,35	2,12	5,30	6,41	0,54	1,64	2,05	2,35	7,13	8,92	3,23	A++	6,10	5,30	304	
	20M 8.000	53M 18.000	1,48	3,85	2,12	5,30	6,47	0,54	1,64	2,05	2,35	7,13	8,92	3,23	A++	6,10	5,30	304	
	27M 9.000	27M 9.000	2,65	2,65	2,12	5,30	6,41	0,54	1,64	2,05	2,35	7,13	8,92	3,23	A++	6,30	5,30	300	
	27M 9.000	35M 12.000	2,27	3,03	2,12	5,30	6,41	0,54	1,64	2,05	2,35	7,13	8,92	3,23	A++	6,30	5,30	300	
MU2-Y 53M (tx2)	27M 9.000	53M 18.000	1,77	3,53	2,12	5,30	6,47	0,54	1,64	2,05	2,35	7,13	8,92	3,23	A++	6,30	5,30	300	
	35M 12.000	35M 12.000	2,65	2,65	2,12	5,30	6,41	0,54	1,64	2,05	2,35	7,13	8,92	3,23	A++	6,30	5,30	300	

Notes Pd = Pdesign CEA = Annual Energy Consumption

MULTISPLIT

COOLING

HEATING

OUTDOOR UNIT	INDOOR UNIT		HEATING CAPACITY [kW]			TOTAL HEATING CAPACITY [kW]			ABSORBED HEATING CAPACITY [kW]			TOTAL COOLING CURRENT [A]			COP	SEASONAL EFFICIENCY (EN14825)			
	A	B	A	B	Min.	Std.	Max.	Min.	Std.	Max.	Min.	Std.	Max.	Class	SCOP	Pd	CEA [kWh]		
MU2-Y 53M (tx1)	20M 8.000	—	2,50	—	1,56	2,50	3,03	0,32	0,67	0,83	1,39	2,90	3,62	3,75	—	—	—	—	
	27M 9.000	—	3,00	—	1,56	3,00	3,63	0,32	0,80	1,00	1,39	3,48	4,35	3,75	—	—	—	—	
	35M 12.000	—	3,80	—	1,56	3,80	4,60	0,32	1,00	1,20	1,39	4,34	5,20	3,81	—	—	—	—	
	53M 18.000	—	5,20	—	1,73	5,20	5,79	0,42	1,35	1,88	1,83	5,87	8,16	3,85	—	—	—	—	
	20M 8.000	20M 8.000	2,50	2,50	2,23	5,00	6,04	0,51	1,35	1,88	2,22	5,86	8,16	3,71	A+	4,00	4,30	1505	
	20M 8.000	27M 9.000	2,32	2,98	2,23	5,30	6,13	0,51	1,43	1,88	2,22	6,21	8,16	3,71	A+	4,00	4,30	1505	
	20M 8.000	35M 12.000	2,03	3,47	2,23	5,50	6,36	0,51	1,48	1,88	2,22	6,45	8,16	3,71	A+	4,00	4,30	1505	
	20M 8.000	53M 18.000	1,60	4,14	2,23	5,70	6,60	0,51	1,54	1,88	2,22	6,68	8,16	3,71	A+	4,00	4,30	1505	
	27M 9.000	27M 9.000	2,79	2,79	2,23	5,57	6,68	0,51	1,50	1,88	2,22	6,53	8,16	3,71	A+	4,00	4,50	1570	
	27M 9.000	35M 12.000	2,39	3,18	2,23	5,57	6,68	0,51	1,50	1,88	2,22	6,53	8,16	3,71	A+	4,00	4,50	1570	
MU2-Y 53M (tx2)	27M 9.000	53M 18.000	1,86	3,71	2,23	5,57	6,68	0,51	1,50	1,88	2,22	6,53	8,16	3,71	A+	4,00	4,50	1570	
	35M 12.000	35M 12.000	2,79	2,79	2,23	5,57	6,68	0,51	1,50	1,88	2,22	6,53	8,16	3,71	A+	4,00	4,50	1570	

Notes Pd = Pdesign CEA = Annual Energy Consumption

COMBINATION TABLES

Outdoor unit: MU2-Y 61M (TRIPLE)

OUTDOOR UNIT	INDOOR UNIT			COOLING CAPACITY [kW]			TOTAL COOLING CAPACITY [kW]			POWER INPUT COOLING [kW]			TOTAL COOLING CURRENT [A]			EER	SEASONAL EFFICIENCY (EN14825)			
	A	B	C	A	B	C	Min.	Std.	Max.	Min.	Std.	Max.	Min.	Std.	Max.		Class	SEER	Pd	CEA [kWh]
MU2-Y 61M (1x1)	20M 8.000	—	—	2,00	—	—	1,43	2,00	2,90	0,38	0,62	0,77	1,65	2,69	3,37	3,23	—	—	—	—
	27M 9.000	—	—	2,50	—	—	1,43	2,50	3,20	0,38	0,77	0,97	1,65	3,37	4,21	3,23	—	—	—	—
	35M 12.000	—	—	3,50	—	—	1,43	3,50	3,90	0,38	1,08	1,30	1,65	4,71	5,65	3,23	—	—	—	—
	53M 18.000	—	—	5,00	—	—	1,65	5,00	6,50	0,48	1,55	1,78	2,09	6,73	7,74	3,23	—	—	—	—
	20M 8.000	20M 8.000	—	2,10	2,10	—	2,01	4,20	5,49	0,57	1,30	1,89	2,46	5,65	8,21	3,23	A+	5,60	4,20	263
	20M 8.000	27M 9.000	—	2,06	2,64	—	2,01	4,70	5,80	0,57	1,46	1,98	2,46	6,33	8,62	3,23	A+	5,60	4,70	294
MU2-Y 61M (1x2)	20M 8.000	35M 12.000	—	1,95	3,35	—	2,01	5,30	6,10	0,57	1,64	2,08	2,46	7,13	9,03	3,23	A+	5,60	5,30	331
	20M 8.000	53M 18.000	—	1,76	4,54	—	2,01	6,30	6,83	0,57	1,95	2,17	2,46	8,48	9,44	3,23	A+	5,60	6,30	394
	27M 9.000	27M 9.000	—	2,65	2,65	—	2,01	5,30	6,41	0,57	1,64	2,08	2,46	7,13	9,03	3,23	A+	5,60	5,30	331
	27M 9.000	35M 12.000	—	2,57	3,43	—	2,01	6,00	6,59	0,57	1,86	2,12	2,46	8,08	9,20	3,23	A+	5,60	6,00	375
	27M 9.000	53M 18.000	—	2,10	4,20	—	2,01	6,30	6,83	0,57	1,95	2,17	2,46	8,48	9,44	3,23	A+	5,60	6,30	394
	35M 12.000	35M 12.000	—	3,10	3,10	—	2,01	6,20	6,83	0,57	1,92	2,17	2,46	8,35	9,44	3,23	A+	5,60	6,20	388
COOLING MU2-Y 61M (1x3)	20M 8.000	20M 8.000	20M 8.000	2,03	2,03	2,03	2,44	6,10	7,20	0,68	1,89	2,36	2,96	8,21	10,26	3,23	A++	6,70	6,10	319
	20M 8.000	20M 8.000	27M 9.000	1,86	1,86	2,39	2,44	6,10	7,26	0,68	1,89	2,36	2,96	8,21	10,26	3,23	A++	6,70	6,10	319
	20M 8.000	20M 8.000	35M 12.000	1,64	1,64	2,82	2,44	6,10	7,32	0,68	1,89	2,36	2,96	8,21	10,26	3,23	A++	6,70	6,10	319
	20M 8.000	27M 9.000	27M 9.000	1,71	2,20	2,20	2,44	6,10	7,32	0,68	1,89	2,36	2,96	8,21	10,26	3,23	A++	6,70	6,10	319
	20M 8.000	27M 9.000	35M 12.000	1,53	1,96	2,61	2,44	6,10	7,32	0,68	1,89	2,36	2,96	8,21	10,26	3,23	A++	6,70	6,10	319
	27M 9.000	27M 9.000	27M 9.000	2,03	2,03	2,03	2,44	6,10	7,32	0,68	1,89	2,36	2,96	8,21	10,26	3,23	A++	6,70	6,10	319
	27M 9.000	27M 9.000	35M 12.000	1,83	1,83	2,44	2,44	6,10	7,32	0,68	1,89	2,36	2,96	8,21	10,26	3,23	A++	6,70	6,10	319
	27M 9.000	27M 9.000	35M 12.000	1,83	1,83	2,44	2,44	6,10	7,32	0,68	1,89	2,36	2,96	8,21	10,26	3,23	A++	6,70	6,10	319

Notes Pd = Pdesign CEA = Annual Energy Consumption

COMBINATION TABLES

Outdoor unit: MU2-Y 61M (TRIPLE)

OUTDOOR UNIT	INDOOR UNIT			HEATING CAPACITY [kW]			TOTAL HEATING CAPACITY [kW]			ABSORBED HEATING CAPACITY [kW]			TOTAL COOLING CURRENT [A]			COP	SEASONAL EFFICIENCY (EN14825)			
	A	B	C	A	B	C	Min.	Std.	Max.	Min.	Std.	Max.	Min.	Std.	Max.		Class	SCOP	Pd	CEA [kWh]
MU2-Y 61M (x1)	20M 8.000	—	—	2,50	—	—	1,43	2,50	3,03	0,35	0,67	0,84	1,52	2,93	3,66	3,71	—	—	—	—
	27M 9.000	—	—	3,00	—	—	1,43	3,00	3,63	0,35	0,81	1,01	1,52	3,52	4,39	3,71	—	—	—	—
	35M 12.000	—	—	3,80	—	—	1,43	3,80	4,60	0,35	1,02	1,23	1,52	4,45	5,34	3,71	—	—	—	—
	53M 18.000	—	—	5,20	—	—	1,74	5,20	6,64	0,45	1,40	2,00	1,96	6,09	8,69	3,71	—	—	—	—
	20M 8.000	20M 8.000	—	2,50	2,50	—	2,13	5,00	5,80	0,52	1,35	1,74	2,27	5,86	7,56	3,71	A	3,80	4,00	1474
	20M 8.000	27M 9.000	—	2,45	3,15	—	2,13	5,60	6,12	0,52	1,51	1,82	2,27	6,56	7,93	3,71	A	3,80	4,48	1651
MU2-Y 61M (x2)	20M 8.000	35M 12.000	—	2,17	3,73	—	2,13	5,90	6,45	0,52	1,59	1,91	2,27	6,91	8,31	3,71	A	3,80	4,80	1768
	20M 8.000	53M 18.000	—	1,82	4,68	—	2,13	6,50	7,22	0,52	1,75	2,00	2,27	7,62	8,69	3,71	A	3,80	5,12	1886
	27M 9.000	27M 9.000	—	2,95	2,95	—	2,13	5,90	6,77	0,52	1,59	1,91	2,27	6,91	8,31	3,71	A	3,80	4,80	1768
	27M 9.000	35M 12.000	—	2,70	3,60	—	2,13	6,30	6,96	0,52	1,70	1,94	2,27	7,38	8,46	3,71	A	3,80	5,12	1886
	27M 9.000	53M 18.000	—	2,20	4,40	—	2,13	6,60	7,22	0,52	1,78	2,00	2,27	7,73	8,69	3,71	A	3,80	5,12	1886
	35M 12.000	35M 12.000	—	3,15	3,15	—	2,13	6,30	7,22	0,52	1,70	2,00	2,27	7,38	8,69	3,71	A	3,80	5,12	1886
MU2-Y 61M (x3)	20M 8.000	20M 8.000	20M 8.000	2,15	2,15	2,15	2,26	6,45	7,61	0,62	1,74	2,17	2,72	7,56	9,44	3,71	A+	4,00	5,20	1820
	20M 8.000	20M 8.000	27M 8.000	1,96	1,96	2,52	2,26	6,45	7,61	0,62	1,74	2,17	2,72	7,56	9,44	3,71	A+	4,00	5,20	1820
	20M 8.000	20M 8.000	35M 12.000	1,73	1,73	2,97	2,26	6,45	7,74	0,62	1,74	2,17	2,72	7,56	9,44	3,71	A+	4,00	5,20	1820
	20M 8.000	27M 9.000	27M 9.000	1,80	2,32	2,32	2,26	6,45	7,74	0,62	1,74	2,17	2,72	7,56	9,44	3,71	A+	4,00	5,20	1820
	20M 8.000	27M 9.000	35M 12.000	1,61	2,07	2,76	2,26	6,45	7,74	0,62	1,74	2,17	2,72	7,56	9,44	3,71	A+	4,00	5,20	1820
	27M 9.000	27M 9.000	27M 9.000	2,15	2,15	2,15	2,26	6,45	7,74	0,62	1,74	2,17	2,72	7,56	9,44	3,71	A+	4,00	5,20	1820
HEATING	27M 9.000	27M 9.000	35M 9.000	1,93	1,93	2,58	2,26	6,45	7,74	0,62	1,74	2,17	2,72	7,56	9,44	3,71	A+	4,00	5,20	1820

Notes Pd = Pdesign CEA = Annual Energy Consumption

COMBINATION TABLES

Outdoor unit: MU2-Y 79M (TRIPLE)

OUTDOOR UNIT	INDOOR UNIT			COOLING CAPACITY [kW]			TOTAL COOLING CAPACITY [kW]			POWER INPUT COOLING [kW]			TOTAL COOLING CURRENT [A]			EER	SEASONAL EFFICIENCY (EN14825)			
	A	B	C	A	B	C	Min.	Std.	Max.	Min.	Std.	Max.	Min.	Std.	Max.		Class	SEER	Pd	CEA [kWh]
MU2-Y 79M (x1)	20M 8.000	—	—	2,00	—	—	1,58	2,00	2,90	0,40	0,62	0,77	1,74	2,69	3,37	3,23	—	—	—	—
	27M 9.000	—	—	2,50	—	—	1,58	2,50	3,20	0,40	0,77	0,97	1,74	3,37	4,21	3,23	—	—	—	—
	35M 12.000	—	—	3,50	—	—	1,58	3,50	3,90	0,40	1,08	1,30	1,74	4,71	5,65	3,23	—	—	—	—
	53M 18.000	—	—	5,00	—	—	1,78	5,00	6,50	0,50	1,55	1,78	2,17	6,73	7,74	3,23	—	—	—	—
	20M 8.000	20M 8.000	—	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
	20M 8.000	27M 9.000	—	2,06	2,64	—	2,21	4,70	6,72	0,64	1,46	2,20	2,76	6,33	9,57	3,23	A+	5,60	4,70	294
MU2-Y 79M (x2)	20M 8.000	35M 12.000	—	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 8.000	53M 18.000	—	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
	27M 9.000	27M 9.000	—	2,65	2,65	—	2,21	5,30	7,11	0,64	1,64	2,45	2,76	7,13	10,63	3,23	A+	5,60	5,30	331
	27M 9.000	35M 12.000	—	2,57	3,43	—	2,21	6,00	7,51	0,64	1,86	2,57	2,76	8,08	11,17	3,23	A+	5,60	6,00	375
	27M 9.000	53M 18.000	—	2,27	4,53	—	2,21	6,80	7,90	0,64	2,11	2,69	2,76	9,15	11,70	3,23	A+	5,60	6,80	425
	35M 12.000	35M 12.000	—	3,15	3,15	—	2,21	6,30	7,66	0,64	1,95	2,64	2,76	8,48	11,48	3,23	A+	5,60	6,30	394
	35M 12.000	53M 18.000	—	2,72	4,08	—	2,21	6,80	7,90	0,64	2,11	2,69	2,76	9,15	11,70	3,23	A+	5,60	6,80	425
	20M 8.000	20M 8.000	20M 8.000	2,43	2,43	2,43	2,77	7,30	8,69	0,76	2,26	2,91	3,30	9,83	12,65	3,23	A++	6,10	7,30	419
	20M 8.000	20M 8.000	27M 9.000	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	7,40	425
	20M 8.000	20M 8.000	35M 12.000	2,13	2,13	3,65	2,77	7,90	8,69	0,76	2,45	2,91	3,30	10,63	12,65	3,23	A++	6,10	7,90	453
	20M 8.000	20M 8.000	53M 18.000	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
COOLING (x3)	20M 8.000	27M 9.000	27M 9.000	2,13	2,74	2,74	2,77	7,60	8,69	0,76	2,35	2,91	3,30	10,23	12,65	3,23	A++	6,10	7,60	436
	20M 8.000	27M 9.000	35M 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 8.000	27M 9.000	53M 18.000	1,63	2,09	4,18	2,77	7,90	8,69	0,76	2,45	2,91	3,30	10,63	12,65	3,23	A++	6,10	7,90	453
	20M 8.000	35M 12.000	35M 12.000	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 8.000	35M 12.000	53M 18.000	1,63	2,09	4,18	2,77	7,90	8,69	0,76	2,45	2,91	3,30	10,63	12,65	3,23	A++	6,10	7,90	453
	20M 8.000	35M 12.000	53M 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
	27M 9.000	27M 9.000	27M 9.000	2,63	2,63	2,63	2,77	7,90	8,69	0,76	2,45	2,91	3,30	10,63	12,65	3,23	A++	6,10	7,90	453
	27M 9.000	27M 9.000	35M 12.000	2,37	2,37	3,16	2,77	7,90	8,69	0,76	2,45	2,91	3,30	10,63	12,65	3,23	A++	6,10	7,90	453
	27M 9.000	27M 9.000	35M 12.000	2,15	2,87	2,87	2,77	7,90	8,69	0,76	2,45	2,91	3,30	10,63	12,65	3,23	A++	6,10	7,90	453
	35M 12.000	35M 12.000	35M 12.000	2,63	2,63	2,63	2,77	7,90	8,69	0,76	2,45	2,91	3,30	10,63	12,65	3,23	A++	6,10	7,90	453

Notes Pd = Pdesign CEA = Annual Energy Consumption

COMBINATION TABLES

Outdoor unit: MU2-Y 79M (TRIPLE)

OUTDOOR UNIT	INDOOR UNIT			HEATING CAPACITY [kW]			TOTAL HEATING CAPACITY [kW]			ABSORBED HEATING CAPACITY [kW]			TOTAL COOLING CURRENT [A]			COP	SEASONAL EFFICIENCY (EN14825)			
	A	B	C	A	B	C	Min.	Std.	Max.	Min.	Std.	Max.	Min.	Std.	Max.		Class	SCOP	Pd	CEA [kWh]
MU2-Y 79M (Ix1)	20M 8.000	—	—	2,50	—	—	1,64	2,50	2,90	0,40	0,67	0,84	1,74	2,91	3,64	3,73	—	—	—	—
	27M 9.000	—	—	3,00	—	—	1,64	3,00	3,20	0,40	0,80	1,01	1,74	3,50	4,37	3,73	—	—	—	—
	35M 12.000	—	—	3,80	—	—	1,64	3,80	3,90	0,40	1,02	1,22	1,74	4,43	5,32	3,73	—	—	—	—
	53M 18.000	—	—	5,20	—	—	1,89	5,20	7,22	0,50	1,39	1,59	2,17	6,03	6,93	3,75	—	—	—	—
	20M 8.000	20M 8.000	—	2,50	2,50	—	2,30	5,00	6,56	0,57	1,35	1,88	2,50	5,86	8,17	3,71	A	3,80	4,80	1768
	20M 8.000	27M 9.000	—	2,45	3,15	—	2,30	5,60	6,98	0,57	1,51	1,99	2,50	6,56	8,66	3,71	A	3,80	5,00	1842
MU2-Y 79M (Ix2)	20M 8.000	35M 12.000	—	2,21	3,79	—	2,30	6,00	7,39	0,57	1,62	2,21	2,50	7,03	9,62	3,71	A	3,80	5,10	1879
	20M 8.000	53M 18.000	—	1,96	5,04	—	2,30	7,00	8,21	0,57	1,89	2,43	2,50	8,20	10,58	3,71	A	3,80	5,10	1879
	27M 9.000	27M 9.000	—	3,00	3,00	—	2,30	6,00	7,39	0,57	1,62	2,21	2,50	7,03	9,62	3,71	A	3,80	5,10	1879
	27M 9.000	35M 12.000	—	2,70	3,60	—	2,30	6,30	7,80	0,57	1,70	2,32	2,50	7,38	10,10	3,71	A	3,80	5,10	1879
	27M 9.000	53M 18.000	—	2,33	4,67	—	2,30	7,00	8,21	0,57	1,89	2,43	2,50	8,20	10,58	3,71	A	3,80	5,10	1879
	35M 12.000	35M 12.000	—	3,25	3,25	—	2,30	6,50	7,96	0,57	1,75	2,39	2,50	7,62	10,39	3,71	A	3,80	5,10	1879
HEATING	35M 12.000	53M 18.000	—	2,80	4,20	—	2,30	7,00	8,21	0,57	1,89	2,43	2,50	8,20	10,58	3,71	A	3,80	5,10	1879
	20M 8.000	20M 8.000	20M 8.000	2,73	2,73	2,73	2,87	8,20	9,85	0,68	2,21	2,76	2,98	9,61	12,02	3,71	A+	4,00	5,70	1995
	20M 8.000	20M 8.000	27M 9.000	2,50	2,50	3,21	2,87	8,20	9,85	0,68	2,21	2,76	2,98	9,61	12,02	3,71	A+	4,00	5,70	1995
	20M 8.000	20M 8.000	35M 12.000	2,21	2,21	3,78	2,87	8,20	9,85	0,68	2,21	2,76	2,98	9,61	12,02	3,71	A+	4,00	5,70	1995
	20M 8.000	20M 8.000	53M 18.000	1,79	1,79	4,61	2,87	8,20	9,85	0,68	2,21	2,76	2,98	9,61	12,02	3,71	A+	4,00	5,70	1995
	20M 8.000	27M 9.000	27M 9.000	2,30	2,95	2,95	2,87	8,20	9,85	0,68	2,21	2,76	2,98	9,61	12,02	3,71	A+	4,00	5,70	1995
MU2-Y 79M (Ix3)	20M 8.000	27M 9.000	35M 12.000	2,05	2,64	3,51	2,87	8,20	9,85	0,68	2,21	2,76	2,98	9,61	12,02	3,71	A+	4,00	5,70	1995
	20M 8.000	27M 9.000	53M 18.000	1,69	2,17	4,34	2,87	8,20	9,85	0,68	2,21	2,76	2,98	9,61	12,02	3,71	A+	4,00	5,70	1995
	20M 8.000	35M 12.000	35M 12.000	1,85	3,17	3,17	2,87	8,20	9,85	0,68	2,21	2,76	2,98	9,61	12,02	3,71	A+	4,00	5,70	1995
	27M 9.000	27M 9.000	27M 9.000	2,73	2,73	2,73	2,87	8,21	9,85	0,68	2,21	2,76	2,98	9,62	12,02	3,71	A+	4,00	5,50	1925
	27M 9.000	27M 9.000	35M 12.000	2,46	2,46	3,28	2,87	8,20	9,85	0,68	2,21	2,76	2,98	9,61	12,02	3,71	A+	4,00	5,50	1925
	27M 9.000	35M 12.000	35M 12.000	2,24	2,98	2,98	2,87	8,20	9,85	0,68	2,21	2,76	2,98	9,61	12,02	3,71	A+	4,00	5,50	1925
HEATING	35M 12.000	35M 12.000	35M 12.000	2,73	2,73	2,73	2,87	8,20	9,85	0,68	2,21	2,76	2,98	9,61	12,02	3,71	A+	4,00	5,50	1925
	35M 12.000	35M 12.000	35M 12.000	2,73	2,73	2,73	2,87	8,20	9,85	0,68	2,21	2,76	2,98	9,61	12,02	3,71	A+	4,00	5,50	1925

Notes Pd = Pdesign CEA = Annual Energy Consumption

COMBINATION TABLES

Outdoor unit: MU2-Y 82M (QUADRI)

OUTDOOR UNIT	INDOOR UNIT				COOLING CAPACITY [kW]				TOTAL COOLING CAPACITY [kW]			POWER INPUT COOLING [kW]			TOTAL COOLING CURRENT [A]			EER	SEASONAL EFFICIENCY (EN14825)			
	A	B	C	D	A	B	C	D	Min.	Std.	Max.	Min.	Std.	Max.	Min.	Std.	Max.		Class	SEER	Pd	CEA [kWh]
	20M 8.000	—	—	—	2,00	—	—	—	1,52	2,00	2,90	0,40	0,62	0,77	1,74	2,69	3,37	3,23	—	—	—	—
MU2-Y 82M (1x1)	27M 9.000	—	—	—	2,50	—	—	—	1,52	2,50	3,20	0,40	0,77	0,97	1,74	3,37	4,21	3,23	—	—	—	—
	35M 12.000	—	—	—	3,50	—	—	—	1,52	3,50	3,90	0,40	1,08	1,30	1,74	4,71	5,65	3,23	—	—	—	—
	53M 18.000	—	—	—	5,00	—	—	—	1,72	5,00	6,50	0,50	1,55	1,78	2,17	6,73	7,74	3,23	—	—	—	—
	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	A	5,10	4,20	288
	20M 8.000	27M 9.000	—	—	2,06	2,64	—	—	2,05	4,70	6,40	0,63	1,46	2,16	2,76	6,33	9,38	3,23	A	5,10	4,70	323
	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	A	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	A	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	A	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	A	5,10	6,00	412
	27M 9.000	53M 18.000	—	—	2,43	4,87	—	—	2,05	7,30	7,54	0,63	2,26	2,79	2,76	9,83	12,14	3,23	A	5,10	7,30	501
MU2-Y 82M (1x2)	35M 12.000	35M 12.000	—	—	3,25	3,25	—	—	2,05	6,50	7,38	0,63	2,01	2,49	2,76	8,75	10,82	3,23	A	5,10	6,50	446
	35M 12.000	53M 18.000	—	—	2,92	4,38	—	—	2,05	7,30	7,54	0,63	2,26	2,79	2,76	9,83	12,14	3,23	A	5,10	7,30	501
	53M 18.000	53M 18.000	—	—	3,75	3,75	—	—	2,05	7,50	7,54	0,63	2,32	2,79	2,76	10,10	12,14	3,23	A	5,10	7,50	515
	20M 8.000	20M 8.000	20M 8.000	—	2,00	2,00	2,00	—	2,62	6,00	8,45	0,76	1,86	2,94	3,31	8,08	12,80	3,23	A++	6,50	6,00	323
	20M 8.000	20M 8.000	27M 8.000	—	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
	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	2,06	4,13	—	2,62	7,80	8,45	0,76	2,41	2,94	3,31	10,50	12,80	3,23	A++	6,50	7,80	420
MU2-Y 82M (1x3)	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
	35M 12.000	35M 12.000	53M 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)			
	A	B	C	D	A	B	C	D	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	2,05	2,05	2,05	2,05	2,87	8,20	9,92	0,86	2,54	3,17	3,75	11,04	13,80	3,23	A++	7,20	8,20	399
COOLING MU2-Y 82M (x4)	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++	7,20	8,20	399
	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++	7,20	8,20	399
	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++	7,20	8,20	399
	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++	7,20	8,20	399
	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++	7,20	8,20	399
	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++	7,20	8,20	399
	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++	7,20	8,20	399
	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++	7,20	8,20	399
	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++	7,20	8,20	399
	27M 9.000	27M 9.000	27M 9.000	27M 9.000	2,05	2,05	2,05	2,05	2,87	8,20	9,92	0,86	2,54	3,17	3,75	11,04	13,80	3,23	A++	7,20	8,20	399
	27M 9.000	27M 9.000	27M 9.000	35M 12.000	1,89	1,89	1,89	2,52	2,87	8,20	9,92	0,86	2,54	3,17	3,75	11,04	13,80	3,23	A++	7,20	8,20	399

Notes Pd = Pdesign CEA = Annual Energy Consumption

COMBINATION TABLES

Outdoor unit: MU2-Y 82M (QUADRI)

OUTDOOR UNIT	INDOOR UNIT				HEATING CAPACITY [kW]				TOTAL HEATING CAPACITY [kW]			ABSORBED HEATING CAPACITY [kW]			TOTAL COOLING CURRENT [A]			COP	SEASONAL EFFICIENCY (EN14825)			
	A	B	C	D	A	B	C	D	Min.	Std.	Max.	Min.	Std.	Max.	Min.	Std.	Max.		Class	SCOP	Pd	CEA [kWh]
	20M 8.000	—	—	—	2,50	—	—	—	1,63	2,50	2,90	0,40	0,67	0,83	1,74	2,90	3,62	3,75	—	—	—	—
MU2-Y 82M (1x1)	27M 9.000	—	—	—	3,00	—	—	—	1,63	3,00	3,20	0,40	0,80	1,00	1,74	3,48	4,35	3,75	—	—	—	—
	35M 12.000	—	—	—	3,80	—	—	—	1,63	3,80	3,90	0,40	1,01	1,22	1,74	4,41	5,29	3,75	—	—	—	—
	53M 18.000	—	—	—	5,60	—	—	—	1,85	5,60	6,78	0,50	1,48	1,70	2,17	6,44	7,41	3,78	—	—	—	—
	20M 8.000	20M 8.000	—	—	2,50	2,50	—	—	2,20	5,00	6,51	0,59	1,31	1,90	2,58	5,71	8,25	3,81	A	3,40	3,85	1585
	20M 8.000	27M 9.000	—	—	2,45	3,15	—	—	2,20	5,60	6,86	0,59	1,47	2,02	2,58	6,39	8,77	3,81	A	3,40	4,31	1776
	20M 8.000	35M 12.000	—	—	2,21	3,79	—	—	2,20	6,00	7,30	0,59	1,57	2,13	2,58	6,85	9,28	3,81	A	3,40	4,62	1902
	20M 8.000	53M 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	A	3,40	6,01	2473
	27M 9.000	27M 9.000	—	—	3,00	3,00	—	—	2,20	6,00	7,30	0,59	1,57	2,13	2,58	6,85	9,28	3,81	A	3,40	4,62	1902
	27M 9.000	35M 12.000	—	—	3,00	4,00	—	—	2,20	7,00	7,48	0,59	1,84	2,25	2,58	7,99	9,80	3,81	A	3,40	5,39	2219
	27M 9.000	53M 18.000	—	—	2,63	5,27	—	—	2,20	7,90	8,10	0,59	2,05	2,61	2,58	8,92	11,34	3,85	A	3,40	6,08	2505
MU2-Y 82M (1x2)	35M 12.000	35M 12.000	—	—	3,75	3,75	—	—	2,20	7,50	7,92	0,59	1,97	2,32	2,58	8,56	10,11	3,81	A	3,40	5,78	2378
	35M 12.000	53M 18.000	—	—	3,20	4,80	—	—	2,20	8,00	8,10	0,59	2,08	2,61	2,58	9,03	11,34	3,85	A	3,40	6,08	2505
	53M 18.000	53M 18.000	—	—	4,00	4,00	—	—	2,20	8,00	8,10	0,59	2,08	2,61	2,58	9,03	11,34	3,85	A	3,40	6,08	2505
	20M 8.000	20M 8.000	20M 8.000	—	2,33	2,33	2,33	—	2,82	7,00	9,06	0,71	1,89	2,75	3,09	8,20	11,96	3,71	A	3,80	5,39	1986
	20M 8.000	20M 8.000	27M 9.000	—	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	A	3,80	6,01	2213
	20M 8.000	20M 8.000	35M 12.000	—	2,26	2,26	3,88	—	2,82	8,40	9,06	0,71	2,26	2,75	3,09	9,84	11,96	3,71	A	3,80	6,10	2247
	20M 8.000	20M 8.000	53M 18.000	—	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	A	3,80	6,20	2284
	20M 8.000	27M 9.000	27M 9.000	—	2,35	3,02	2,68	—	2,82	8,40	9,06	0,71	2,26	2,75	3,09	9,84	11,96	3,71	A	3,80	6,10	2247
	20M 8.000	27M 9.000	35M 12.000	—	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	A	3,80	6,20	2284
	20M 8.000	27M 9.000	53M 18.000	—	1,77	2,28	4,55	—	2,82	8,60	9,06	0,71	2,32	2,75	3,09	10,08	11,96	3,71	A	3,80	6,20	2284
MU2-Y 82M (1x3)	20M 8.000	35M 12.000	35M 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	A	3,80	6,20	2284
	20M 8.000	35M 12.000	53M 18.000	—	1,63	2,79	4,18	—	2,82	8,60	9,06	0,71	2,32	2,75	3,09	10,08	11,96	3,71	A	3,80	6,20	2284
	20M 8.000	27M 9.000	27M 9.000	—	2,87	2,87	2,87	—	2,82	8,60	9,06	0,71	2,32	2,75	3,09	10,08	11,96	3,71	A	3,80	6,20	2284
	20M 8.000	27M 9.000	35M 12.000	—	2,58	2,58	3,44	—	2,82	8,60	9,06	0,71	2,32	2,75	3,09	10,08	11,96	3,71	A	3,80	6,20	2284
	20M 8.000	27M 9.000	53M 18.000	—	2,15	2,15	4,30	—	2,82	8,60	9,06	0,71	2,32	2,75	3,09	10,08	11,96	3,71	A	3,80	6,20	2284
	20M 8.000	35M 12.000	35M 12.000	—	2,35	3,13	3,13	—	2,82	8,60	9,06	0,71	2,32	2,75	3,09	10,08	11,96	3,71	A	3,80	6,20	2284
	20M 8.000	35M 12.000	53M 18.000	—	1,98	2,65	3,97	—	2,82	8,60	9,06	0,71	2,32	2,75	3,09	10,08	11,96	3,71	A	3,80	6,20	2284
	20M 8.000	35M 12.000	35M 12.000	—	2,87	2,87	2,87	—	2,82	8,60	9,06	0,71	2,32	2,75	3,09	10,08	11,96	3,71	A	3,80	6,20	2284
	20M 8.000	35M 12.000	53M 12.000	—	2,87	2,87	2,87	—	2,82	8,60	9,06	0,71	2,32	2,75	3,09	10,08	11,96	3,71	A	3,80	6,20	2284

Notes Pd = Pdesign CEA = Annual Energy Consumption

COMBINATION TABLES

Outdoor unit: MU2-Y 82M (QUADRI)

OUTDOOR UNIT	INDOOR UNIT				HEATING CAPACITY [kW]				TOTAL HEATING CAPACITY [kW]			ABSORBED HEATING CAPACITY [kW]			TOTAL COOLING CURRENT [A]			COP	SEASONAL EFFICIENCY (EN14825)			
	A	B	C	D	A	B	C	D	Min.	Std.	Max.	Min.	Std.	Max.	Min.	Std.	Max.		Class	SCOP	Pd	CEA [kWh]
	20M	20M	20M	20M	2,20	2,20	2,20	2,20	3,08	8,80	10,65	0,81	2,37	2,96	3,51	10,31	12,89	3,71	A+	4,01	6,70	2345
MU2-Y 82M (x4)	8.000	8.000	8.000	8.000	2,05	2,05	2,05	2,64	3,08	8,80	10,65	0,81	2,37	2,96	3,51	10,31	12,89	3,71	A+	4,01	6,70	2345
	20M	20M	20M	27M	1,87	1,87	1,87	3,20	3,08	8,80	10,65	0,81	2,37	2,96	3,51	10,31	12,89	3,71	A+	4,01	6,70	2345
	8.000	8.000	8.000	9.000	2,05	2,05	2,05	2,64	3,08	8,80	10,65	0,81	2,37	2,96	3,51	10,31	12,89	3,71	A+	4,01	6,70	2345
	20M	20M	20M	35M	1,87	1,87	1,87	3,20	3,08	8,80	10,65	0,81	2,37	2,96	3,51	10,31	12,89	3,71	A+	4,01	6,70	2345
	8.000	8.000	8.000	12.000	2,05	2,05	2,05	3,20	3,08	8,80	10,65	0,81	2,37	2,96	3,51	10,31	12,89	3,71	A+	4,01	6,70	2345
	20M	20M	20M	53M	1,58	1,58	1,58	4,06	3,08	8,80	10,65	0,81	2,37	2,96	3,51	10,31	12,89	3,71	A+	4,01	6,70	2345
	8.000	8.000	8.000	18.000	1,58	1,58	1,58	4,06	3,08	8,80	10,65	0,81	2,37	2,96	3,51	10,31	12,89	3,71	A+	4,01	6,70	2345
	20M	20M	27M	27M	1,93	1,93	2,48	2,48	3,08	8,80	10,65	0,81	2,37	2,96	3,51	10,31	12,89	3,71	A+	4,01	6,70	2345
	8.000	8.000	9.000	9.000	1,93	1,93	2,48	2,48	3,08	8,80	10,65	0,81	2,37	2,96	3,51	10,31	12,89	3,71	A+	4,01	6,70	2345
	20M	20M	27M	35M	1,76	1,76	2,26	3,02	3,08	8,80	10,65	0,81	2,37	2,96	3,51	10,31	12,89	3,71	A+	4,01	6,70	2345
	8.000	8.000	9.000	12.000	1,76	1,76	2,26	3,02	3,08	8,80	10,65	0,81	2,37	2,96	3,51	10,31	12,89	3,71	A+	4,01	6,70	2345
	20M	20M	35M	35M	1,62	1,62	2,78	2,78	3,08	8,80	10,65	0,81	2,37	2,96	3,51	10,31	12,89	3,71	A+	4,01	6,70	2345
	8.000	8.000	12.000	12.000	1,62	1,62	2,78	2,78	3,08	8,80	10,65	0,81	2,37	2,96	3,51	10,31	12,89	3,71	A+	4,01	6,70	2345
	20M	27M	27M	27M	1,81	2,33	2,33	2,33	3,08	8,80	10,65	0,81	2,37	2,96	3,51	10,31	12,89	3,71	A+	4,01	6,70	2345
	8.000	9.000	9.000	9.000	1,81	2,33	2,33	2,33	3,08	8,80	10,65	0,81	2,37	2,96	3,51	10,31	12,89	3,71	A+	4,01	6,70	2345
	20M	27M	27M	35M	1,66	2,14	2,14	2,85	3,08	8,80	10,65	0,81	2,37	2,96	3,51	10,31	12,89	3,71	A+	4,01	6,70	2345
	8.000	9.000	9.000	12.000	1,66	2,14	2,14	2,85	3,08	8,80	10,65	0,81	2,37	2,96	3,51	10,31	12,89	3,71	A+	4,01	6,70	2345
	20M	27M	35M	35M	1,54	1,98	2,64	2,64	3,08	8,80	10,65	0,81	2,37	2,96	3,51	10,31	12,89	3,71	A+	4,01	6,70	2345
	8.000	9.000	12.000	12.000	1,54	1,98	2,64	2,64	3,08	8,80	10,65	0,81	2,37	2,96	3,51	10,31	12,89	3,71	A+	4,01	6,70	2345
	27M	27M	27M	27M	2,20	2,20	2,20	2,20	3,08	8,80	10,65	0,81	2,37	2,96	3,51	10,31	12,89	3,71	A+	4,01	6,70	2345
	9.000	9.000	9.000	9.000	2,03	2,03	2,03	2,71	3,08	8,80	10,65	0,81	2,37	2,96	3,51	10,31	12,89	3,71	A+	4,01	6,70	2345
	27M	27M	27M	35M	2,03	2,03	2,03	2,71	3,08	8,80	10,65	0,81	2,37	2,96	3,51	10,31	12,89	3,71	A+	4,01	6,70	2345
	9.000	9.000	9.000	12.000	2,03	2,03	2,03	2,71	3,08	8,80	10,65	0,81	2,37	2,96	3,51	10,31	12,89	3,71	A+	4,01	6,70	2345

Notes Pd = Pdesign CEA = Annual Energy Consumption

COMBINATION TABLES

Outdoor unit: MU2-Y 105M (QUADRI)

OUTDOOR UNIT	INDOOR UNIT				COOLING CAPACITY [kW]				TOTAL COOLING CAPACITY [kW]			POWER INPUT COOLING [kW]			TOTAL COOLING CURRENT [A]			EER	SEASONAL EFFICIENCY (EN14825)			
	A	B	C	D	A	B	C	D	Min.	Std.	Max.	Min.	Std.	Max.	Min.	Std.	Max.		Class	SEER	Pd	CEA [kWh]
MULTISPLIT MU2-Y105M (1x1)	20M 8.000	—	—	—	2,00	—	—	—	1,58	2,00	2,90	0,45	0,61	0,76	1,96	2,65	3,31	3,28	—	—	—	—
	27M 9.000	—	—	—	2,50	—	—	—	1,58	2,50	3,20	0,45	0,76	0,95	1,96	3,31	4,14	3,28	—	—	—	—
	35M 12.000	—	—	—	3,50	—	—	—	1,58	3,50	3,90	0,45	1,07	1,28	1,96	4,64	5,57	3,28	—	—	—	—
	53M 18.000	—	—	—	5,00	—	—	—	1,79	5,00	6,50	0,58	1,52	1,75	2,52	6,63	7,62	3,28	—	—	—	—
	70M 24.000	—	—	—	7,00	—	—	—	2,21	7,00	8,00	0,62	2,13	2,45	2,70	9,28	10,67	3,28	—	—	—	—
	HYDRO-M	—	—	—	10,60	—	—	—	-	10,60	-	-	3,50	-	-	-	-	3,01	-	-	-	-
	20M 8.000	20M 8.000	—	—	2,10	2,10	—	—	2,22	4,20	6,33	0,62	1,28	2,12	2,70	5,57	9,23	3,28	A	5,10	4,20	288
	20M 8.000	27M 9.000	—	—	2,06	2,64	—	—	2,22	4,70	6,54	0,62	1,43	2,29	2,70	6,23	9,94	3,28	A	5,10	4,70	323
	20M 8.000	35M 12.000	—	—	2,03	3,47	—	—	2,22	5,50	6,86	0,62	1,68	2,45	2,70	7,29	10,65	3,28	A	5,10	5,50	377
	20M 8.000	53M 18.000	—	—	1,96	5,04	—	—	2,22	7,00	8,44	0,62	2,13	2,87	2,70	9,28	12,50	3,28	A	5,20	7,00	471
COOLING MU2-Y105M (1x2)	20M 8.000	70M 24.000	—	—	2,03	6,97	—	—	2,22	9,00	9,50	0,62	2,74	3,06	2,69	11,93	13,29	3,28	A	5,20	9,00	606
	27M 9.000	27M 9.000	—	—	2,65	2,65	—	—	2,22	5,30	6,86	0,62	1,62	2,45	2,70	7,03	10,65	3,28	A	5,20	5,30	357
	27M 9.000	35M 12.000	—	—	2,57	3,43	—	—	2,22	6,00	7,39	0,62	1,83	2,61	2,70	7,95	11,36	3,28	A	5,20	6,00	404
	27M 9.000	53M 18.000	—	—	2,50	5,00	—	—	2,22	7,50	9,50	0,62	2,29	2,94	2,70	9,94	12,78	3,28	A	5,20	7,50	505
	27M 9.000	70M 24.000	—	—	2,59	6,91	—	—	2,22	9,50	10,02	0,62	2,90	3,12	2,69	12,59	13,57	3,28	A	5,20	9,50	639
	35M 12.000	35M 12.000	—	—	3,50	3,50	—	—	2,22	7,00	7,91	0,62	2,13	2,78	2,70	9,28	12,07	3,28	A	5,20	7,00	471
	35M 12.000	53M 18.000	—	—	3,40	5,10	—	—	2,22	8,50	10,02	0,62	2,59	2,94	2,70	11,27	12,78	3,28	A	5,20	8,50	572
	35M 12.000	70M 24.000	—	—	3,33	6,67	—	—	2,22	10,00	10,55	0,62	3,09	3,19	2,69	13,42	13,85	3,24	A	5,20	10,00	673
	53M 18.000	53M 18.000	—	—	5,00	5,00	—	—	2,22	10,00	10,55	0,62	3,09	3,27	2,70	13,42	14,20	3,24	A	5,20	10,00	673

Notes Pd = Pdesign CEA = Annual Energy Consumption

replaceable indoor unit with HYDRO-M hydronic module

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

COMBINATION TABLES

Outdoor unit: MU2-Y 105M (QUADRI)

OUTDOOR UNIT	INDOOR UNIT				COOLING CAPACITY [kW]				TOTAL COOLING CAPACITY [kW]			POWER INPUT COOLING [kW]			TOTAL COOLING CURRENT [A]			EER	SEASONAL EFFICIENCY (EN14825)			
	A	B	C	D	A	B	C	D	Min.	Std.	Max.	Min.	Std.	Max.	Min.	Std.	Max.	Class	SEER	Pd	CEA [kWh]	
MU2-Y 105M (1x3)	20M 8.000	20M 8.000	20M 8.000	—	2,00	2,00	2,00	—	2,85	6,00	7,39	0,78	1,80	2,94	3,41	7,83	12,78	3,33	A+	5,60	6,00	375
COOLING	20M 8.000	20M 8.000	27M 9.000	—	1,98	1,98	2,54	—	2,85	6,50	7,91	0,78	1,98	3,10	3,41	8,62	13,49	3,28	A+	5,60	6,50	406
	20M 8.000	20M 8.000	35M 12.000	—	2,02	2,02	3,46	—	2,85	7,50	8,97	0,78	2,29	3,27	3,41	9,94	14,20	3,28	A+	5,60	7,50	469
	20M 8.000	20M 8.000	53M 18.000	—	1,97	1,97	5,06	—	2,85	9,00	11,61	0,78	2,74	3,59	3,41	11,93	15,62	3,28	A+	5,80	9,00	543
	20M 8.000	20M 8.000	70M 24.000	—	1,84	1,84	6,32	—	2,85	10,00	11,61	0,78	3,09	3,59	3,41	13,42	15,62	3,24	A+	5,80	10,00	603
	20M 8.000	27M 9.000	27M 9.000	—	1,96	2,52	2,52	—	2,85	7,00	8,97	0,78	2,13	3,27	3,41	9,28	14,20	3,28	A+	5,80	7,00	422
	20M 8.000	27M 9.000	35M 12.000	—	2,00	2,57	3,43	—	2,85	8,00	10,02	0,78	2,44	3,43	3,41	10,60	14,91	3,28	A+	5,80	8,00	483
	20M 8.000	27M 9.000	53M 18.000	—	1,96	2,51	5,03	—	2,85	9,50	11,61	0,78	2,93	3,59	3,41	12,75	15,62	3,24	A+	5,80	9,50	573
	20M 8.000	27M 9.000	70M 24.000	—	1,75	2,25	6,00	—	2,85	10,00	11,61	0,78	3,09	3,59	3,41	13,42	15,62	3,24	A+	5,80	10,00	603
	20M 8.000	35M 12.000	35M 12.000	—	2,03	3,48	3,48	—	2,85	9,00	10,55	0,78	2,78	3,43	3,41	12,08	14,91	3,24	A+	5,80	9,00	543
	20M 8.000	35M 12.000	53M 18.000	—	1,89	3,24	4,86	—	2,85	10,00	11,61	0,78	3,09	3,59	3,41	13,42	15,62	3,24	A+	5,80	10,00	603
	20M 8.000	35M 12.000	70M 24.000	—	1,63	2,79	5,58	—	2,85	10,00	11,61	0,78	3,09	3,59	3,41	13,42	15,62	3,24	A+	5,80	10,00	603
	20M 8.000	53M 18.000	53M 18.000	—	1,63	4,19	4,19	—	2,85	10,00	11,61	0,78	3,09	3,59	3,41	13,42	15,62	3,24	A+	5,80	10,00	603
	27M 9.000	27M 9.000	27M 9.000	—	2,50	2,50	2,50	—	2,85	7,50	10,02	0,78	2,31	3,43	3,41	10,06	14,91	3,24	A+	5,80	7,50	453
	27M 9.000	27M 9.000	35M 12.000	—	2,55	2,55	3,40	—	2,85	8,50	10,55	0,78	2,62	3,43	3,41	11,41	14,91	3,24	A+	5,80	8,50	513
	27M 9.000	27M 9.000	53M 18.000	—	2,50	2,50	5,00	—	2,85	10,00	11,61	0,78	3,09	3,59	3,41	13,42	15,62	3,24	A+	5,80	10,00	603
	27M 9.000	27M 9.000	70M 24.000	—	2,14	2,14	5,71	—	2,85	10,00	11,61	0,78	3,09	3,59	3,41	13,42	15,62	3,24	A+	5,80	10,00	603
	27M 9.000	35M 12.000	35M 12.000	—	2,59	3,45	3,45	—	2,85	9,50	11,61	0,78	2,93	3,59	3,41	12,75	15,62	3,24	A+	5,80	9,50	573
	27M 9.000	35M 12.000	53M 18.000	—	2,31	3,08	4,62	—	2,85	10,00	11,61	0,78	3,09	3,59	3,41	13,42	15,62	3,24	A+	5,80	10,00	603
	27M 9.000	35M 12.000	70M 24.000	—	2,00	2,67	5,33	—	2,85	10,00	11,61	0,78	3,09	3,59	3,41	13,42	15,62	3,24	A+	5,80	10,00	603
	27M 9.000	53M 18.000	53M 18.000	—	2,00	4,00	4,00	—	2,85	10,00	11,61	0,78	3,09	3,59	3,41	13,42	15,62	3,24	A+	5,80	10,00	603
	35M 12.000	35M 12.000	35M 12.000	—	3,33	3,33	3,33	—	2,85	10,00	11,61	0,78	3,09	3,59	3,41	13,42	15,62	3,24	A+	5,80	10,00	603
	35M 12.000	35M 12.000	53M 18.000	—	2,86	2,86	4,29	—	2,85	10,00	11,61	0,78	3,09	3,59	3,41	13,42	15,62	3,24	A+	5,80	10,00	603
	35M 12.000	35M 12.000	70M 24.000	—	2,50	2,50	5,00	—	2,85	10,00	11,61	0,78	3,09	3,59	3,41	13,42	15,62	3,24	A+	5,80	10,00	603
	35M 12.000	53M 18.000	53M 18.000	—	2,50	3,75	3,75	—	2,85	10,00	11,61	0,78	3,09	3,59	3,41	13,42	15,62	3,24	A+	5,80	10,00	603

Notes Pd = Pdesign CEA = Annual Energy Consumption

replaceable indoor unit with HYDRO-M hydronic module

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

COMBINATION TABLES

Outdoor unit: MU2-Y 105M (QUADRI)

OUTDOOR UNIT	INDOOR UNIT				COOLING CAPACITY [kW]				TOTAL COOLING CAPACITY [kW]			POWER INPUT COOLING [kW]			TOTAL COOLING CURRENT [A]			EER	SEASONAL EFFICIENCY (EN14825)			
	A	B	C	D	A	B	C	D	Min.	Std.	Max.	Min.	Std.	Max.	Min.	Std.	Max.		Class	SEER	Pd	CEA [kWh]
MULTISPLIT MU2-Y105M (1x4)	20M 8.000	20M 8.000	20M 8.000	20M 8.000	2,05 1,98	2,05 1,98	2,05 1,98	2,05 2,55	3,69 3,69	8,20 8,50	10,55 11,61	0,88 0,88	2,29 2,47	3,27 3,43	3,83 3,83	9,96 10,74	14,20 14,91	3,58 3,44	A++	6,10	8,20	470
	20M 8.000	20M 8.000	20M 8.000	27M 9.000	1,98 1,98	1,98 1,98	1,98 1,98	2,55 3,45	3,69 3,69	8,50 9,50	11,61 12,66	0,88 0,88	2,47 2,86	3,43 3,85	3,83 3,83	10,74 12,44	14,91 16,76	3,44 3,32	A++	6,10	8,50	488
	20M 8.000	20M 8.000	20M 8.000	35M 12.000	2,02 1,87	2,02 1,87	2,02 1,87	3,45 4,80	3,69 3,69	9,50 10,40	12,66 13,72	0,88 0,88	2,86 3,22	3,85 3,98	3,83 3,83	12,44 14,00	16,76 17,33	3,32 3,23	A++	6,10	9,50	545
	20M 8.000	20M 8.000	20M 8.000	53M 18.000	1,87 1,87	1,87 1,87	1,87 1,87	4,80 3,45	3,69 3,69	10,40 9,50	13,72 12,66	0,88 0,88	3,22 2,71	3,85 3,85	3,83 3,83	14,00 11,79	17,33 16,76	3,23 3,32	A++	6,20	10,40	587
	20M 8.000	20M 8.000	20M 8.000	70M 24.000	1,65 1,65	1,65 1,65	1,65 1,65	5,65 5,65	3,69 3,69	10,60 10,60	13,72 13,72	0,88 0,88	3,28 3,28	3,98 3,98	3,83 3,83	14,27 14,27	17,33 17,33	3,23 3,23	A++	6,20	10,60	598
	20M 8.000	20M 8.000	27M 9.000	27M 9.000	1,97 1,97	1,97 1,97	2,53 2,53	2,53 2,53	3,69 3,69	9,00 9,00	12,66 12,66	0,88 0,88	2,71 2,71	3,85 3,85	3,83 3,83	11,79 11,79	16,76 16,76	3,32 3,32	A++	6,20	9,00	508
	20M 8.000	20M 8.000	27M 9.000	35M 12.000	2,00 2,00	2,00 2,00	2,57 2,57	3,43 3,43	3,69 3,69	10,00 10,00	13,19 13,19	0,88 0,88	3,09 3,09	3,92 3,92	3,83 3,83	13,42 13,42	17,04 17,04	3,24 3,24	A++	6,20	10,00	565
	20M 8.000	20M 8.000	27M 9.000	53M 18.000	1,81 1,81	1,81 1,81	2,33 2,33	4,65 4,65	3,69 3,69	10,60 10,60	13,72 13,72	0,88 0,88	3,28 3,28	3,98 3,98	3,83 3,83	14,27 14,27	17,33 17,33	3,23 3,23	A++	6,20	10,60	598
	20M 8.000	20M 8.000	27M 9.000	70M 24.000	1,58 1,58	1,58 1,58	2,03 2,03	5,41 5,41	3,69 3,69	10,60 10,60	13,72 13,72	0,88 0,88	3,28 3,28	3,98 3,98	3,83 3,83	14,27 14,27	17,33 17,33	3,23 3,23	A++	6,20	10,60	598
	20M 8.000	20M 8.000	35M 12.000	35M 12.000	1,95 1,95	1,95 1,95	3,35 3,35	3,35 3,35	3,69 3,69	10,60 10,60	13,72 13,72	0,88 0,88	3,28 3,28	3,98 3,98	3,83 3,83	14,27 14,27	17,33 17,33	3,23 3,23	A++	6,20	10,60	598
	20M 8.000	20M 8.000	35M 12.000	53M 18.000	1,69 1,69	1,69 1,69	2,89 2,89	4,34 4,34	3,69 3,69	10,60 10,60	13,72 13,72	0,88 0,88	3,28 3,28	3,98 3,98	3,83 3,83	14,27 14,27	17,33 17,33	3,23 3,23	A++	6,20	10,60	598
	20M 8.000	20M 8.000	53M 18.000	53M 18.000	1,48 1,48	1,48 1,48	3,82 3,82	3,82 3,82	3,69 3,69	10,60 10,60	13,72 13,72	0,88 0,88	3,28 3,28	3,98 3,98	3,83 3,83	14,27 14,27	17,33 17,33	3,23 3,23	A++	6,20	10,60	598
	20M 8.000	27M 9.000	27M 9.000	27M 9.000	1,96 1,96	2,51 2,51	2,51 2,51	2,51 2,51	3,69 3,69	9,50 9,50	13,19 13,19	0,88 0,88	2,92 2,92	3,85 3,85	3,83 3,83	12,71 12,71	16,76 16,76	3,25 3,25	A++	6,20	9,50	536
	20M 8.000	27M 9.000	27M 9.000	35M 12.000	2,01 2,01	2,58 2,58	2,58 2,58	3,44 3,44	3,69 3,69	10,60 10,60	13,72 13,72	0,88 0,88	3,28 3,28	3,98 3,98	3,83 3,83	14,27 14,27	17,33 17,33	3,23 3,23	A++	6,20	10,60	598
	20M 8.000	27M 9.000	27M 9.000	53M 18.000	1,73 1,73	2,22 2,22	2,22 2,22	4,44 4,44	3,69 3,69	10,60 10,60	13,72 13,72	0,88 0,88	3,28 3,28	3,98 3,98	3,83 3,83	14,27 14,27	17,33 17,33	3,23 3,23	A++	6,20	10,60	598
	20M 8.000	27M 9.000	27M 9.000	70M 24.000	1,51 1,51	1,95 1,95	1,95 1,95	5,19 5,19	3,69 3,69	10,60 10,60	13,72 13,72	0,88 0,88	3,28 3,28	3,98 3,98	3,83 3,83	14,27 14,27	17,33 17,33	3,23 3,23	A++	6,20	10,60	598
	20M 8.000	27M 9.000	27M 9.000	35M 12.000	1,86 1,86	2,39 2,39	3,18 3,18	3,18 3,18	3,69 3,69	10,60 10,60	13,72 13,72	0,88 0,88	3,28 3,28	3,98 3,98	3,83 3,83	14,27 14,27	17,33 17,33	3,23 3,23	A++	6,20	10,60	598
	20M 8.000	27M 9.000	27M 9.000	53M 18.000	1,61 1,61	2,07 2,07	2,77 2,77	4,15 4,15	3,69 3,69	10,60 10,60	13,72 13,72	0,88 0,88	3,28 3,28	3,98 3,98	3,83 3,83	14,27 14,27	17,33 17,33	3,23 3,23	A++	6,20	10,60	598
	20M 8.000	27M 9.000	53M 18.000	53M 18.000	1,43 1,43	1,83 1,83	3,67 3,67	3,67 3,67	3,69 3,69	10,60 10,60	13,72 13,72	0,88 0,88	3,28 3,28	3,98 3,98	3,83 3,83	14,27 14,27	17,33 17,33	3,23 3,23	A++	6,20	10,60	598
	20M 8.000	35M 12.000	35M 12.000	35M 12.000	1,73 1,73	2,96 2,96	2,96 2,96	2,96 2,96	3,69 3,69	10,60 10,60	13,72 13,72	0,88 0,88	3,28 3,28	3,98 3,98	3,83 3,83	14,27 14,27	17,33 17,33	3,23 3,23	A++	6,20	10,60	598
	20M 8.000	35M 12.000	35M 12.000	53M 18.000	1,51 1,51	2,60 2,60	2,60 2,60	3,89 3,89	3,69 3,69	10,60 10,60	13,72 13,72	0,88 0,88	3,28 3,28	3,98 3,98	3,83 3,83	14,27 14,27	17,33 17,33	3,23 3,23	A++	6,20	10,60	598
	20M 8.000	35M 12.000	35M 12.000	70M 24.000	2,25 2,25	2,25 2,25	3,00 3,00	3,00 3,00	3,69 3,69	10,50 10,50	13,72 13,72	0,88 0,88	3,25 3,25	3,98 3,98	3,83 3,83	14,13 14,13	17,33 17,33	3,23 3,23	A++	6,50	10,50	565
	20M 8.000	35M 12.000	35M 12.000	53M 18.000	1,97 1,97	1,97 1,97	2,63 2,63	3,94 3,94	3,69 3,69	10,50 10,50	13,72 13,72	0,88 0,88	3,25 3,25	3,98 3,98	3,83 3,83	14,13 14,13	17,33 17,33	3,23 3,23	A++	6,50	10,50	565
	20M 8.000	35M 12.000	35M 12.000	70M 24.000	2,10 2,10	2,80 2,80	2,80 2,80	3,69 3,69	10,50 10,50	13,72 13,72	0,88 0,88	3,25 3,25	3,98 3,98	3,83 3,83	14,13 14,13	17,33 17,33	3,23 3,23	A++	6,50	10,50	565	
	20M 8.000	35M 12.000	35M 12.000	53M 18.000	1,85 1,85	2,47 2,47	2,47 2,47	3,71 3,71	3,69 3,69	10,50 10,50	13,72 13,72	0,88 0,88	3,25 3,25	3,98 3,98	3,83 3,83	14,13 14,13	17,33 17,33	3,23 3,23	A++	6,50	10,50	565
	35M 12.000	35M 12.000	35M 12.000	35M 12.000	2,63 2,63	2,63 2,63	2,63 2,63	3,69 3,69	10,50 10,50	13,72 13,72	0,88 0,88	3,25 3,25	3,98 3,98	3,83 3,83	14,13 14,13	17,33 17,33	3,23 3,23	A++	6,50	10,50	565	
	35M 12.000	35M 12.000	35M 12.000	53M 12.000	2,63 2,63	2,63 2,63	2,63 2,63	3,69 3,69	10,50 10,50	13,72 13,72	0,88 0,88	3,25 3,25	3,98 3,98	3,83 3,83	14,13 14,13	17,33 17,33	3,23 3,23	A++	6,50	10,50	565	

Notes Pd = Pdesign CEA = Annual Energy Consumption

replaceable indoor unit with HYDRO-M hydronic module

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

COMBINATION TABLES

Outdoor unit: MU2-Y 105M (QUADRI)

OUTDOOR UNIT	INDOOR UNIT				HEATING CAPACITY [kW]				TOTAL HEATING CAPACITY [kW]			ABSORBED HEATING CAPACITY [kW]			TOTAL COOLING CURRENT [A]			COP	SEASONAL EFFICIENCY (EN14825)						
	A	B	C	D	A	B	C	D	Min.	Std.	Max.	Min.	Std.	Max.	Min.	Std.	Max.		Class	SCOP	Pd	CEA [kWh]			
MU2-Y 105M (x1)	20M	—	—	—	3,00	—	—	—	1,58	3,00	3,20	0,45	0,81	1,01	1,96	3,52	4,39	3,71	—	—	—	—			
	8.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
	27M	—	—	—	3,80	—	—	—	1,58	3,80	3,90	0,45	1,02	1,23	1,96	4,45	5,34	3,71	—	—	—	—			
	9.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
	35M	—	—	—	5,20	—	—	—	1,79	5,20	7,00	0,55	1,40	1,61	2,39	6,09	7,01	3,71	—	—	—	—			
	12.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
	53M	—	—	—	7,20	—	—	—	1,79	7,20	8,00	0,58	1,94	2,23	2,52	8,44	9,70	3,71	—	—	—	—			
	18.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
	70M	—	—	—	11,10	—	—	—	—	—	—	—	—	—	—	—	—	—	3,71	A	3,80	8,80	3246		
	24.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
HEATING MU2-Y 105M (x2)	HYDRO-M	—	—	—	2,50	2,50	—	—	2,22	5,00	6,33	0,54	1,35	1,85	2,35	5,86	8,04	3,71	A	3,40	4,34	1787			
	20M	20M	8.000	—	—	2,45	3,15	—	—	2,22	5,60	6,54	0,54	1,51	1,99	2,35	6,56	8,65	3,71	A	3,40	3,88	1596		
	8.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
	20M	27M	8.000	9.000	—	—	2,21	3,79	—	—	2,22	6,00	6,86	0,54	1,62	2,13	2,35	7,03	9,27	3,71	A	3,40	4,34	1787	
	8.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
	20M	35M	8.000	12.000	—	—	2,24	5,76	—	—	2,22	8,00	8,44	0,54	2,16	2,50	2,35	9,38	10,88	3,71	A	3,40	4,65	1915	
	8.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
	20M	53M	8.000	18.000	—	—	2,17	7,43	—	—	2,22	9,60	10,23	0,54	2,59	2,67	2,35	11,25	11,62	3,71	A	3,40	4,65	1915	
	8.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
	20M	70M	8.000	24.000	—	—	3,00	3,00	—	—	2,22	6,00	6,86	0,54	1,62	2,13	2,35	7,03	9,27	3,71	A	3,40	6,20	2553	
	8.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
	27M	27M	9.000	9.000	—	—	3,00	4,00	—	—	2,22	7,00	7,39	0,54	1,89	2,27	2,35	8,20	9,89	3,71	A	3,40	4,65	1915	
	9.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
	27M	35M	9.000	12.000	—	—	2,93	5,87	—	—	2,22	8,80	9,50	0,54	2,37	2,56	2,35	10,31	11,13	3,71	A	3,40	5,43	2234	
	9.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
	27M	53M	9.000	18.000	—	—	2,67	7,13	—	—	2,22	9,80	10,13	0,54	2,64	2,70	2,35	11,48	11,75	3,71	A	3,40	4,65	1915	
	9.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
	27M	70M	9.000	24.000	—	—	3,75	3,75	—	—	2,22	7,50	7,91	0,54	2,02	2,42	2,35	8,79	10,51	3,71	A	3,40	6,82	2808	
	9.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
	35M	35M	12.000	12.000	—	—	3,76	5,64	—	—	2,22	9,40	10,02	0,54	2,53	2,56	2,35	11,02	11,13	3,71	A	3,40	5,81	2393	
	12.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
	35M	53M	12.000	18.000	—	—	3,33	6,67	—	—	2,22	10,00	10,34	0,54	2,70	2,79	2,35	11,72	12,12	3,71	A	3,40	4,65	1915	
	12.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
	35M	70M	12.000	24.000	—	—	5,05	5,05	—	—	2,22	10,10	10,55	0,54	2,72	2,84	2,35	11,84	12,36	3,71	A	3,50	7,29	2914	
	12.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
	53M	53M	18.000	18.000	—	—	5,05	5,05	—	—	2,33	10,10	11,10	0,57	2,72	2,99	2,51	12,16	13,19	3,71	A	3,60	7,29	2833	

MULTISplit

Notes Pd = Pdesign CEA = Annual Energy Consumption

replaceable indoor unit with HYDRO-M hydronic module

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

COMBINATION TABLES

Outdoor unit: MU2-Y 105M (QUADRI)

OUTDOOR UNIT	INDOOR UNIT				HEATING CAPACITY [kW]				TOTAL HEATING CAPACITY [kW]			ABSORBED HEATING CAPACITY [kW]			TOTAL COOLING CURRENT [A]			COP	SEASONAL EFFICIENCY (EN14825)		
	A	B	C	D	A	B	C	D	Min.	Std.	Max.	Min.	Std.	Max.	Min.	Std.	Max.		Class	SCOP	Pd	CEA [kWh]
MULTISPLIT HEATING	20M 8.000	20M 8.000	20M 8.000	—	2,50 —	2,50 —	2,50 —	—	2,85 —	7,50 —	7,39 —	0,68 2,02	2,02 2,56	2,56 —	2,97 8,79	8,79 11,13	11,13 3,71	A	3,60	8,40	3267
	20M 8.000	20M 8.000	27M 9.000	—	2,37 —	2,37 —	3,05 —	—	2,85 —	7,80 —	7,91 —	0,68 2,10	2,10 2,70	2,70 —	2,97 9,14	9,14 11,75	11,75 3,71	A	3,60	5,81	2260
	20M 8.000	20M 8.000	35M 12.000	—	2,29 —	2,29 —	3,92 —	—	2,85 —	8,50 —	8,97 —	0,68 2,29	2,29 2,84	2,84 —	2,97 9,96	9,96 12,36	12,36 3,71	A	3,60	6,05	2351
	20M 8.000	20M 8.000	53M 18.000	—	2,34 —	2,34 —	6,02 —	—	2,85 —	10,70 —	11,61 —	0,68 2,88	2,88 3,13	3,13 —	2,97 12,54	12,54 13,60	13,60 3,71	A	3,60	6,59	2562
	20M 8.000	20M 8.000	70M 24.000	—	1,97 —	1,97 —	6,76 —	—	2,85 —	10,70 —	11,61 —	0,68 2,88	2,88 3,13	3,13 —	2,97 12,54	12,54 13,60	13,60 3,71	A	3,60	6,59	2562
	20M 8.000	27M 9.000	27M 9.000	—	2,38 —	3,06 —	3,06 —	—	2,85 —	8,50 —	8,97 —	0,68 2,29	2,29 2,84	2,84 —	2,97 9,96	9,96 12,36	12,36 3,71	A	3,60	8,60	3344
	20M 8.000	27M 9.000	35M 12.000	—	2,50 —	3,21 —	4,29 —	—	2,85 —	10,00 —	10,02 —	0,68 2,70	2,70 2,99	2,99 —	2,97 11,72	11,72 12,98	12,98 3,71	A	3,60	6,59	2562
	20M 8.000	27M 9.000	53M 18.000	—	2,20 —	2,83 —	5,66 —	—	2,85 —	10,70 —	11,61 —	0,68 2,88	2,88 3,13	3,13 —	2,97 12,54	12,54 13,60	13,60 3,71	A	3,60	7,75	3014
	20M 8.000	27M 9.000	70M 24.000	—	1,87 —	2,41 —	6,42 —	—	2,85 —	10,70 —	11,61 —	0,68 2,88	2,88 3,13	3,13 —	2,97 12,54	12,54 13,60	13,60 3,71	A	3,60	7,75	3014
	20M 8.000	35M 12.000	35M 12.000	—	2,28 —	3,91 —	3,91 —	—	2,85 —	10,10 —	10,55 —	0,68 2,72	2,72 2,99	2,99 —	2,97 11,84	11,84 12,98	12,98 3,71	A	3,60	8,60	3344
	20M 8.000	35M 12.000	53M 18.000	—	2,02 —	3,47 —	5,21 —	—	2,85 —	10,70 —	11,61 —	0,68 2,88	2,88 3,13	3,13 —	2,97 12,54	12,54 13,60	13,60 3,71	A	3,60	8,40	3267
	20M 8.000	35M 12.000	70M 24.000	—	1,74 —	2,99 —	5,97 —	—	2,85 —	10,70 —	11,61 —	0,68 2,88	2,88 3,13	3,13 —	2,97 12,54	12,54 13,60	13,60 3,71	A	3,60	8,40	3267
	20M 8.000	53M 18.000	53M 18.000	—	1,74 —	4,48 —	4,48 —	—	2,85 —	10,70 —	11,61 —	0,68 2,88	2,88 3,13	3,13 —	2,97 12,54	12,54 13,60	13,60 3,71	A	3,60	8,60	3344
	27M 9.000	27M 9.000	27M 9.000	—	3,33 —	3,33 —	3,33 —	—	2,85 —	10,00 —	10,02 —	0,68 2,70	2,70 2,99	2,99 —	2,97 11,72	11,72 12,98	12,98 3,71	A	3,60	8,60	3344
	27M 9.000	27M 9.000	35M 12.000	—	3,03 —	3,03 —	4,04 —	—	2,85 —	10,10 —	10,55 —	0,68 2,72	2,72 2,99	2,99 —	2,97 11,84	11,84 12,98	12,98 3,71	A	3,60	7,75	3014
	27M 9.000	27M 9.000	53M 18.000	—	2,68 —	2,68 —	5,35 —	—	2,85 —	10,70 —	11,61 —	0,68 2,88	2,88 3,13	3,13 —	2,97 12,54	12,54 13,60	13,60 3,71	A	3,60	8,40	3267
	27M 9.000	27M 9.000	70M 24.000	—	2,29 —	2,29 —	6,11 —	—	2,73 —	10,70 —	11,11 —	0,65 2,88	2,88 2,99	2,99 —	2,84 12,54	12,54 13,60	13,60 3,71	A	3,60	8,40	3267
	27M 9.000	35M 12.000	35M 12.000	—	2,92 —	3,89 —	3,89 —	—	2,85 —	10,70 —	11,61 —	0,68 2,88	2,88 3,13	3,13 —	2,97 12,54	12,54 13,60	13,60 3,71	A	3,60	8,60	3344
	27M 9.000	35M 12.000	53M 18.000	—	2,47 —	3,29 —	4,94 —	—	2,85 —	10,70 —	11,61 —	0,68 2,88	2,88 3,13	3,13 —	2,97 12,54	12,54 13,60	13,60 3,71	A	3,60	8,60	3344
	27M 9.000	35M 12.000	70M 24.000	—	2,14 —	2,85 —	5,71 —	—	2,85 —	10,70 —	11,61 —	0,68 2,88	2,88 3,13	3,13 —	2,97 12,54	12,54 13,60	13,60 3,71	A	3,60	8,60	3344
	27M 9.000	53M 18.000	53M 18.000	—	2,14 —	4,28 —	4,28 —	—	2,85 —	10,70 —	11,61 —	0,68 2,88	2,88 3,13	3,13 —	2,97 12,54	12,54 13,60	13,60 3,71	A	3,60	8,60	3344
	35M 12.000	35M 12.000	35M 12.000	—	3,57 —	3,57 —	3,57 —	—	2,85 —	10,70 —	11,61 —	0,68 2,88	2,88 3,13	3,13 —	2,97 12,54	12,54 13,60	13,60 3,71	A	3,60	8,60	3344
	35M 12.000	35M 12.000	53M 18.000	—	3,06 —	3,06 —	4,59 —	—	2,85 —	10,70 —	11,61 —	0,68 2,88	2,88 3,13	3,13 —	2,97 12,54	12,54 13,60	13,60 3,71	A	3,60	8,60	3344
	35M 12.000	35M 12.000	70M 24.000	—	2,68 —	2,68 —	5,35 —	—	2,85 —	10,70 —	11,61 —	0,68 2,88	2,88 3,13	3,13 —	2,97 12,54	12,54 13,60	13,60 3,71	A	3,60	8,60	3344
	35M 12.000	53M 18.000	53M 18.000	—	2,68 —	4,01 —	4,01 —	—	2,85 —	10,70 —	11,61 —	0,68 2,88	2,88 3,13	3,13 —	2,97 12,54	12,54 13,60	13,60 3,71	A	3,60	8,60	3344

Notes Pd = Pdesign CEA = Annual Energy Consumption

replaceable indoor unit with HYDRO-M hydronic module

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

COMBINATION TABLES

Outdoor unit: MU2-Y 105M (QUADRI)

OUTDOOR UNIT	INDOOR UNIT				HEATING CAPACITY [KW]				TOTAL HEATING CAPACITY [KW]			ABSORBED HEATING CAPACITY [KW]			TOTAL COOLING CURRENT [A]			COP	SEASONAL EFFICIENCY (EN14825)			
	A	B	C	D	A	B	C	D	Min.	Std.	Max.	Min.	Std.	Max.	Min.	Std.	Max.		Class	SCOP	Pd	CEA [kWh]
MU2-Y 105M (14)	20M 8.000	20M 8.000	20M 8.000	20M 8.000	2,50	2,50	2,50	2,50	3,69	10,00	10,55	0,77	2,70	2,84	3,34	11,72	12,36	3,71	A	3,80	8,60	3168
	20M 8.000	20M 8.000	20M 8.000	27M 9.000	2,36	2,36	2,36	3,03	3,69	10,10	11,08	0,77	2,72	2,99	3,34	11,84	12,98	3,71	A	3,80	7,75	2855
	20M 8.000	20M 8.000	20M 8.000	35M 12.000	2,31	2,31	2,31	3,96	3,69	10,90	11,61	0,77	2,94	3,13	3,34	12,77	13,60	3,71	A	3,80	8,50	3132
	20M 8.000	20M 8.000	20M 8.000	53M 18.000	1,99	1,99	1,99	5,12	3,69	11,10	12,66	0,77	2,99	3,70	3,34	13,01	16,07	3,71	A	3,80	8,80	3242
	20M 8.000	20M 8.000	20M 8.000	70M 24.000	1,73	1,73	1,73	5,92	3,69	11,10	12,66	0,77	2,99	3,70	3,34	13,01	16,07	3,71	A	3,80	8,80	3242
	20M 8.000	20M 8.000	27M 9.000	27M 9.000	2,38	2,38	3,07	3,07	3,69	10,90	11,61	0,77	2,94	3,13	3,34	12,77	13,60	3,71	A	3,80	8,80	3242
	20M 8.000	20M 8.000	27M 9.000	35M 12.000	2,22	2,22	2,85	3,81	3,69	11,10	12,13	0,77	2,99	3,41	3,34	13,01	14,84	3,71	A	3,80	8,80	3242
	20M 8.000	20M 8.000	27M 9.000	53M 18.000	1,90	1,90	2,44	4,87	3,69	11,10	12,66	0,77	2,99	3,70	3,34	13,01	16,07	3,71	A	3,80	8,80	3242
	20M 8.000	20M 8.000	27M 9.000	70M 24.000	1,65	1,65	2,13	5,67	3,69	11,10	12,66	0,77	2,99	3,70	3,34	13,01	16,07	3,71	A	3,80	8,80	3242
	20M 8.000	20M 8.000	35M 12.000	35M 12.000	2,04	2,04	3,51	3,51	3,69	11,10	12,66	0,77	2,99	3,70	3,34	13,01	16,07	3,71	A	3,80	8,80	3242
	20M 8.000	20M 8.000	35M 12.000	53M 18.000	1,77	1,77	3,03	4,54	3,69	11,10	12,66	0,77	2,99	3,70	3,34	13,01	16,07	3,71	A	3,80	8,80	3242
	20M 8.000	20M 8.000	35M 12.000	70M 18.000	1,65	1,65	2,13	5,67	3,69	11,10	12,66	0,77	2,99	3,70	3,34	13,01	16,07	3,71	A	3,80	8,80	3242
	20M 8.000	20M 8.000	35M 12.000	53M 18.000	1,55	1,55	4,00	4,00	3,69	11,10	12,66	0,77	2,99	3,70	3,34	13,01	16,07	3,71	A	3,80	8,80	3242
	20M 8.000	20M 8.000	35M 12.000	53M 18.000	1,55	1,55	4,00	4,00	3,69	11,10	12,66	0,77	2,99	3,70	3,34	13,01	16,07	3,71	A	3,80	8,80	3242
	20M 8.000	27M 9.000	27M 9.000	27M 9.000	2,29	2,94	2,94	2,94	3,69	11,10	12,13	0,77	2,99	3,27	3,34	13,01	14,22	3,71	A	3,80	8,80	3242
	20M 8.000	27M 9.000	27M 9.000	35M 12.000	2,10	2,70	2,70	3,60	3,69	11,10	12,66	0,77	2,99	3,70	3,34	13,01	16,07	3,71	A	3,80	8,80	3242
	20M 8.000	27M 9.000	27M 9.000	53M 18.000	1,81	2,32	2,32	4,65	3,69	11,10	12,66	0,77	2,99	3,70	3,34	13,01	16,07	3,71	A	3,80	8,80	3242
	20M 8.000	27M 9.000	27M 9.000	70M 24.000	1,59	2,04	2,04	5,44	3,69	11,10	12,66	0,77	2,99	3,70	3,34	13,01	16,07	3,71	A	3,80	8,80	3242
	20M 8.000	27M 9.000	27M 9.000	53M 12.000	1,94	2,50	3,33	3,33	3,69	11,10	12,66	0,77	2,99	3,70	3,34	13,01	16,07	3,71	A	3,80	8,80	3242
	20M 8.000	27M 9.000	27M 9.000	35M 18.000	1,69	2,17	2,90	4,34	3,69	11,10	12,66	0,77	2,99	3,70	3,34	13,01	16,07	3,71	A	3,80	8,80	3242
	20M 8.000	27M 9.000	27M 9.000	53M 18.000	1,49	1,92	3,84	3,84	3,69	11,10	12,66	0,77	2,99	3,70	3,34	13,01	16,07	3,71	A	3,80	8,80	3242
	20M 8.000	35M 12.000	35M 12.000	35M 12.000	1,81	3,10	3,10	3,10	3,69	11,10	12,66	0,77	2,99	3,70	3,34	13,01	16,07	3,71	A	3,80	8,80	3242
	20M 8.000	35M 12.000	35M 12.000	53M 18.000	1,59	2,72	2,72	4,08	3,69	11,10	12,66	0,77	2,99	3,70	3,34	13,01	16,07	3,71	A	3,80	8,80	3242
	27M 9.000	27M 9.000	27M 9.000	27M 9.000	2,64	2,64	2,64	2,64	3,69	10,55	12,66	0,77	2,84	3,70	3,34	12,36	16,07	3,71	A+	4,00	9,20	3220
	27M 9.000	27M 9.000	27M 9.000	35M 12.000	2,56	2,56	2,56	3,42	3,69	11,10	12,66	0,77	2,99	3,70	3,34	13,01	16,07	3,71	A+	4,00	9,20	3220
	27M 9.000	27M 9.000	27M 9.000	53M 18.000	2,22	2,22	2,22	4,44	3,69	11,10	12,66	0,77	2,99	3,70	3,34	13,01	16,07	3,71	A+	4,00	9,20	3220
	27M 9.000	27M 9.000	27M 9.000	35M 12.000	2,38	2,38	3,17	3,17	3,69	11,10	12,66	0,77	2,99	3,70	3,34	13,01	16,07	3,71	A+	4,00	9,20	3220
	27M 9.000	27M 9.000	27M 9.000	53M 12.000	2,08	2,08	2,78	4,16	3,69	11,10	12,66	0,77	2,99	3,70	3,34	13,01	16,07	3,71	A+	4,00	9,20	3220
	27M 9.000	35M 12.000	35M 12.000	35M 12.000	2,22	2,96	2,96	2,96	3,69	11,10	12,66	0,77	2,99	3,70	3,34	13,01	16,07	3,71	A+	4,00	9,20	3220
	27M 9.000	35M 12.000	35M 12.000	53M 18.000	1,96	2,61	2,61	3,92	3,69	11,10	12,66	0,77	2,99	3,70	3,34	13,01	16,07	3,71	A+	4,00	9,20	3220
	35M 12.000	35M 12.000	35M 12.000	35M 12.000	2,78	2,78	2,78	2,78	3,69	11,10	12,66	0,77	2,99	3,70	3,34	13,01	16,07	3,71	A+	4,00	9,20	3220

Notes Pd = Pdesign CEA = Annual Energy Consumption

replaceable indoor unit with HYDRO-M hydronic module

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

COMBINATION TABLES

Outdoor unit: MU2-Y 125M (PENTA)

OUTDOOR UNIT	INDOOR UNIT					COOLING CAPACITY [kW]					TOTAL COOLING CAPACITY [kW]			POWER INPUT COOLING [kW]			TOTAL COOLING CURRENT [A]			EER	SEASONAL EFFICIENCY (EN14825)			
	A	B	C	D	E	A	B	C	D	E	Min.	Std.	Max.	Min.	Std.	Max.	Min.	Std.	Max.		Class	SEER	Pd	CEA [kWh]
	MU2-Y 125M (Hz)																							
MU2-Y 125M (Hz)	20M	—	—	—	—	2,00	—	—	—	—	1,66	2,00	2,90	0,45	1,02	1,28	1,96	4,44	5,56	3,22	—	—	—	—
	8.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	27M	—	—	—	—	2,50	—	—	—	—	1,66	2,50	3,20	0,45	1,28	1,60	1,96	5,56	6,94	3,20	—	—	—	—
	9.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	35M	—	—	—	—	3,50	—	—	—	—	1,66	3,50	3,90	0,45	1,79	2,15	1,96	7,78	9,33	3,18	—	—	—	—
	12.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	53M	—	—	—	—	5,00	—	—	—	—	1,85	5,00	6,50	0,58	1,98	2,28	2,52	8,62	9,91	3,12	—	—	—	—
	18.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	70M	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	24.000	—	—	—	—	7,00	—	—	—	—	—	2,09	7,00	8,20	0,70	2,30	2,42	3,04	10,00	10,50	3,07	—	—	—
MU2-Y 125M (Hz)	20M	20M	—	—	—	2,10	2,10	—	—	—	2,34	4,20	7,38	0,65	1,49	2,21	2,81	6,49	9,60	3,16	A	5,10	4,20	288
	8.000	8.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	27M	—	—	—	2,06	2,64	—	—	—	2,34	4,70	7,63	0,65	1,67	2,36	2,81	7,26	10,27	3,14	A	5,10	4,70	323
	8.000	9.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	35M	—	—	—	2,03	3,47	—	—	—	2,34	5,50	8,00	0,65	1,95	2,55	2,81	8,50	11,09	3,12	A	5,10	5,50	377
	8.000	12.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	53M	—	—	—	1,96	5,04	—	—	—	2,34	7,00	9,84	0,65	2,49	2,70	2,81	10,81	11,76	3,06	A	5,10	7,00	480
	8.000	18.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	70M	—	—	—	2,05	7,05	—	—	—	2,34	9,10	11,69	0,65	3,23	3,05	2,81	14,06	13,25	3,01	A	5,10	9,10	625
	8.000	24.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
COOLING	27M	27M	—	—	—	2,65	2,65	—	—	—	2,34	5,30	8,00	0,65	1,88	2,55	2,81	8,19	11,09	3,12	A	5,10	5,30	364
	9.000	9.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	27M	35M	—	—	—	2,57	3,43	—	—	—	2,34	6,00	8,61	0,65	2,13	2,59	2,81	9,27	11,26	3,10	A	5,10	6,00	412
	9.000	12.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	27M	53M	—	—	—	2,50	5,00	—	—	—	2,34	7,50	11,07	0,65	2,66	2,86	2,81	11,59	12,42	3,04	A	5,10	7,50	515
	9.000	18.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	27M	70M	—	—	—	2,65	7,05	—	—	—	2,34	9,70	12,30	0,65	3,45	3,24	2,81	14,98	14,07	2,99	A	5,10	9,70	666
	9.000	24.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	35M	35M	—	—	—	3,50	3,50	—	—	—	2,34	7,00	9,23	0,65	2,49	2,70	2,81	10,81	11,76	3,07	A	5,10	7,00	480
	12.000	12.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
HEATING	35M	53M	—	—	—	3,40	5,10	—	—	—	2,34	8,50	11,69	0,65	3,02	3,12	2,81	13,13	13,58	3,02	A	5,10	8,50	583
	12.000	18.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	35M	70M	—	—	—	3,33	6,67	—	—	—	2,34	10,00	12,30	0,65	3,55	3,43	2,81	15,45	14,90	2,97	A	5,10	10,00	686
	12.000	24.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	53M	53M	—	—	—	5,25	5,25	—	—	—	2,34	10,50	12,30	0,65	3,73	3,43	2,81	16,22	14,90	2,96	A	5,10	10,50	721
	18.000	18.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	53M	70M	—	—	—	4,93	6,57	—	—	—	2,34	11,50	12,50	0,65	3,88	3,42	2,81	16,88	14,86	2,96	A	5,10	11,50	789
	18.000	24.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Notes Pd = Pdesign CEA = Annual Energy Consumption

COMBINATION TABLES

Outdoor unit: MU2-Y 125M (PENTA)

OUTDOOR UNIT	INDOOR UNIT					COOLING CAPACITY [kW]					TOTAL COOLING CAPACITY [kW]			POWER INPUT COOLING [kW]			TOTAL COOLING CURRENT [A]			EER	SEASONAL EFFICIENCY (EN14825)			
	A	B	C	D	E	A	B	C	D	E	Min.	Std.	Max.	Min.	Std.	Max.	Min.	Std.	Max.		Class	SEER	Pd	CEA [kWh]
MU2Y125M (h3)	20M 8.000	20M 8.000	20M 8.000	—	—	2,00	2,00	2,00	—	—	2,89	6,00	7,38	0,80	1,73	3,05	3,48	7,50	13,25	3,10	A	5,30	6,00	396
	20M 8.000	20M 8.000	27M 9.000	—	—	1,98	1,98	2,54	—	—	2,89	6,50	8,61	0,80	1,87	3,24	3,48	8,13	14,07	3,08	A	5,30	6,50	429
	20M 8.000	20M 8.000	35M 12.000	—	—	2,02	2,02	3,46	—	—	2,89	7,50	9,23	0,80	2,16	3,43	3,48	9,38	14,90	3,06	A	5,30	7,50	495
	20M 8.000	20M 8.000	53M 18.000	—	—	1,97	1,97	5,06	—	—	2,89	9,00	11,07	0,80	2,59	3,62	3,48	11,25	15,73	3,00	A	5,30	9,00	594
	20M 8.000	20M 8.000	70M 24.000	—	—	2,03	2,03	6,95	—	—	2,89	11,00	12,92	0,80	3,16	3,81	3,48	13,76	16,56	2,95	A	5,30	11,00	726
	20M 8.000	27M 9.000	27M 9.000	—	—	1,96	2,52	2,52	—	—	2,89	7,00	9,23	0,80	2,01	3,35	3,48	8,75	14,57	3,06	A	5,30	7,00	462
	20M 8.000	27M 9.000	35M 12.000	—	—	2,00	2,57	3,43	—	—	2,89	8,00	10,46	0,80	2,30	3,50	3,48	10,00	15,23	3,04	A	5,30	8,00	528
	20M 8.000	27M 9.000	53M 18.000	—	—	1,96	2,51	5,03	—	—	2,89	9,50	11,07	0,80	2,73	3,73	3,48	11,88	16,23	2,98	A	5,30	9,50	627
	20M 8.000	27M 9.000	70M 24.000	—	—	2,01	2,59	6,90	—	—	2,89	11,50	12,92	0,80	3,31	3,96	3,48	14,38	17,22	2,93	A	5,30	11,50	759
	20M 8.000	35M 12.000	35M 12.000	—	—	2,03	3,48	3,48	—	—	2,89	9,00	11,07	0,80	2,59	3,62	3,48	11,25	15,73	3,01	A	5,30	9,00	594
	20M 8.000	35M 12.000	53M 18.000	—	—	1,99	3,41	5,11	—	—	2,89	10,50	12,30	0,80	3,02	3,81	3,48	13,13	16,56	2,96	A	5,30	10,50	693
	20M 8.000	35M 12.000	70M 24.000	—	—	1,87	3,21	6,42	—	—	2,89	11,50	12,92	0,80	3,31	3,96	3,48	14,38	17,22	2,91	A	5,30	11,50	759
	20M 8.000	53M 18.000	53M 18.000	—	—	1,87	4,81	4,81	—	—	2,89	11,50	12,92	0,80	3,31	3,96	3,48	14,38	17,22	2,90	A	5,30	11,50	759
	27M 9.000	27M 9.000	27M 9.000	—	—	2,67	2,67	2,67	—	—	2,89	8,00	10,46	0,80	2,30	3,81	3,48	10,00	16,56	3,05	A	5,30	8,00	528
	27M 9.000	27M 9.000	35M 12.000	—	—	2,70	2,70	3,60	—	—	2,89	9,00	12,92	0,80	2,59	3,62	3,48	11,25	15,73	3,02	A	5,30	9,00	594
	27M 9.000	27M 9.000	53M 18.000	—	—	2,63	2,63	5,25	—	—	2,89	10,50	12,30	0,80	3,02	3,81	3,48	13,13	16,56	2,97	A	5,30	10,50	693
	27M 9.000	27M 9.000	70M 24.000	—	—	2,46	2,46	6,57	—	—	2,89	11,50	12,92	0,80	3,31	3,96	3,48	14,38	17,22	2,91	A	5,30	11,50	759
	27M 9.000	35M 12.000	35M 12.000	—	—	2,45	3,27	3,27	—	—	2,89	9,00	11,07	0,80	2,59	3,62	3,48	11,25	15,73	2,99	A	5,30	9,00	594
	27M 9.000	35M 12.000	53M 18.000	—	—	2,54	3,38	5,08	—	—	2,89	11,00	11,69	0,80	3,16	3,81	3,48	13,76	16,56	2,94	A	5,30	11,00	726
	27M 9.000	35M 12.000	70M 24.000	—	—	2,30	3,07	6,13	—	—	2,89	11,50	12,92	0,80	3,31	3,96	3,48	14,38	17,22	2,89	A	5,30	11,50	759
	27M 9.000	53M 18.000	53M 18.000	—	—	2,40	4,80	4,80	—	—	2,89	12,00	12,92	0,80	3,45	3,96	3,48	15,01	17,22	2,89	A	5,30	12,00	792
	35M 12.000	35M 12.000	35M 12.000	—	—	3,17	3,17	3,17	—	—	2,89	9,50	11,07	0,80	2,73	3,73	3,48	11,88	16,23	2,97	A	5,30	9,50	627
	35M 12.000	35M 12.000	53M 18.000	—	—	3,29	3,29	4,93	—	—	2,89	11,50	12,92	0,80	3,31	3,96	3,48	14,38	17,22	2,91	A	5,30	11,50	759
	35M 12.000	35M 12.000	70M 24.000	—	—	3,00	3,00	6,00	—	—	2,89	12,00	12,92	0,80	3,45	3,96	3,48	15,01	17,22	2,89	A	5,30	12,00	792
	35M 12.000	53M 18.000	53M 18.000	—	—	3,00	4,50	4,50	—	—	2,89	12,00	12,92	0,80	3,45	3,96	3,48	15,01	17,22	2,89	A	5,30	12,00	792
	35M 12.000	53M 18.000	70M 24.000	—	—	2,67	4,00	5,33	—	—	2,89	12,00	12,92	0,80	4,15	3,95	3,47	18,05	17,17	2,89	A	5,30	12,00	792
	53M 18.000	53M 18.000	53M 18.000	—	—	4,00	4,00	4,00	—	—	2,89	12,00	12,92	0,80	4,15	3,95	3,47	18,05	17,17	2,89	A	5,30	12,00	792

Notes Pd = Pdesign CEA = Annual Energy Consumption

COMBINATION TABLES

Outdoor unit: MU2-Y 125M (PENTA)

OUTDOOR UNIT	INDOOR UNIT					COOLING CAPACITY [kW]					TOTAL COOLING CAPACITY [kW]			POWER INPUT COOLING [kW]			TOTAL COOLING CURRENT [A]			EER	SEASONAL EFFICIENCY (EN14825)			
	A	B	C	D	E	A	B	C	D	E	Min.	Std.	Max.	Min.	Std.	Max.	Min.	Std.	Max.	Class	SEER	Pd	CEA [kWh]	
MULTISPLIT	20M	20M	20M	20M	—	2,00	2,00	2,00	2,00	—	3,69	8,00	10,50	0,91	2,63	3,42	3,96	11,44	14,86	3,04	A+	5,60	8,00	500
	8.000	8.000	8.000	8.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MU2-Y 125M (1x4)	20M	20M	20M	27M	—	1,98	1,98	1,98	2,55	—	3,69	8,50	11,07	0,91	2,81	3,61	3,96	12,23	15,68	3,02	A+	5,60	8,50	531
	8.000	8.000	8.000	9.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	20M	20M	35M	—	2,02	2,02	2,02	3,45	—	3,69	9,50	11,69	0,91	3,17	3,72	3,96	13,79	16,18	3,00	A+	5,60	9,50	594
	8.000	8.000	8.000	12.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	20M	20M	53M	—	2,06	2,06	2,06	5,31	—	3,69	11,50	12,30	0,91	3,91	4,18	3,96	17,00	18,16	2,94	A+	5,60	11,50	719
	8.000	8.000	8.000	18.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	20M	20M	70M	—	1,87	1,87	1,87	6,40	—	3,69	12,00	13,53	0,91	4,15	4,37	3,96	18,05	18,98	2,89	A+	5,60	12,00	750
	8.000	8.000	8.000	24.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	20M	27M	27M	—	2,08	2,08	2,67	2,67	—	3,69	9,50	11,69	0,91	3,16	3,72	3,96	13,75	16,18	3,00	A+	5,60	9,50	594
	8.000	8.000	9.000	9.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	20M	27M	35M	—	2,00	2,00	2,57	3,43	—	3,69	10,00	12,30	0,91	3,36	4,18	3,96	14,60	18,16	2,98	A+	5,60	10,00	625
	8.000	8.000	9.000	12.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	20M	27M	53M	—	1,96	1,96	2,52	5,05	—	3,69	11,50	12,30	0,91	3,93	4,18	3,96	17,11	18,16	2,92	A+	5,60	11,50	719
	8.000	8.000	9.000	18.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	20M	27M	70M	—	1,79	1,79	2,30	6,13	—	3,69	12,00	13,53	0,91	4,15	4,37	3,96	18,05	18,98	2,89	A+	5,60	12,00	750
	8.000	8.000	9.000	24.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	20M	35M	35M	—	1,93	1,93	3,32	3,32	—	3,69	10,50	12,92	0,91	3,56	4,18	3,96	15,48	18,16	2,95	A+	5,60	10,50	656
	8.000	8.000	12.000	12.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	20M	35M	53M	—	1,83	1,83	3,14	4,70	—	3,69	11,50	13,53	0,91	3,97	4,18	3,96	17,27	18,16	2,90	A+	5,60	11,50	719
	8.000	8.000	12.000	18.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	20M	35M	70M	—	1,74	1,74	2,98	5,95	—	3,69	12,40	13,53	0,91	4,29	4,37	3,96	18,66	18,98	2,89	A+	5,60	12,40	775
	8.000	8.000	12.000	24.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	20M	53M	53M	—	1,74	1,74	4,46	4,46	—	3,69	12,40	13,53	0,91	4,29	4,37	3,96	18,66	18,98	2,89	A+	5,60	12,40	775
	8.000	8.000	18.000	18.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	20M	53M	70M	—	1,55	1,55	3,99	5,31	—	3,69	12,40	13,53	0,91	4,29	4,37	3,96	18,66	18,98	2,89	A+	5,60	12,40	775
	8.000	8.000	18.000	24.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	27M	27M	27M	—	2,06	2,65	2,65	2,65	—	3,69	10,00	12,30	0,91	3,35	4,18	3,96	14,56	18,16	2,99	A+	5,60	10,00	625
	8.000	9.000	9.000	9.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	27M	27M	53M	—	1,87	2,41	2,41	4,81	—	3,69	11,50	13,53	0,91	3,96	4,18	3,96	17,21	18,16	2,91	A+	5,60	11,50	719
	8.000	9.000	9.000	18.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	27M	27M	70M	—	1,77	2,28	2,28	6,07	—	3,69	12,40	13,53	0,91	4,29	4,37	3,96	18,66	18,98	2,89	A+	5,60	12,40	775
	8.000	9.000	9.000	24.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	27M	35M	35M	—	2,01	2,59	3,45	3,45	—	3,69	11,50	13,53	0,91	3,92	4,18	3,96	17,05	18,16	2,93	A+	5,60	11,50	719
	8.000	9.000	12.000	12.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	27M	35M	53M	—	1,83	2,35	3,13	4,70	—	3,69	12,00	13,53	0,91	4,15	4,37	3,96	18,05	18,98	2,89	A+	5,60	12,00	750
	8.000	9.000	12.000	18.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	27M	35M	70M	—	1,50	1,92	3,85	5,13	—	3,69	12,40	13,53	0,91	4,27	4,37	3,96	18,56	18,98	2,91	A+	5,60	12,40	775
	8.000	9.000	12.000	24.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	27M	35M	53M	—	1,67	2,15	2,86	5,72	—	3,69	12,40	13,53	0,91	4,29	4,37	3,96	18,66	18,98	2,89	A+	5,60	12,40	775
	8.000	9.000	12.000	12.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	27M	35M	70M	—	1,67	2,15	4,29	4,29	—	3,69	12,40	13,53	0,91	4,29	4,37	3,96	18,05	18,98	2,89	A+	5,60	12,40	775
	8.000	9.000	18.000	18.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	27M	27M	27M	27M	—	2,63	2,63	2,63	2,63	—	3,69	10,50	12,92	0,91	3,54	4,18	3,96	15,38	18,16	2,97	A+	5,60	10,50	656
	9.000	9.000	9.000	9.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	27M	27M	27M	35M	—	2,65	2,65	2,65	3,54	—	3,69	11,50	13,53	0,91	3,91	4,18	3,96	17,00	18,16	2,94	A+	5,60	11,50	719
	9.000	9.000	12.000	12.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	27M	27M	27M	53M	—	2,40	2,40	2,40	4,80	—	3,69	12,00	13,53	0,91	4,15	4,37	3,96	18,05	18,98	2,89	A+	5,60	12,00	750
	9.000	9.000	9.000	24.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	27M	27M	35M	35M	—	2,19	2,19	2,19	5,84	—	3,69	12,40	13,53	0,91	4,29	4,37	3,96	18,66	18,98	2,89	A+	5,60	12,40	775
	9.000	9.000	12.000	12.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	27M	27M	35M	53M	—	2,46	2,46	3,29	3,29	—	3,69	11,50	13,53	0,91	3,95	4,18	3,96	17,16</						

COMBINATION TABLES

Outdoor unit: MU2-Y 125M (PENTA)

Notes Pd = Pdesign CEA = Annual Energy Consumption

COMBINATION TABLES

Outdoor unit: MU2-Y 125M (PENTA)

OUTDOOR UNIT	INDOOR UNIT	HEATING CAPACITY [kW]					TOTAL HEATING CAPACITY [kW]			ABSORBED HEATING CAPACITY [kW]			TOTAL COOLING CURRENT [A]			COP	SEASONAL EFFICIENCY (EN14825)								
		A	B	C	D	E	A	B	C	D	E	Min.	Std.	Max.	Min.	Std.	Max.	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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
	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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
	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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
	53M	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
	18.000	—	—	—	—	—	5,20	—	—	—	—	1,85	5,20	7,00	0,58	1,38	1,59	2,52	6,01	6,91	3,71	—	—	—	
	70M	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
	24.000	—	—	—	—	—	7,20	—	—	—	—	2,09	7,20	8,50	0,70	1,90	2,00	3,04	8,28	8,70	3,71	—	—	—	
HEATING MULTISPLIT MU2-Y 125M (1x2)	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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
	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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
	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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
	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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
	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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
	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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
	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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
	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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
	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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
	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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
	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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
	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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
	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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
	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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		

Notes: Pd = Pdesign CEA = Annual Energy Consumption

COMBINATION TABLES

Outdoor unit: MU2-Y 125M (PENTA)

OUTDOOR UNIT	INDOOR UNIT					HEATING CAPACITY [KW]					TOTAL HEATING CAPACITY [KW]			ABSORBED HEATING CAPACITY [KW]			TOTAL COOLING CURRENT [A]			COP	SEASONAL EFFICIENCY (EN14825)			
	A	B	C	D	E	A	B	C	D	E	Min.	Std.	Max.	Min.	Std.	Max.	Min.	Std.	Max.		Class	SCOP	Pd	CEA [kWh]
MU2-Y 125M (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
HEATING	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
MU2-Y 125M (1x3)	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
HEATING	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
MU2-Y 125M (1x3)	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
HEATING	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
MU2-Y 125M (1x3)	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
HEATING	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
MU2-Y 125M (1x3)	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
HEATING	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
MU2-Y 125M (1x3)	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
HEATING	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
MU2-Y 125M (1x3)	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
HEATING	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
MU2-Y 125M (1x3)	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
HEATING	27M 9.000	27M 9.000	53M 18.000	—	—	2,88	2,88	5,75	—	—	2,89	11,50	12,30	0,70	2,99	3,32	3,03	12,99	14,41	3,71	B	3,20	8,50	3719
MU2-Y 125M (1x3)	27M 9.000	27M 9.000	70M 24.000	—	—	2,57	2,57	6,86	—	—	2,89	12,00	12,92	0,70	3,12	3,45	3,03	13,55	14,99	3,71	B	3,20	8,50	3719
HEATING	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
MU2-Y 125M (1x3)	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
HEATING	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
MU2-Y 125M (1x3)	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
HEATING	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
MU2-Y 125M (1x3)	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
HEATING	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
MU2-Y 125M (1x3)	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
HEATING	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
MU2-Y 125M (1x3)	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

COMBINATION TABLES

Outdoor unit: MU2-Y 125M (PENTA)

OUTDOOR UNIT	INDOOR UNIT					HEATING CAPACITY [KW]					TOTAL HEATING CAPACITY [KW]			ABSORBED HEATING CAPACITY [KW]			TOTAL COOLING CURRENT [A]			COP	SEASONAL EFFICIENCY (EN14825)			
	A	B	C	D	E	A	B	C	D	E	Min.	Std.	Max.	Min.	Std.	Max.	Min.	Std.	Max.	Class	SCOP	Pd	CEA [kWh]	
MU2-Y125M (x4)	20M	20M	20M	20M	—	2,50	2,50	2,50	2,50	—	3,69	10,00	12,67	0,80	2,56	2,98	3,46	11,12	12,97	3,71	A	3,40	8,80	3624
	8.000	8.000	8.000	8.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	20M	20M	27M	—	2,57	2,57	2,57	3,30	—	3,69	11,00	12,92	0,80	2,81	3,15	3,46	12,23	13,69	3,71	A	3,40	8,80	3624
	8.000	8.000	8.000	9.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	20M	20M	35M	—	2,50	2,50	2,50	4,29	—	3,69	11,80	13,53	0,80	3,02	3,25	3,46	13,12	14,13	3,71	A	3,40	8,80	3624
	8.000	8.000	8.000	12.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	20M	20M	53M	—	2,15	2,15	2,15	5,54	—	3,69	12,00	13,53	0,80	3,07	3,65	3,46	13,34	15,86	3,71	A	3,40	8,80	3624
	8.000	8.000	8.000	18.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	20M	20M	70M	—	1,91	1,91	1,91	6,56	—	3,69	12,30	13,53	0,80	3,15	3,81	3,46	13,68	16,58	3,71	A	3,40	8,80	3624
	8.000	8.000	8.000	24.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	20M	27M	27M	—	2,63	2,63	3,38	3,38	—	3,69	12,00	13,53	0,80	3,07	3,25	3,46	13,34	14,13	3,71	A	3,40	8,80	3624
	8.000	8.000	9.000	9.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	20M	27M	35M	—	2,40	2,40	3,09	4,11	—	3,69	12,00	13,53	0,80	3,07	3,65	3,46	13,34	15,86	3,71	A	3,40	8,80	3624
	8.000	8.000	9.000	12.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	20M	27M	53M	—	2,35	2,35	2,63	5,27	—	3,69	12,00	13,53	0,80	3,07	3,65	3,46	13,34	15,86	3,71	A	3,40	8,80	3624
	8.000	8.000	9.000	18.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	20M	27M	70M	—	1,83	1,83	2,36	6,28	—	3,69	12,30	13,53	0,80	3,15	3,81	3,46	13,68	16,58	3,71	A	3,40	8,80	3624
	8.000	8.000	9.000	24.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	20M	35M	35M	—	2,21	2,21	3,79	3,79	—	3,69	12,00	13,53	0,80	3,07	3,65	3,46	13,34	15,86	3,71	A	3,40	8,80	3624
	8.000	8.000	12.000	12.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	20M	35M	53M	—	1,91	1,91	3,27	4,91	—	3,69	12,00	13,53	0,80	3,07	3,65	3,46	13,34	15,86	3,71	A	3,40	8,80	3624
	8.000	8.000	12.000	18.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	20M	35M	70M	—	1,72	1,72	2,95	5,90	—	3,69	12,30	13,53	0,80	3,15	3,81	3,46	13,68	16,58	3,71	A	3,40	8,80	3624
	8.000	8.000	9.000	9.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	20M	27M	35M	—	2,47	3,18	3,18	3,18	—	3,69	12,00	13,53	0,80	3,07	3,65	3,46	13,34	15,86	3,71	A	3,40	8,80	3624
	8.000	9.000	9.000	12.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	20M	27M	35M	—	2,27	2,92	2,92	3,89	—	3,69	12,00	13,53	0,80	3,07	3,65	3,46	13,34	15,86	3,71	A	3,40	8,80	3624
	8.000	9.000	9.000	18.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	20M	27M	53M	—	1,95	2,51	2,51	5,02	—	3,69	12,00	13,53	0,80	3,07	3,65	3,46	13,34	15,86	3,71	A	3,40	8,80	3624
	8.000	9.000	9.000	12.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	20M	35M	35M	—	1,66	2,13	2,84	5,68	—	3,69	12,30	13,53	0,80	3,15	3,81	3,46	13,68	16,58	3,71	A	3,40	8,80	3624
	8.000	9.000	12.000	24.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	20M	35M	53M	—	2,10	2,70	3,60	3,60	—	3,69	12,00	13,53	0,80	3,07	3,65	3,46	13,34	15,86	3,71	A	3,40	8,80	3624
	8.000	9.000	12.000	18.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	20M	35M	53M	—	1,83	2,35	3,13	4,70	—	3,69	12,00	13,53	0,80	3,07	3,81	3,46	13,34	16,58	3,71	A	3,40	8,80	3624
	8.000	9.000	12.000	18.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	20M	35M	70M	—	1,66	2,13	2,84	5,68	—	3,69	12,30	13,53	0,80	3,15	3,81	3,46	13,68	16,58	3,71	A	3,40	8,80	3624
	8.000	9.000	12.000	24.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	20M	35M	53M	—	2,10	2,70	3,60	3,60	—	3,69	12,00	13,53	0,80	3,07	3,65	3,46	13,34	15,86	3,71	A	3,40	8,80	3624
	8.000	9.000	12.000	18.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	20M	35M	70M	—	1,48	1,91	3,82	5,09	—	3,69	12,30	13,53	0,80	3,15	3,81	3,46	13,68	16,58	3,71	A	3,40	8,80	3624
	8.000	9.000	9.000	18.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	20M	35M	53M	—	1,95	3,35	3,35	3,35	—	3,69	12,00	13,53	0,80	3,07	3,65	3,46	13,34	15,86	3,71	A	3,40	8,80	3624
	8.000	12.000	12.000	12.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	35M	35M	53M	—	1,71	2,94	2,94	4,41	—	3,69	12,00	13,53	0,80	3,07	3,81	3,46	13,34	16,58	3,71	A	3,40	8,80	3624
	8.000	12.000	12.000	18.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	35M	35M	70M	—	1,57	2,68	2,68	5,37	—	3,69	12,30	13,53	0,80	3,15	3,81	3,46	13,68	16,58	3,71	A	3,40	8,80	3624
	8.000	12.000	12.000	24.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20M	35M	35M	53M	—	1,53	2,62	3,93	3,93	—	3,69	12,00	13,53	0,80	3,07	3,81	3,46	13,34	16,58	3,71	A	3,40	8,80	3624
	8.000	12.000	12.000	18.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	27M	27M	27M	27M	—	3,00	3,00	3,00	3,00	—	3,69	12,00	13,53	0,80	3,07	3,65	3,46	13,34	15,86	3,71	A	3,40	8,80	3624
	9.000	9.000	9.000	9.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	27M	27M	27M	35M	—	2,77	2,77	2,77	3,69	—	3,69	12,00	13,53	0,80	3,07	3,65	3,46	13,34	15,86	3,71	A	3,4		

COMBINATION TABLES

Outdoor unit: MU2-Y 125M (PENTA)

OUTDOOR UNIT	INDOOR UNIT					HEATING CAPACITY [kW]					TOTAL HEATING CAPACITY [kW]			ABSORBED HEATING CAPACITY [kW]			TOTAL COOLING CURRENT [A]			COP	SEASONAL EFFICIENCY (EN14825)			
	A	B	C	D	E	A	B	C	D	E	Min.	Std.	Max.	Min.	Std.	Max.	Min.	Std.	Max.		Class	SCOP	Pd	CEA [kWh]
MU2-Y125M (15)	20M 8.000	20M 8.000	20M 8.000	20M 8.000	20M 8.000	2,46	2,46	2,46	2,46	2,46	4,18	12,30	14,94	0,90	3,32	4,14	3,89	14,41	18,02	3,71	A	3,80	9,80	3611
	20M 8.000	20M 8.000	20M 8.000	20M 8.000	27M 9.000	2,33	2,33	2,33	2,33	2,99	4,18	12,30	14,94	0,90	3,32	4,14	3,89	14,41	18,02	3,71	A	3,80	9,80	3611
	20M 8.000	20M 8.000	20M 8.000	20M 8.000	35M 12.000	2,15	2,15	2,15	2,15	3,69	4,18	12,30	14,94	0,90	3,32	4,14	3,89	14,41	18,02	3,71	A	3,80	9,80	3611
	20M 8.000	20M 8.000	20M 8.000	20M 8.000	53M 18.000	1,87	1,87	1,87	1,87	4,81	4,18	12,30	14,94	0,90	3,32	4,14	3,89	14,41	18,02	3,71	A	3,80	9,80	3611
	20M 8.000	20M 8.000	20M 8.000	20M 8.000	70M 24.000	1,66	1,66	1,66	1,66	5,68	4,18	12,30	14,94	0,90	3,32	4,14	3,89	14,41	18,02	3,71	A	3,80	9,80	3611
	20M 8.000	20M 8.000	20M 8.000	27M 9.000	27M 9.000	2,21	2,21	2,21	2,84	2,84	4,18	12,30	14,94	0,90	3,32	4,14	3,89	14,41	18,02	3,71	A	3,80	9,80	3611
	20M 8.000	20M 8.000	20M 8.000	27M 9.000	35M 12.000	2,35	2,35	2,35	2,64	3,51	4,18	12,30	14,94	0,90	3,32	4,14	3,89	14,41	18,02	3,71	A	3,80	9,80	3611
	20M 8.000	20M 8.000	20M 8.000	27M 9.000	53M 18.000	1,79	1,79	1,79	2,31	4,61	4,18	12,30	14,94	0,90	3,32	4,14	3,89	14,41	18,02	3,71	A	3,80	9,80	3611
	20M 8.000	20M 8.000	20M 8.000	27M 9.000	70M 24.000	1,59	1,59	1,59	2,35	5,47	4,18	12,30	14,94	0,90	3,32	4,14	3,89	14,41	18,02	3,71	A	3,80	9,80	3611
	20M 8.000	20M 8.000	20M 8.000	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	A	3,80	9,80	3611
MU2-Y125M (15)	20M 8.000	20M 8.000	20M 8.000	35M 12.000	53M 18.000	1,69	1,69	1,69	2,89	4,34	4,18	12,30	14,94	0,90	3,32	4,14	3,89	14,41	18,02	3,71	A	3,80	9,80	3611
	20M 8.000	20M 8.000	20M 8.000	35M 12.000	70M 24.000	1,51	1,51	1,51	2,59	5,18	4,18	12,30	14,94	0,90	3,32	4,14	3,89	14,41	18,02	3,71	A	3,80	9,80	3611
	20M 8.000	20M 8.000	20M 8.000	35M 12.000	53M 18.000	1,51	1,51	1,51	3,88	3,88	4,18	12,30	14,94	0,90	3,32	4,14	3,89	14,41	18,02	3,71	A	3,80	9,80	3611
	20M 8.000	20M 8.000	27M 9.000	27M 9.000	27M 9.000	2,10	2,10	2,70	2,70	2,70	4,18	12,30	14,94	0,90	3,32	4,14	3,89	14,41	18,02	3,71	A	3,80	9,80	3611
	20M 8.000	20M 8.000	27M 9.000	27M 9.000	35M 12.000	1,96	1,96	2,52	2,52	3,35	4,18	12,30	14,94	0,90	3,32	4,14	3,89	14,41	18,02	3,71	A	3,80	9,80	3611
	20M 8.000	20M 8.000	27M 9.000	27M 9.000	53M 18.000	1,72	1,72	2,21	2,21	4,43	4,18	12,30	14,94	0,90	3,32	4,14	3,89	14,41	18,02	3,71	A	3,80	9,80	3611
	20M 8.000	20M 8.000	27M 9.000	27M 9.000	70M 24.000	1,54	1,54	1,98	1,98	5,27	4,18	12,30	14,94	0,90	3,32	4,14	3,89	14,41	18,02	3,71	A	3,80	9,80	3611
	20M 8.000	20M 8.000	27M 9.000	27M 9.000	35M 12.000	1,83	1,83	2,36	3,14	3,14	4,18	12,30	14,94	0,90	3,32	4,14	3,89	14,41	18,02	3,71	A	3,80	9,80	3611
	20M 8.000	20M 8.000	27M 9.000	27M 9.000	53M 18.000	1,62	1,62	2,39	2,78	4,18	4,18	12,30	14,94	0,90	3,32	4,14	3,89	14,41	18,02	3,71	A	3,80	9,80	3611
	20M 8.000	20M 8.000	27M 9.000	27M 9.000	70M 24.000	1,46	1,46	1,88	3,75	3,75	4,18	12,30	14,94	0,90	3,32	4,14	3,89	14,41	18,02	3,71	A	3,80	9,80	3611
MU2-Y125M (15)	20M 8.000	20M 8.000	35M 12.000	35M 12.000	35M 12.000	1,72	1,72	2,95	2,95	2,95	4,18	12,30	14,94	0,90	3,32	4,14	3,89	14,41	18,02	3,71	A	3,80	9,80	3611
	20M 8.000	20M 8.000	35M 12.000	35M 12.000	53M 18.000	1,54	1,54	2,64	2,64	3,95	4,18	12,30	14,94	0,90	3,32	4,14	3,89	14,41	18,02	3,71	A	3,80	9,80	3611
	20M 8.000	20M 8.000	35M 12.000	35M 12.000	70M 24.000	2,30	2,57	2,57	2,57	2,57	4,18	12,30	14,94	0,90	3,32	4,14	3,89	14,41	18,02	3,71	A	3,80	9,80	3611
	20M 8.000	20M 8.000	35M 12.000	35M 12.000	35M 12.000	1,87	2,41	2,41	2,41	3,21	4,18	12,30	14,94	0,90	3,32	4,14	3,89	14,41	18,02	3,71	A	3,80	9,80	3611
	20M 8.000	20M 8.000	35M 12.000	35M 12.000	53M 18.000	1,66	2,13	2,13	2,13	4,26	4,18	12,30	14,94	0,90	3,32	4,14	3,89	14,41	18,02	3,71	A	3,80	9,80	3611
	20M 8.000	20M 8.000	35M 12.000	35M 12.000	70M 24.000	1,48	1,91	1,91	1,91	5,09	4,18	12,30	14,94	0,90	3,32	4,14	3,89	14,41	18,02	3,71	A	3,80	9,80	3611
	20M 8.000	20M 8.000	35M 12.000	35M 12.000	35M 12.000	1,76	2,26	2,26	3,01	3,01	4,18	12,30	14,94	0,90	3,32	4,14	3,89	14,41	18,02	3,71	A	3,80	9,80	3611
	20M 8.000	20M 8.000	35M 12.000	35M 12.000	53M 18.000	1,57	2,31	2,31	2,68	4,03	4,18	12,30	14,94	0,90	3,32	4,14	3,89	14,41	18,02	3,71	A	3,80	9,80	3611
	20M 8.000	20M 8.000	35M 12.000	35M 12.000	70M 24.000	1,66	2,13	2,84	2,84	2,84	4,18	12,30	14,94	0,90	3,32	4,14	3,89	14,41	18,02	3,71	A	3,80	9,80	3611
MU2-Y125M (15)	20M 8.000	20M 8.000	35M 12.000	35M 12.000	35M 12.000	1,48	1,91	2,54	2,54	3,82	4,18	12,30	14,94	0,90	3,32	4,14	3,89	14,41	18,02	3,71	A	3,80	9,80	3611
	20M 8.000	20M 8.000	35M 12.000	35M 12.000	53M 18.000	1,57	2,68	2,68	2,68	4,18	12,30	14,94	0,90	3,32	4,14	3,89	14,41	18,02	3,71	A	3,80	9,80	3611	
	20M 8.000	20M 8.000	35M 12.000	35M 12.000	70M 24.000	2,35	2,35	2,35	2,35	4,10	4,18	12,30	14,94	0,90	3,32	4,14	3,89	14,41	18,02	3,71	A	3,80	9,80	3611
	20M 8.000	20M 8.000	35M 12.000	35M 12.000	35M 12.000	2,17	2,17	2,17	2,89	2,89	4,18	12,30	14,94	0,90	3,32	4,14	3,89	14,41	18,02	3,71	A	3,80	9,80	3611
	20M 8.000	20M 8.000	35M 12.000	35M 12.000	53M 18.000	1,94	1,94	1,94	2,59	3,88	4,18	12,30	14,94	0,90	3,32	4,14	3,89	14,41	18,02	3,71	A	3,80	9,80	3611
	20M 8.000	20M 8.000	35M 12.000	35M 12.000	70M 24.000	2,35	2,35	2,73	2,73	2,73	4,18	12,30	14,94	0,90	3,32	4,14	3,89	14,41	18,02	3,71	A	3,80	9,80	3611
	20M 8.000	20M 8.000	35M 12.000	35M 12.000	35M 12.000	2,17	2,17	2,17	2,89	2,89	4,18	12,30	14,94	0,90	3,32	4,14	3,89	14,41	18,02	3,71	A	3,80	9,80	3611
	20M 8.000	20M 8.000	35M 12.000	35M 12.000	53M 18.000	1,94	1,94	1,94	2,59	2,59	4,18	12,30	14,94	0,90	3,32	4,14	3,89	14,41	18,02	3,71	A	3,80	9,80	3611
	20M 8.000	20M 8.000	35M 12.000	35M 12.000	70M 24.000	1,94	2,59	2,59	2,59	2,59	4,18	12,30	14,94	0,90	3,32	4,14	3,89	14,41	18,02	3,71	A	3,80	9,80	3611
	20M 8.000	20M 8.000	35M 12.000	35M 12.000	35M 12.000	1,94	2,59	2,59	2,59	2,59	4,18	12,30	14,94	0,90	3,32	4,14	3,89	14,41	18,02	3,71	A	3,80	9,80	3611

Notes Pd = Pdesign CEA = Annual Energy Consumption

Light Commercial



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

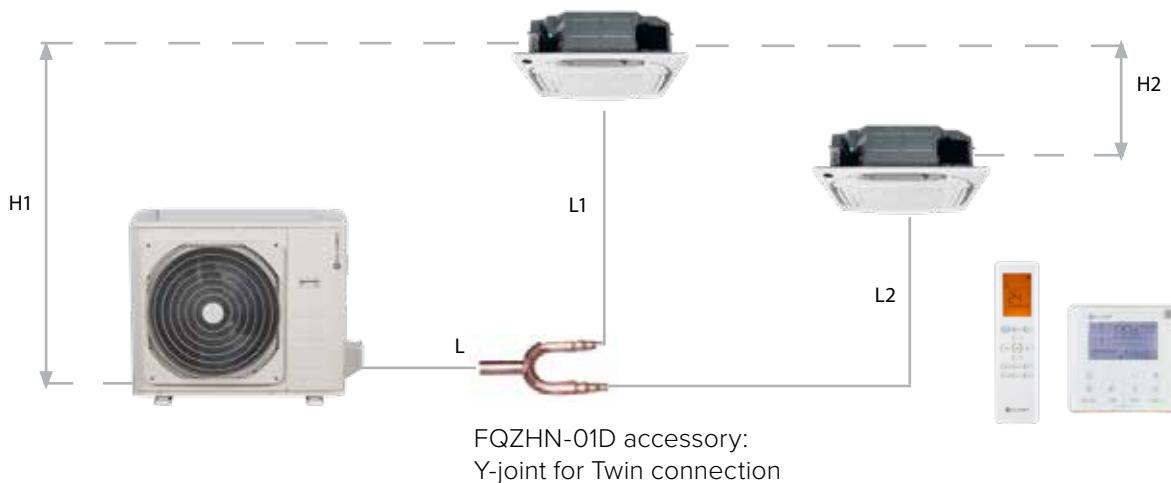
OUTDOOR/INDOOR UNIT COMBINATION

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

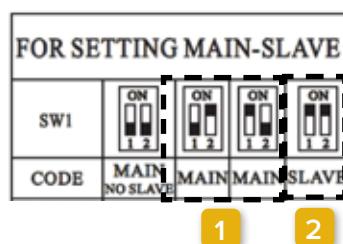
The TWIN indoor units are designed to be installed in one single room.
The control allows to control the main unit while the secondary one follows the on/off, set-point, operating modes and fan speed settings.

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



A++ A+

COMFORT

Stepless control compressor	Silent	Anti-cold air	Temperature Compensation

RELIABILITY

Self-diagnosis Function	Emergency Function	Auto Defrosting	Condensate drain pump	Opposite fan rotation

CONVENIENCE

Manual ON/OFF	Remote On/Off	Error Alarm Port	Auto-restart

ENERGY SAVING

Sleep	Gear

HEALTH

Fresh Air	i-Clean

OPTIONAL

Wired controller	Centralised control	BMS Communication	WiFi Control



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

WF-60A1-C
(optional)

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

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

technical data

Set		35M	53M
Cooling capacity	Standard (Min.=Max.)	Btu/h kW	12.000 (2.900÷14.000) 3,52 (0,85÷4,11)
Heating capacity	Standard (Min.=Max.)	Btu/h kW	13.000 (1.600÷14.700) 3,81 (0,47÷4,31)
Standard power supply	Cooling (Min.=Max.)	W	1.010 (168÷1.434)
	Eating (Min.=Max.)	W	1.020 (124÷1.376)
Rated current input	Cooling (Min.=Max.)	A	4,45 (1,32÷6,31)
	Eating (Min.=Max.)	A	4,73 (1,04÷6,07)
			A++
	Cooling	kW	3,50
		SEER	6,10
		Annual energy consumption	294
		kWh/a	186
Seasonal efficiency ¹	Heating	Energy class	A+
	Average season	Design load (Pdesign)	2,70
		SCOP	4,00
		Annual energy consumption	1.470
		kWh/a	922
	Heating	Energy class	A+++
	Warmer season	SCOP	5,10
Standard efficiency ²	EER	-	A++
	COP	-	4,80
		-	3,23
		-	3,71

Indoor unit

Article code	IB3-XY	35M	53M
Dimensions	Unit L x D x H mm	89102297 570x570x260	89102233 570x570x260
	Packaging (Unit) mm	662x662x317	662x662x317
	Panel L x D x H mm	647x647x50	647x647x50
	Packaging (Panel) L x D x H mm	715x715x123	715x715x123
Weight	Unit / Packaging kg	16,2/21,4	16,2/21,4
	Panel / Packaging kg	2,50/4,50	2,50/4,50
Air filter	Type	R/W	
Airflow	Hi/Mi/Lo m³/h	569/485/389	680/584/479
Sound power	Hi dB(A)	57	59
Sound pressure level	Hi/Mid/Lo dB(A)	42/38/35	46/44/39
Control systems	Infrared remote control	RG10A-D2S-BGEF	
Power supply	Settable temperature °C	16÷30	
	Voltage/Frequency/Phases V/Hz/n°	230 / 50 / 1	

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

² EER/COP values declared only for tax deductions in force at the time this document was written
R/W = Removable/Washable

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

Outdoor unit			MC3-Y	35M	53M
Article code	Unit	L x D x H	mm	89092252	8911214
Dimensions	Packaging	L x D x H	mm	765x303x555 887x337x610	805x330x554 915x370x615
Weight	Unit / Packaging		kg	26,6/29,0	32,5/35,2
Sound power	Nominal		dB(A)	62	65
Sound pressure level	Nominal		dB(A)	54,0	56
Operating Voltage Range	Cooling	Indoor T. Outdoor T.	°C °CBS	16÷32 -15÷50	
	Heating	Indoor T. Outdoor T.	°C °CBU	0÷30 -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	25 m	30 m
Max difference in level ODU / IDU	±10 m	±20 m
Refrigerant precharge	0,72 / 5 kg / m	1,15 / 5 kg / m
External diameters	Liquid mm / inch Gas mm / inch	Φ6,35 - 1/4" Φ9,52 - 3/8"

electrical connections

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

accessoires

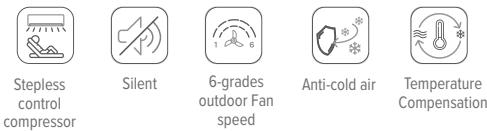
Standard	Infrared remote control for indoor units CRISTALLO 2 / EZCool / BOX 2 / CONSOLE 3 / DUCT 2 / C&F 2
Options	
T-MBQ4-03B4	Panel for Box 2 650x650, 360° air delivery, round hole grill (Mandatory accessory, to be selected separately)
WF-60A1-C	Smart port kit for the hiwall indoor unit management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

BOX 2 950x950 70M ÷ 160M



A++ A+

COMFORT



CONVENIENCE



RELIABILITY



ENERGY SAVING



HEALTH



OPTIONAL



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



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



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



REMOTE CONTROL
RG10A-D2S-BGEF
(standard)



IA3-XY

MC3-Y

technical data

Set		70M	88M	105M	120M	105T	140T	160T
Cooling capacity	Standard (Min.=Max.)	Btu/h (11.270÷27.000)	24.000 (7.600÷32.000)	30.000 (9.200÷39.000)	36.000 (10.000÷42.000)	41.000 (9.200÷39.000)	36.000 (12.000÷54.000)	48.000 (14.000÷57.000)
		kW 7,03 (3,30÷7,91)	8,79 (2,23÷9,38)	10,6 (2,70÷11,4)	12,0 (2,93÷12,3)	10,6 (2,70÷11,4)	14,1 (3,52÷15,8)	15,2 (4,10÷16,7)
Heating capacity	Standard (Min.=Max.)	Btu/h (9.600÷30.500)	26.000 (9.200÷33.200)	32.000 (9.500÷42.000)	38.000 (11.500÷48.000)	46.000 (9.500÷43.200)	38.000 (14.000÷59.000)	55.000 (15.000÷68.000)
		kW 7,62 (2,81÷8,94)	9,38 (2,70÷9,73)	11,1 (2,78÷12,3)	13,5 (3,37÷14,1)	11,1 (2,78÷12,7)	16,1 (4,10÷17,3)	18,2 (4,40÷19,9)
Standard power supply	Cooling	Standard (Min.=Max.)	W (780÷2.748)	2.320 (190÷3.000)	2.750 (900÷4.200)	3.950 (680÷4.350)	4.200 (890÷4.150)	4.650 (800÷5.900)
	Heating	Standard (Min.=Max.)	W (610÷2.700)	1.900 (430÷2.550)	2.450 (800÷3.950)	3.000 (750÷4.250)	3.700 (780÷4.000)	4.580 (900÷5.500)
Standard current input	Cooling	Standard (Min.=Max.)	A 10,2 (4,20÷12,0)	12,0 (2,00÷13,0)	17,5 (4,20÷18,5)	18,8 (3,10÷19,1)	6,50 (1,40÷6,50)	8,10 (1,80÷10,2)
	Heating	Standard (Min.=Max.)	A 8,50 (3,60÷12,1)	11,0 (3,00÷11,5)	13,5 (3,50÷17,5)	16,3 (3,40÷19,0)	5,00 (1,30÷6,40)	8,00 (1,90÷9,50)
		Energy class	-	A++	A++	A++	A++	A++
		Design load (Pdesign)	kW 7,00	8,80	10,5	12,1	10,5	14,0
	Cooling	SEER	-	6,10	6,10	6,10	6,10	6,10
		Annual energy consumption	kWh/a 395	467	549	700	589	810
Seasonal efficiency ¹		Energy class	-	A+	A+	A+	A+	A+
	Heating	Design load (Pdesign)	kW 6,00	7,80	8,50	9,50	8,20	11,2
Average season		SCOP	-	4,00	4,00	4,00	4,00	4,00
		Annual energy consumption	kWh/a 2.100	2.467	2.975	3.275	2.870	3.860
	Heating	Energy class	-	A+++	A+++	A+++	A+++	A+++
Warmer season		SCOP	-	5,10	5,10	5,10	5,10	5,10
Standard efficiency ²	EER		-	3,28	3,23	3,33	2,86	3,29
	COP		-	4,01	3,83	3,71	3,71	3,52
		R/W		6,00/9,00				

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

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

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

R/W = Removable/Washable

Test conditions:

according to EN14511 / EN12102

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

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

Data declared according to UE 626/2011 delegated regulation

Outdoor unit		MC3-Y	70M	88M	105M	120M	105T	140T	160T
Article code		89092257	89112230	89092274	87032230	89122200	88072255	89102239	
Dimensions	Unit	L x D x H	mm	890x342x673	946x410x810	946x410x810	946x410x810	952x415x1333	952x415x1333
	Packaging	L x D x H	mm	995x398x740	1090x500x885	1090x500x885	1090x500x885	1095x495x1480	1095x495x1480
Weight	Unit / Packaging		kg	43,9/46,9	52,8/57,3	66,9/71,5	71,0/75,0	80,5/85,0	103,7/118,3
Sound power	Nominal		dB(A)	69	70	70	72	70	75
Sound pressure level	Nominal		dB(A)	60	62	63	63	64	64
Operating Voltage Range	Cooling	Indoor T.	°C				16÷32		
	Heating	Outdoor T.	°CBS				-15÷50		
	Indoor T.	°C					0÷30		
	Heating	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
Max difference in level ODU / IDU	m	±25	±25	±30	±30	±30	±30
Refrigerant precharge	kg / m	1,5 / 5	2,0 / 5	2,4 / 5	2,8 / 5	2,4 / 5	2,9 / 5
External diameters	Liquid Gas	mm / inch mm / inch	Φ9,52 - 3/8" Φ15,9 - 5/8"	Φ9,52 - 3/8" Φ15,9 - 5/8"	Φ9,52 - 3/8" Φ15,9 - 5/8"	Φ9,52 - 3/8" Φ15,9 - 5/8"	Φ9,52 - 3/8" Φ15,9 - 5/8"

electrical connections

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

accessoires

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

DUCT 2 35M ÷ 160M



►A++ ►A+

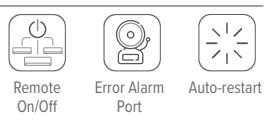
COMFORT



RELIABILITY



CONVENIENCE



ENERGY SAVING



HEALTH



OPTIONAL



WF-60A1-C
(optional)



KJR-120X2-TFBG-E
(optional)



RG10A-D2S-BGEF
(standard)



MC3-Y

technical data

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

Indoor unit	ID3-XY	35M	53M	70M	88M	105M	120M	105M	140M	160M
Article code		89092219	89132211	89102201	89112238	89112241	87032229	89112241	89112243	89092248
Dimensions	Unit	L x D x H	mm	700x450x200	880x600x210	1100x700x249	1360x700x249	1200x800x300	1360x700x249	1200x800x300
	Packaging (Unit)	L x D x H	mm	860x540x285	1070x725x280	1305x805x315	1570x805x330	1405x915x365	1570x805x330	1405x915x365
Weight	Unit / Packaging		kg	17,8/21,5	24,4/29,6	32,3/39,1	40,5/48,3	40,5/48,2	47,6/55,8	40,5/48,2
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	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)
Sound power	Hi	dB(A)	58	58	62	64	61	67	61	66
Sound pressure level	Hi/Mid/Lo	dB(A)	35/32/30	42/39/35	49/46/41	51/48/46	50/48/46	52/49/48	51/49/47	52/49/47
Control systems	Infrared remote control		-				RG10A-D2S-BGEF			
	Settable temperature	°C					16÷30			
Power supply	Voltage/Frequency/Phases	V/Hz/n°					230 / 50 / 1			

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

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

R/W = Removable/Washable

Test conditions:

according to EN14511 / EN12102

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

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

Data declared according to UE 626/2011 delegated regulation

Outdoor unit	MC3-Y	35M	53M	70M	88M	105M	120M	105T	140T	160T
Article code		89092252	89112214	89092257	89112230	89092274	87032230	89112200	88072255	89102239
Dimensions	Unit	L x D x H	mm	765x303x555	805x330x554	890x342x673	946x410x810	946x410x810	946x410x810	952x415x1333
	Packaging	L x D x H	mm	887x337x610	915x370x615	995x398x740	1090x500x885	1090x500x885	1090x500x885	1095x495x1480
Weight	Unit / Packaging		kg	26,6/29,0	32,5/35,2	43,9/46,9	52,8/57,3	66,9/71,5	71,0/75,0	80,5/85,0
Sound power	Nominal	dB(A)		62	65	69	70	70	72	70
Sound pressure level	Nominal	dB(A)		54	56	60	62	63	63	64
Operating Voltage Range	Cooling	Indoor T.	°C					16÷32		
	Outdoor T.	°CBS						-15÷50		
	Heating	Indoor T.	°C					0÷30		
	Outdoor T.	°CBU						-15÷24		
Refrigerant	Type/GWP		-					R-32 / 675		
Power supply	Voltage/Frequency/Phases	V/Hz/n°				230 / 50 / 1			400 / 50 / 3 + N	
Current - 50Hz	Maximum fuse capacity (MFA)	A		20			30			25

refrigerant piping and connections

Set	35M	53M	70M	88M	105M	120M	105T	140T	160T
Max equivalent length	m	25	30	50	50	75	75	75	75
Max difference in level ODU / IDU	m	±10	±20	±25	±25	±30	±30	±30	±30
Refrigerant precharge	kg / m	0,72 / 5	1,15 / 5	1,5 / 5	2,0 / 5	2,4 / 5	2,8 / 5	2,4 / 5	2,9 / 5
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"
	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"

electrical connections

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

accessoires

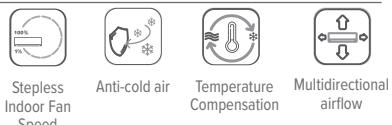
Standard	Infrared remote control for indoor units CRISTALLO 2 / EZCool / BOX 2 / CONSOLE 3 / DUCT 2 / C&F 2
WF-60A1-C	Smart port kit for the hiwall indoor unit management via Wi-Fi (it includes the adaptor and the USB key)
Control systems	(learn more at Control System page)

CONSOLE 3 35M ÷ 53M



►A++ ►A+

COMFORT



Stepless Indoor Fan Speed
Anti-cold air
Temperature Compensation
Multidirectional airflow

RELIABILITY



Self-diagnosis Function
Emergency Function

CONVENIENCE



Remote On/Off
Timer
Auto-restart

ENERGY SAVING



Sleep
Gear

OPTIONAL



Wired controller
Centralised control
BMS Communication
WiFi Control

HEALTH



High Density filter
Cold Catalyst filter



Wi-Fi
NWMX
(optional)



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



REMOTE CONTROL
RG10A-D2S-BGEF
(standard)



IC3-Y



MC3-Y

technical data

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

Indoor unit

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

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

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

R/W = Removable/Washable

Test conditions:
according to EN14511 / EN12102

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

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

Data declared according to UE 626/2011 delegated regulation

Outdoor unit			MC3-Y	35M	53M
Article code	Unit	L x D x H	mm	89092252	89112214
Dimensions	Packaging	L x D x H	mm	765x303x555	805x330x554
Weight	Unit / Packaging		kg	887x337x610	915x370x615
Sound power	Nominal		dB(A)	26,6/29,0	32,5/35,2
Sound pressure level	Nominal		dB(A)	62	65
	Cooling	Indoor T.	°C	54	56
Operating Voltage Range		Outdoor T.	°CBS	16÷32	
	Heating	Indoor T.	°C	-15÷50	
		Outdoor T.	°CBU	0÷30	
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
Max difference in level ODU / IDU	m	±10
Refrigerant precharge	kg / m	0,72 / 5
External diameters	Liquid mm / inch	Φ6,35 - 1/4"
	Gas mm / inch	Φ9,52 - 3/8"

electrical connections

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

accessoires

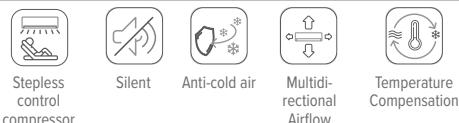
Standard	
RG10A-D2S-BGEF	Infrared remote control for indoor units CRISTALLO 2 / EZCool / BOX 2 / CONSOLE 3 / DUCT 2 / C&F 2
Optionals	
NWMX	
Wi-fi kit for indoor units	
MKCX	
Multifunction board that makes the indoor unit available for Remote ON / OFF, Alarm port and XYE Port (required for connection of Wired controller, Centralized wired controller, Data Converter, BMS Gateway) <i>The ON-OFF/Alarm/XYE/Wi-Fi port functions can be used simultaneously</i>	
Control systems	
(learn more at Control System page)	

CEILING & FLOOR 2 53M ÷ 160M



►A++ ►A+

COMFORT



ENERGY SAVING



HEALTH



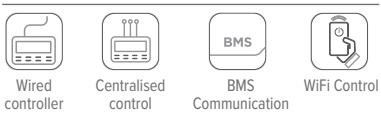
RELIABILITY



CONVENIENCE



OPTIONAL



WF-60A1-C
(optional)



KJR-120X2-TFBG-E
(option)



RG10A-D2S-BGEF
(standard)



technical data

Set		35M	53M
Cooling capacity	Standard (Min.=Max.)	Btu/h	12.000 (2.600÷14.500)
	Standard (Min.=Max.)	kW	3,52 (0,76÷4,25)
Heating capacity	Standard (Min.=Max.)	Btu/h	13.000 (1.550÷16.000)
	Standard (Min.=Max.)	kW	3,81 (0,45÷4,69)
Standard power supply	Cooling (Min.=Max.)	W	1.000 (170÷1.350)
	Eating (Min.=Max.)	W	980 (150÷1.300)
Rated current input	Cooling (Min.=Max.)	A	4,52 (1,40÷5,90)
	Eating (Min.=Max.)	A	4,43 (1,25÷5,95)
		A++	A++
	Cooling	kW	3,50
		SEER	7,30
		Annual energy consumption	168
		Energy class	A+
Seasonal efficiency ¹	Heating	kW	2,60
	Average season	SCOP	4,00
		Annual energy consumption	910
		Energy class	A+++
	Heating	SCOP	5,50
	Warmer season		3,52
Standard efficiency ²	EER		3,89
	COP		3,32
			3,72

Indoor unit

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

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

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

R/W = Removable/Washable

Test conditions:
according to EN14511 / EN12102

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

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

Data declared according to UE 626/2011 delegated regulation

Outdoor unit		MC3-Y	35M	53M
Article code			89092252	89112214
Dimensions	Unit	L x D x H	mm	765x303x555
	Packaging	L x D x H	mm	887x337x610
Weight	Unit / Packaging		kg	26,6/29,0
Sound power	Nominal		dB(A)	62
Sound pressure level	Nominal		dB(A)	54
	Cooling	Indoor T.	°C	16÷32
Operating Voltage Range		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
Max difference in level ODU / IDU	m	±10
Refrigerant precharge	kg / m	0,72 / 5
External diameters	Liquid mm / inch	Φ6,35 - 1/4"
	Gas mm / inch	Φ9,52 - 3/8"

electrical connections

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

accessoires

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

ACCESSORIES AND CONTROL SYSTEMS



Voice control: Even smarter management

Wall mounted models are now compatible with a new possibility for intelligent management: the Voice Control. Simply install the NetHome Plus skill in the Amazon Alexa or Google Assistant voice assistants to turn on and adjust the air conditioner. If you have more than one indoor unit, open the NetHome Plus App from your Smartphone and rename them as you prefer (e.g. kitchen air conditioner): you can control all of them by calling them by name.

Try these functions:



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

Try these functions:



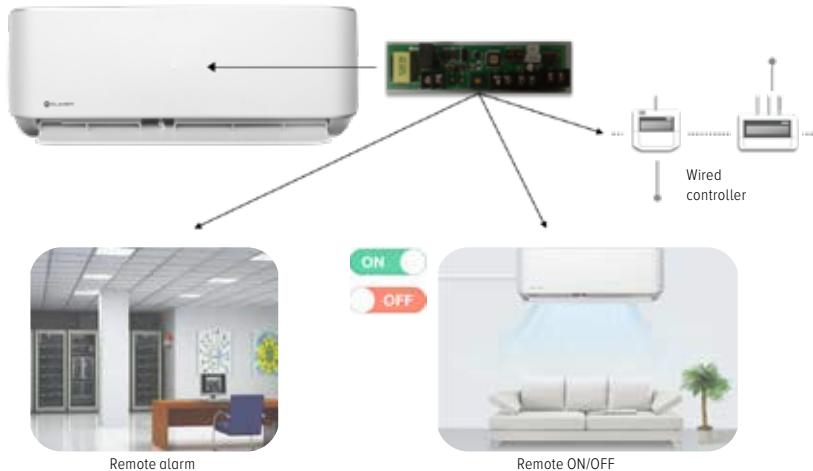
- OK Google, turn on the living room air conditioner
- OK Google, set the kitchen air conditioner in Cooling mode
- OK Google, set the living room air conditioner in Dehumidification
- OK Google, set the air conditioner at 26 degrees
- OK Google, set the living room air conditioner at low speed

ACCESSORIES AND CONTROL SYSTEMS

Multifunction Kit

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

- ▶ Wired remote control for single unit (KRJ-120X1-TFBG-E / KRJ-120X2-TFBG-E)
- ▶ Wired centralisers (CCM30-B / CCM-180A/WS / CCM-270A/WS)
- ▶ Communication systems based on the following protocols: Modbus, LonWorks and BACnet (IMMP-BAC(A), CCM18A, CCM18ANU, CCM-18A/N(A)).



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

Note:

● = all the functions can be used simultaneously

● = it is necessary to choose which function to use

ACCESSORIES AND CONTROL SYSTEMS

Individual control systems

RG10A-D2S-BGEF

- ▶ Standard remote control for CRISTALLO 2 / EZCool / BOX 2 / CONSOLE 3 / DUCT 2 / C&F 2 units, with special features:
- ▶ ON/OFF - Operating mode - Temperature set-point - Fan speed - Louver direction
- ▶ Timer: allows for setting a countdown to switch the air conditioning unit on / off
- ▶ Follow Me: adjusts the air conditioning unit according to the temperature detected by the remote controller sensor
- ▶ Do Not Disturb (LED): deactivates the luminous display and buzzers of the air conditioning unit
- ▶ Self-cleaning: performs a cleaning cycle of the air conditioning unit's battery
- ▶ Turbo: conditions the air inside the room rapidly
- ▶ Management of the constant flow rate function for ductable indoor units
- ▶ Fan setting with speed changes of up to 1%
- ▶ Breeze away function (for some models only)
- ▶ ECO / Gear fuction



RG10A4-D-BGEF

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

- ▶ ON/OFF - Operating mode - Temperature set-point - Fan speed - Louver direction
- ▶ Timer: allows for setting a countdown to switch the air conditioning unit on / off
- ▶ Follow Me: adjusts the air conditioning unit according to the temperature detected by the remote controller sensor
- ▶ Self-cleaning: performs a cleaning cycle of the air conditioning unit's battery
- ▶ Turbo: conditions the air inside the room rapidly



RG10P1-G2HS-BGEF

Standard remote controller for STELVIO units, also including the following special features:

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



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

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

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



ACCESSORIES AND CONTROL SYSTEMS



Kit Wi-Fi

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

Note: the kit is standard-supplied for STELVIO, CRISTALLO 2 and CRISTALLO.



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

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



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

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



SLEEP FUNCTION

Energy saving by setting a night-time temperature profile.



AUTO-CHECK

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



WEEKLY SCHEDULE CONTROL

Setting of scheduled on / off functions during the week.





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.

CCM09 (to exhaustion)

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

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

Only with VRF:

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

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



CCM30-B

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

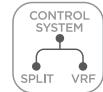
- ▶ ON/OFF - operating mode - temperature set-point - fan speed – automatic flaps oscillation
- ▶ Management of single unit / all units

Only with VRF:

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

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





ACCESSORIES FOR HYDRONIC MODULE

CCM-180A/WS

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

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

Note: not compatible with mixed SPLIT / VRF systems



Only with VRF:

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

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

CCM-270A/WS

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

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



Only with VRF:

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

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

Communication with BMS management systems (SPLIT/VRF)

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

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

ACCESSORIES

Type	Appearance	Model	Article Code	Description	Compatible Series
		MBLCX	87022242	Multifunction board that makes the indoor unit available for Remote ON / OFF, Alarm port and XYE Port (required for connection of Wired controller, Centralized wired controller, Data Converter, BMS Gateway) The ON-OFF/Alarm/XYE/Wi-Fi port functions can be used simultaneously	STELVIO IH2-Y
		PREVIEW MKSS2X	89702342	Multifunction board that makes the indoor unit available for Remote ON / OFF and XYE Port (required for connection of wired controller, centralized wired controller, data converter, BMS gateway) The ON-OFF/Alarm/XYE/Wi-Fi port functions can be used simultaneously	CRISTALLO 2 IMA1-Y 27M±53M
Multifunction Kit		PREVIEW MKSS2X	90722306	Multifunction board that makes the indoor unit available for Remote ON / OFF and XYE Port (required for connection of wired controller, centralized wired controller, data converter, BMS gateway) The ON-OFF/Alarm/XYE/Wi-Fi port functions can be used simultaneously	CRISTALLO 2 IMA1-Y 70M
		MKSSX	87032221	Multifunction board that makes the indoor unit available for Remote ON / OFF, Alarm port and XYE Port (required for connection of Centralized wired controller, Data Converter, BMS Gateway) Only one function among ON-OFF/Alarm/XYE/Wi-Fi can be used simultaneously	CRISTALLO IM2-XY
		MKCX	90252203	Multifunction board that makes the indoor unit available for Remote ON / OFF and XYE Port (required for connection of wired controller, centralized wired controller, data converter, BMS gateway) The ON-OFF/Alarm/XYE/Wi-Fi port functions can be used simultaneously	CONSOLE 3 IC3-Y
		NWMX	89142201	Wi-Fi kit for indoor units	All series
Kit Wi-Fi		WF-60A1-C	89132263	Smart port kit for the hiwall indoor unit management via Wi-Fi (it includes the adaptor and the USB key) - 2022 version	DUCT 2 ID3-XY BOX 2 650x650 IB3-XY CEILING & FLOOR 2 IF3-XY
		KFR-120Q-EDFJB-B	89132252	Adapter for connecting indoor units Box 2 950x950 to the Wi-Fi kit (includes adapter and USB key)	BOX 2 950x950 IA3-XY
Kit connection kit for TWIN systems		FQZHN-01D	87002254	Branch Joint kit for LCAC TWIN systems	TWIN systems

CONTROL SYSTEMS

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

CONTROL SYSTEMS

TYPE	APPEARANCE	MODEL	ARTICLE CODE	DESCRIPTION	COMPATIBLE SERIES
		KJR-150A	89132262	Control interface for group of indoor units, up to 16 indoor units <i>Remote control to be selected separately</i>	
		CCM09 to exhaustion	89162202	Wired centralizer with weekly scheduler, up to 64 indoor units	
Centralizer		CCM30-B	89142227	Wired centralizer with 6.2" touchscreen display with weekly scheduler, up to 64 indoor units	
		CCM-180A/WS	87012209	Wired centralizer with 10.1" touchscreen display with weekly scheduler, LAN port, up to 384 indoor units. Compatible for mixed systems VRF + SPLIT	
		CCM-270A/WS	87022268	Data converter for management with Cloud, up to 64 internal units	All series except: EZCool ILA1-Y NATIV IZ2-XY
Data converter		CCM-15(A)	91332282	Data converter for management with Cloud, up to 64 internal units	
		LonGW4 to exhaustion	89152293	LonWorks Gateway, up to 64 indoor units	
Gateway BMS		CCM-18A/N(A)	91332281	Modbus Gateway, up to 64 indoor units and 1 outdoor unit	
		CCM18ANU to exhaustion	87022281	Modbus Gateway, up to 16 indoor units	
		KNX to exhaustion	89142238	KNX Gateway, for single indoor unit	

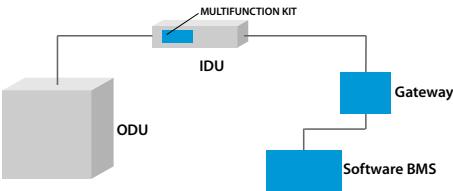
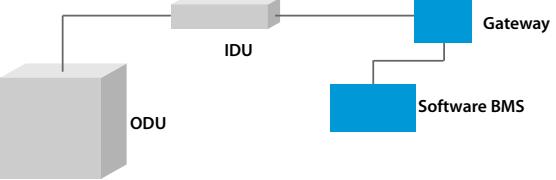
ACCESSORIES & CONTROL SYSTEMS COMBINATIONS

TYPE	CONNECTION SCHEME	COMPATIBLE SERIES
	<p>MULTIFUNCTION KIT IDU ODU WIRED CONTROL</p>	STELVIO IH2-Y CRISTALLO 2 IMA1-Y CRISTALLO IM2-XY CONSOLE 3 IC3-Y
Required accessories	Multifunction board Wired control	
Wired control for single unit		
	<p>IDU ODU WIRED CONTROL</p>	DUCT 2 ID3-XY BOX 2 IB3-XY IA3-XY CEILING & FLOOR 2 IF3-XY
Required accessories	Wired control	

ACCESSORIES & CONTROL SYSTEMS COMBINATIONS

TYPE	CONNECTION SCHEME	COMPATIBLE SERIES
Centralized controller or Control via Cloud (App or Web Server)	<p>Required accessories</p> <pre> graph LR CC[CENTRALIZED CONTROLLER / DATA CONVERT] --- IDU1[IDU 1] CC --- IDU2[IDU 2] IDU1 --- ODU1[ODU 1] IDU2 --- ODU2[ODU 2] ODU1 --- KIT1[MULTIFUNCTION KIT 1] ODU2 --- KIT2[MULTIFUNCTION KIT 2] </pre> <p>Multifunction kit Centralizer Data converter</p>	STELVIO IH2-Y CRISTALLO 2 IMA1-Y CRISTALLO IM2-XY CONSOLE 3 IC3-Y
-	<p>Required accessories</p> <pre> graph LR CC[CENTRALIZED CONTROLLER / DATA CONVERT] --- IDU1[IDU 1] CC --- IDU2[IDU 2] IDU1 --- ODU1[ODU 1] IDU2 --- ODU2[ODU 2] </pre> <p>Centralizer Data converter</p>	DUCT 2 ID3-XY BOX 2 IB3-XY IA3-XY CEILING & FLOOR 2 IF3-XY
Wi-Fi	<p>Required accessories</p> <pre> graph LR SPK[Smart port kit] --- WIKI[Wi-Fi kit for indoor units] SPK --- IDU[IDU] IDU --- ODU[ODU] </pre> <p>Smart port kit</p>	DUCT 2 ID3-XY BOX 2 650x650 IB3-XY CEILING & FLOOR 2 IF3-XY
	<p>Required accessories</p> <pre> graph LR SPK[Smart port kit] --- IDU[IDU] IDU --- ODU[ODU] </pre> <p>Smart port kit</p>	BOX 2 950x950 IA3-XY

ACCESSORIES & CONTROL SYSTEMS COMBINATIONS

TYPE	CONNECTION SCHEME	COMPATIBLE SERIES
	 <p>MULTIFUNCTION KIT IDU ODU Gateway Software BMS</p>	STELVIO IH2-Y CRISTALLO 2 IMA1-Y CRISTALLO IM2-XY CONSOLE 3 IC3-Y
Wired control for single unit	<p>Required accessories</p> <p>Multifunction board Gateway Software BMS</p>  <p>IDU ODU Gateway Software BMS</p>	DUCT 2 ID3-XY BOX 2 IB3-XY IA3-XY CEILING & FLOOR 2 IF3-XY
	<p>Required accessories</p> <p>Gateway Software BMS</p>	

COMPATIBILITY TABLE OF INDOOR / OUTDOOR UNIT

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

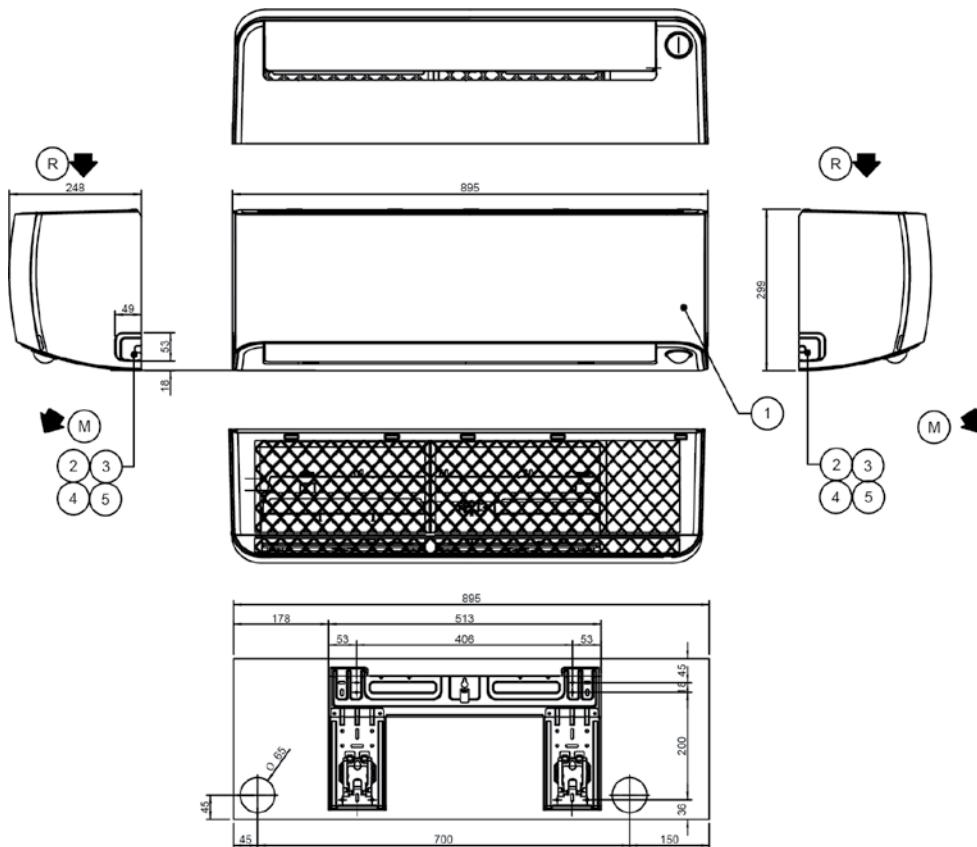
ESSENTIAL	EZCool	NATIV		ODU-SM 2	ODU-SL 2	
ML2-Y	ML3-Y	MLA1-Y	MZ2-Y	MU1-Y	MU2-Y	MC3-Y
-	-	-	-	-	-	-
-	-	-	-	-	●	-
-	-	-	-	-	-	-
-	-	-	-	●	●	-
-	-	-	-	-	●	-
●	●	-	-	●	●	-
●	●	-	-	●	●	-
-	-	●	-	-	●	-
-	-	-	●	-	-	-
-	-	-	-	●	●	●
-	-	-	-	●	(27M-70M)	(NO 27M)
-	-	-	-	-	●	●
-	-	-	-	●	●	●
-	-	-	-	-	-	●
-	-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

DIMENSIONAL DRAWINGS

SINGLESplit

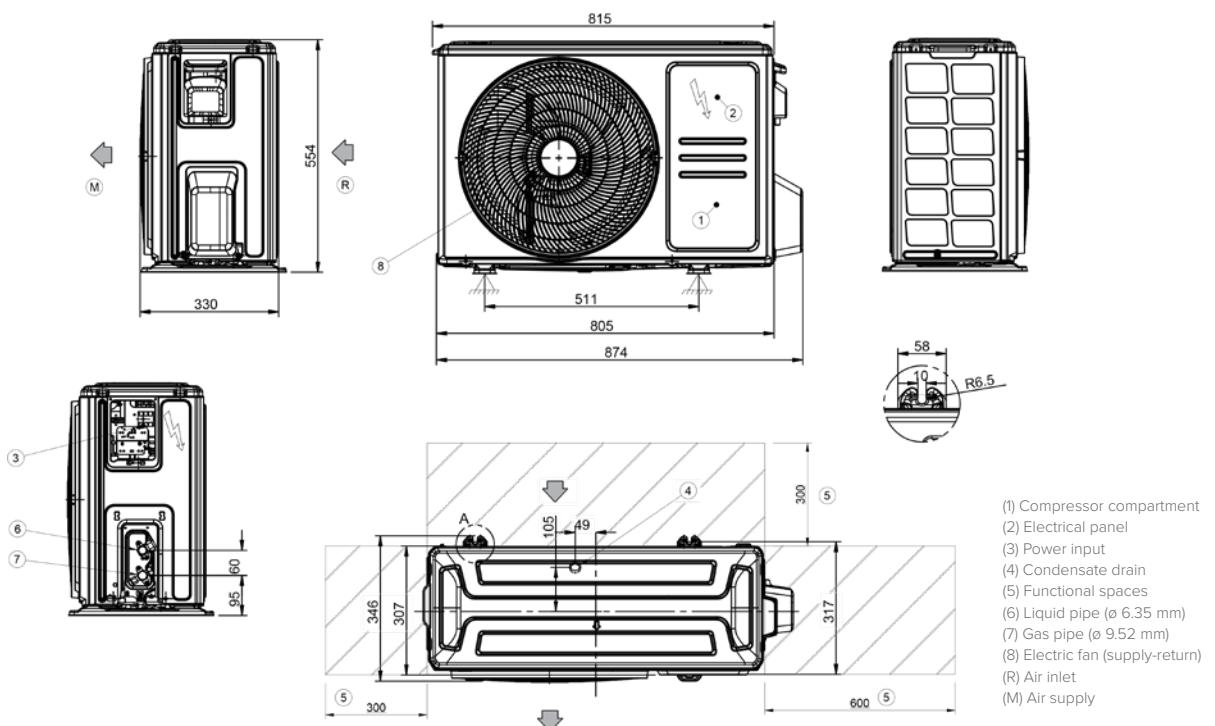
STELVIO - Indoor unit

IH2-Y 27M ÷ 35M



STELVIO - Outdoor unit

MH2-Y 27M ÷ 35M

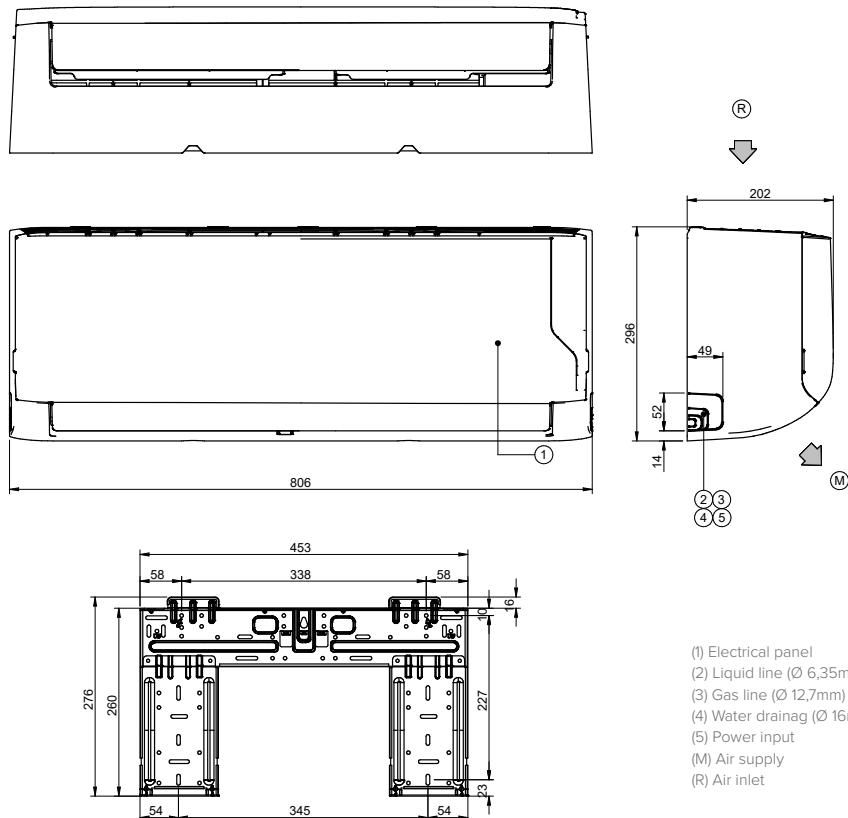


Unit of measurement: mm

DIMENSIONAL DRAWINGS

CRISTALLO 2 - Indoor unit

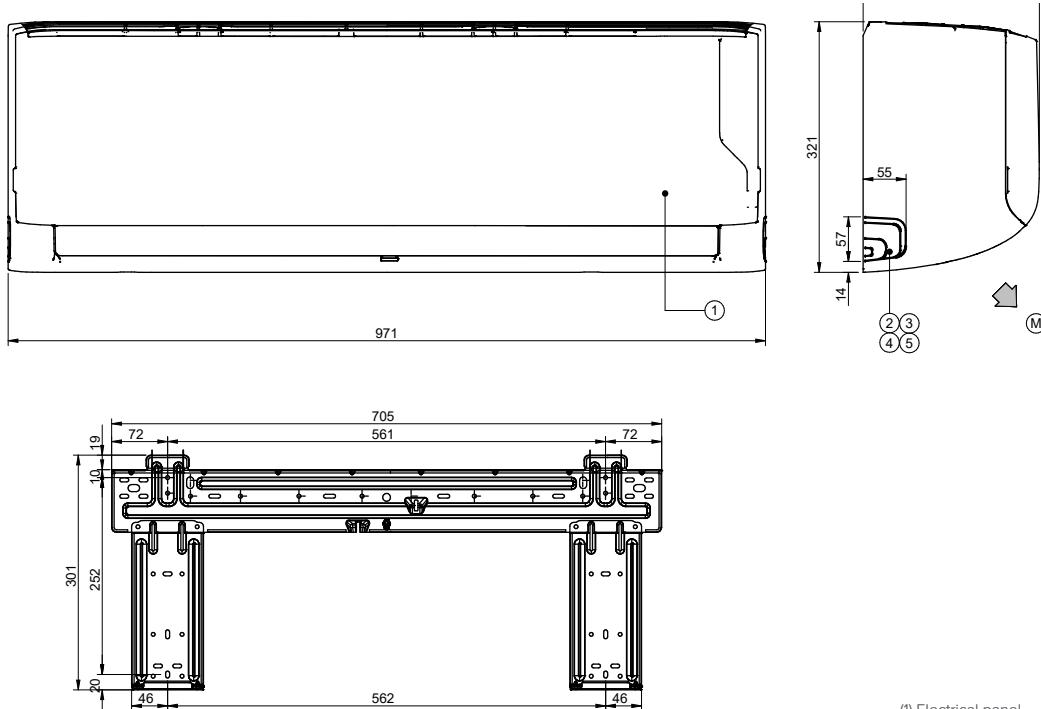
IMA1-Y 27M ÷ 35M



- (1) Electrical panel
- (2) Liquid line (\varnothing 6,35mm)
- (3) Gas line (\varnothing 12,7mm)
- (4) Water drainag (\varnothing 16mm)
- (5) Power input
- (M) Air supply
- (R) Air inlet

CRISTALLO 2 - Indoor unit

IMA1-Y 53M



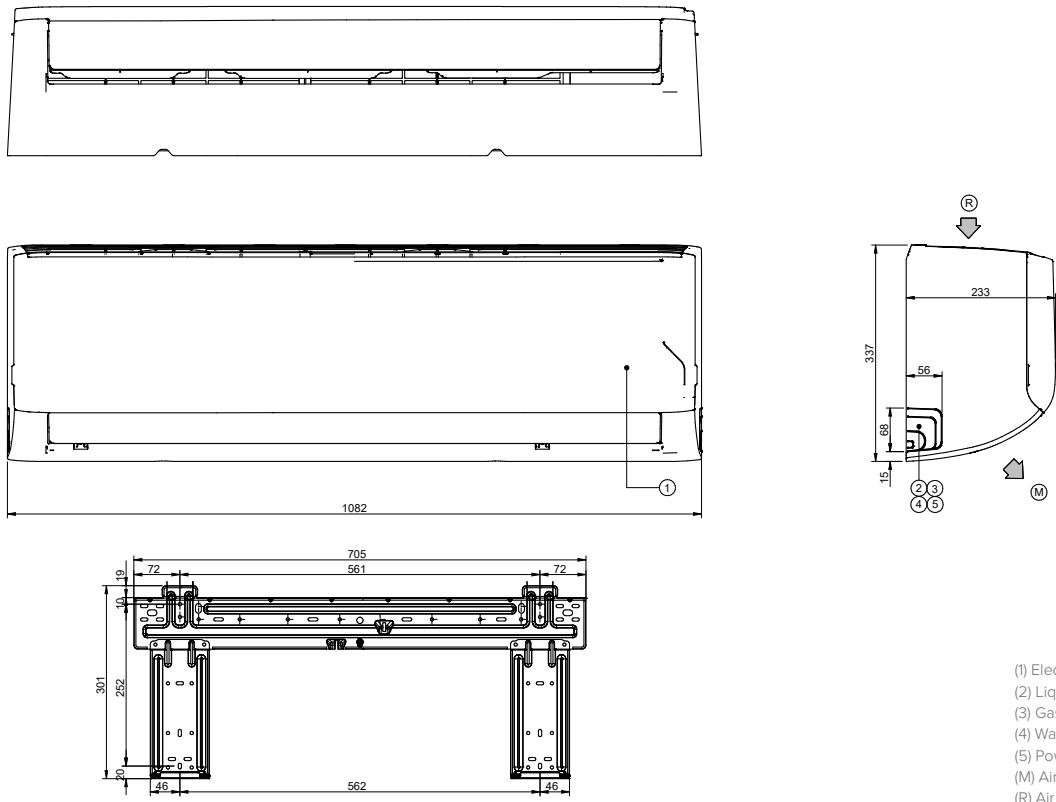
- (1) Electrical panel
- (2) Liquid line (\varnothing 6,35mm)
- (3) Gas line (\varnothing 9,52 mm)
- (4) Water drainag (\varnothing 16mm)
- (5) Power input
- (M) Air supply
- (R) Air inlet

Unit of measurement: mm

DIMENSIONAL DRAWINGS

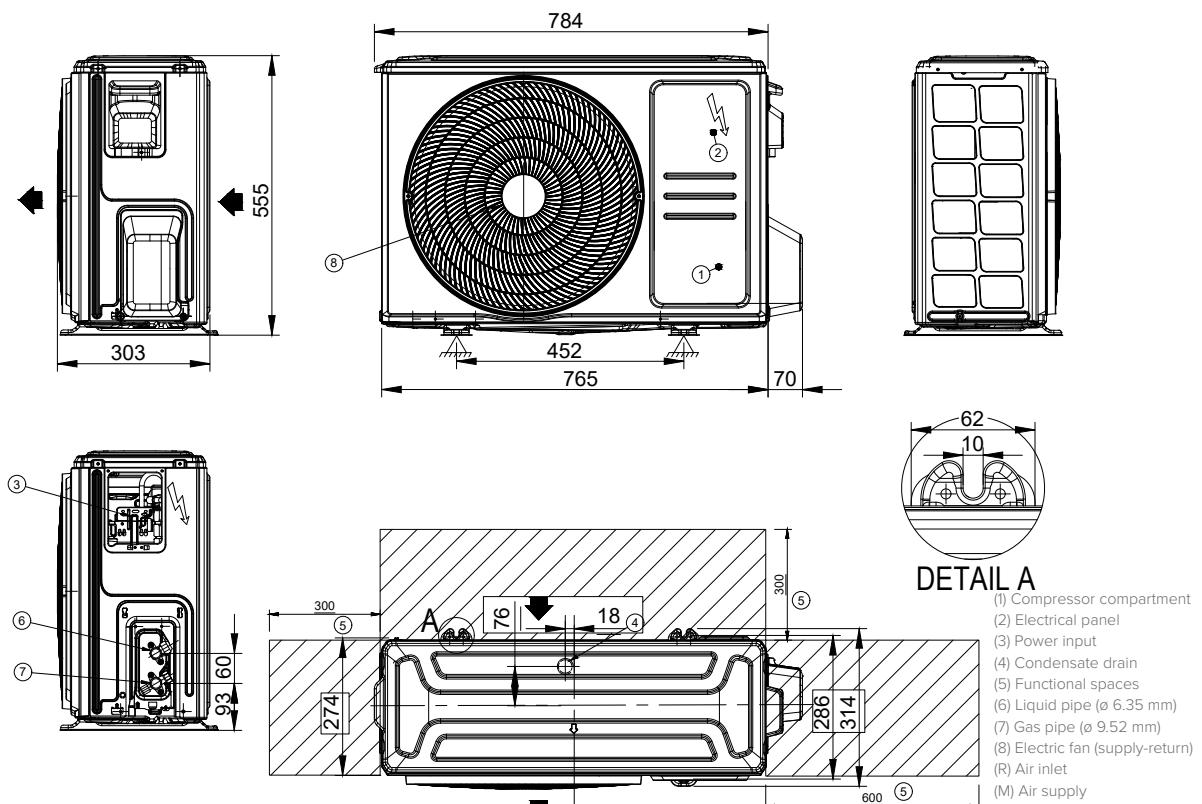
CRISTALLO 2 - Indoor unit

IMA1-Y 70M



CRISTALLO 2 - Outdoor unit

MMA1-Y 27M ÷ 35M

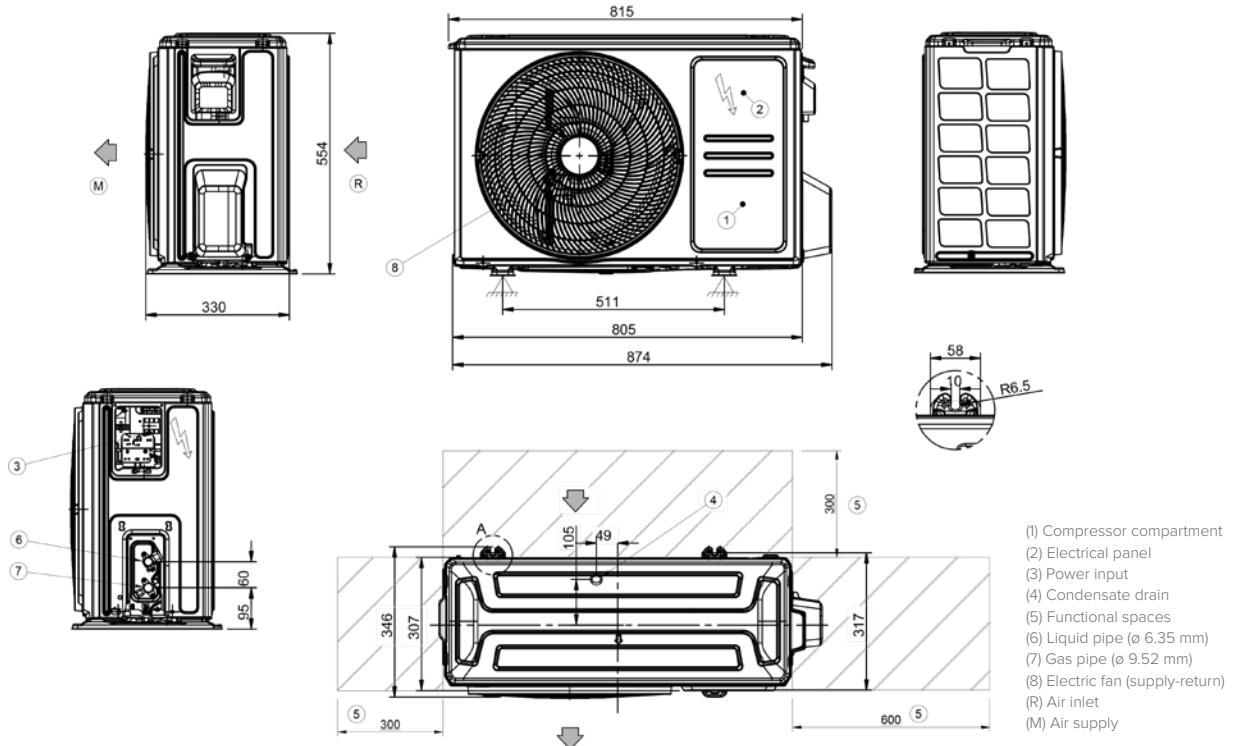


Unit of measurement: mm

DIMENSIONAL DRAWINGS

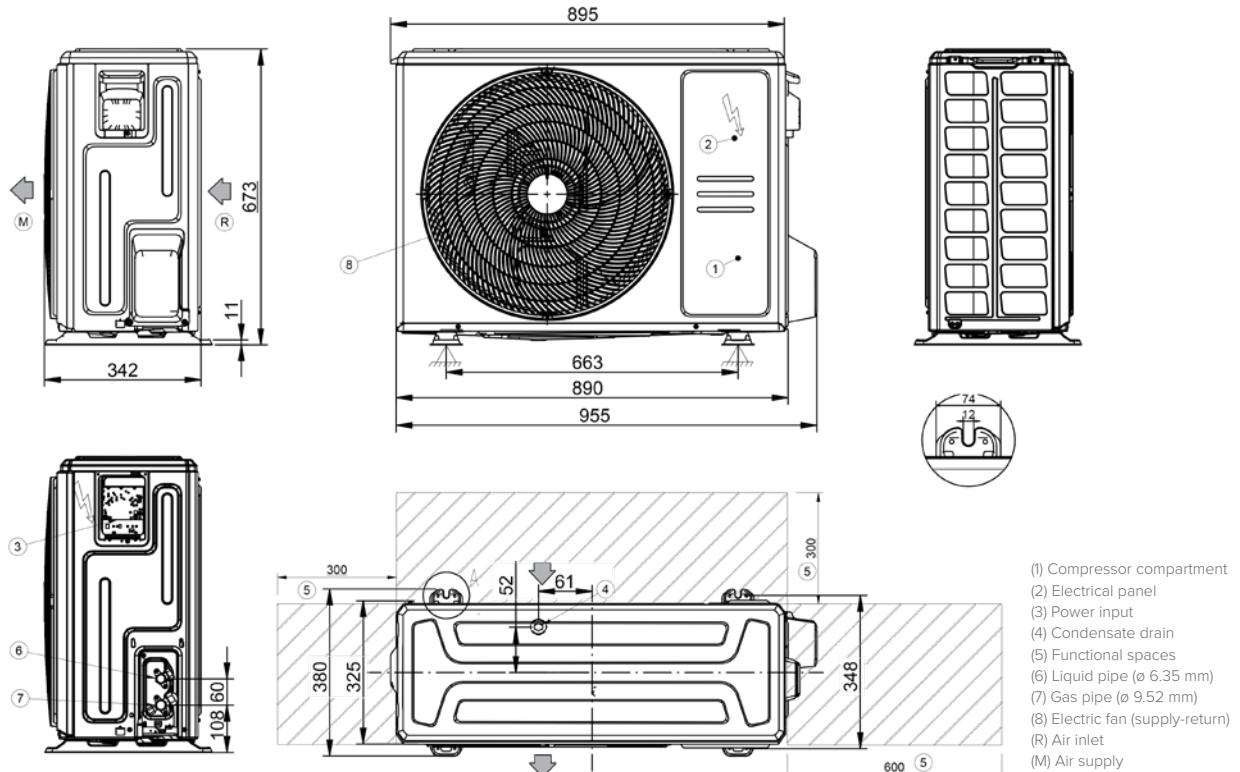
CRISTALLO 2 - Outdoor unit

MMA1-Y 53M



CRISTALLO 2 - Outdoor unit

MMA1-Y 70M

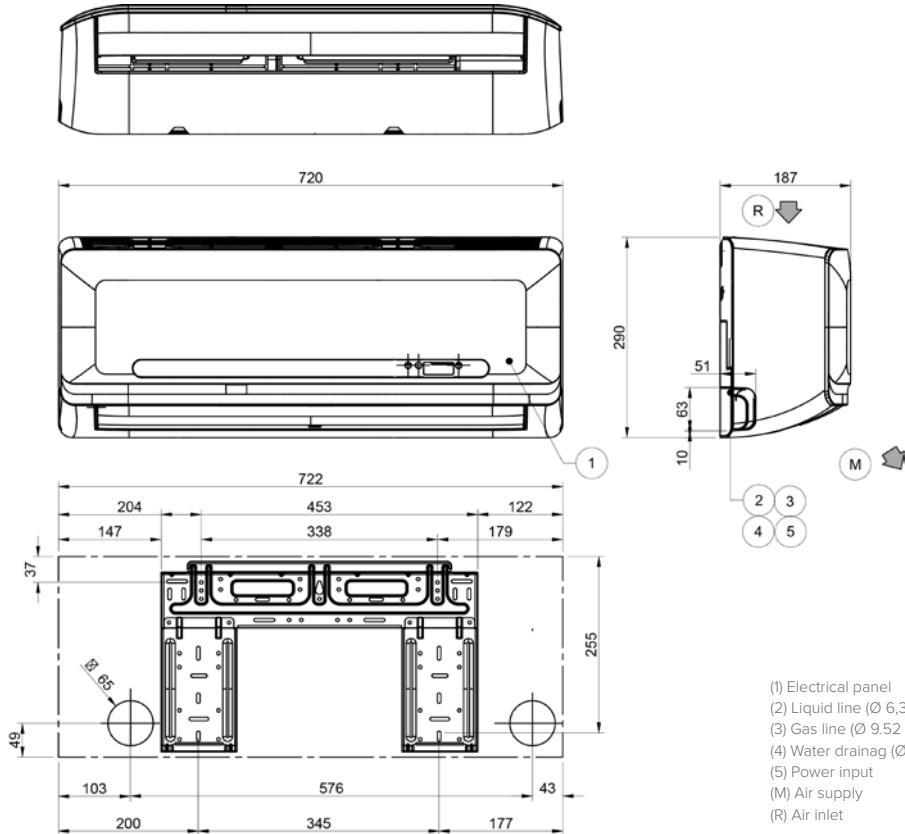


Unit of measurement: mm

DIMENSIONAL DRAWINGS

CRISTALLO - Indoor unit

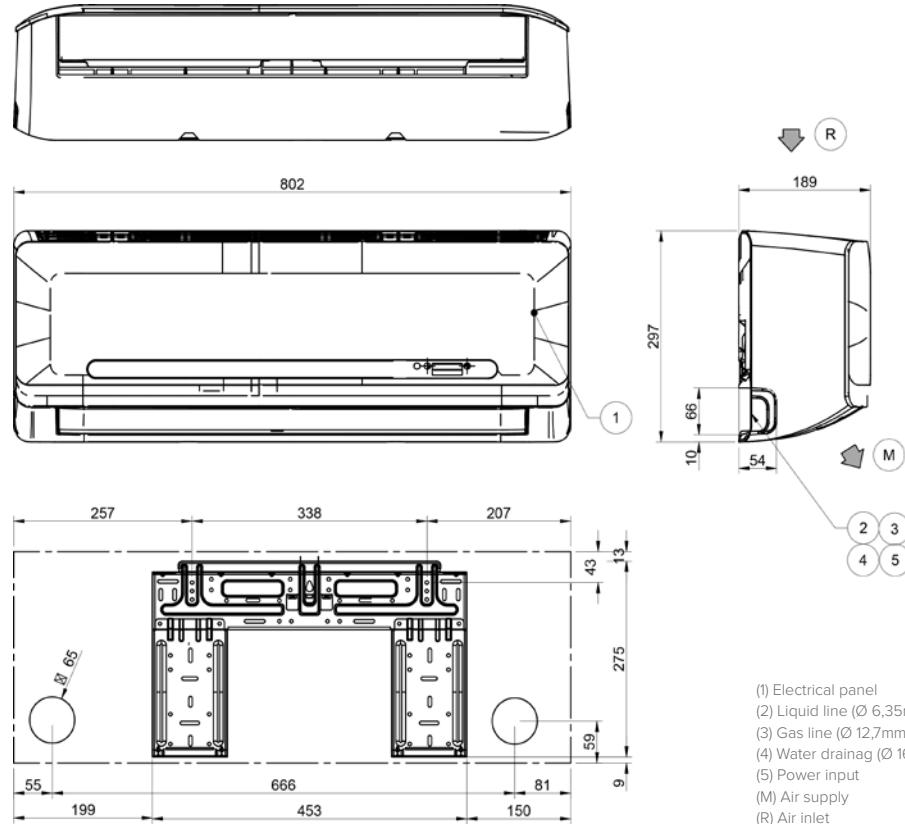
IM2-XY 27M



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

CRISTALLO - Indoor unit

IM2-XY 35M



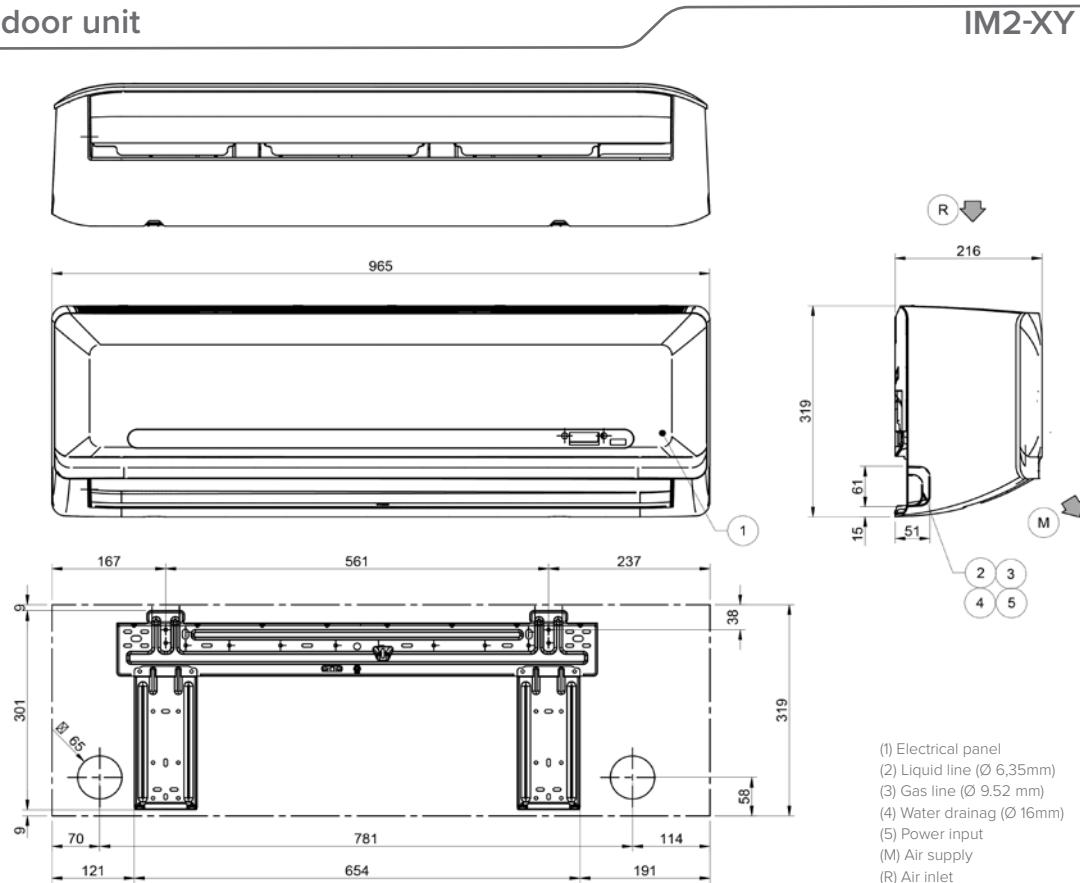
- (1) Electrical panel
- (2) Liquid line (\varnothing 6,35mm)
- (3) Gas line (\varnothing 12,7mm)
- (4) Water drainag (\varnothing 16mm)
- (5) Power input
- (M) Air supply
- (R) Air inlet

Unit of measurement: mm

DIMENSIONAL DRAWINGS

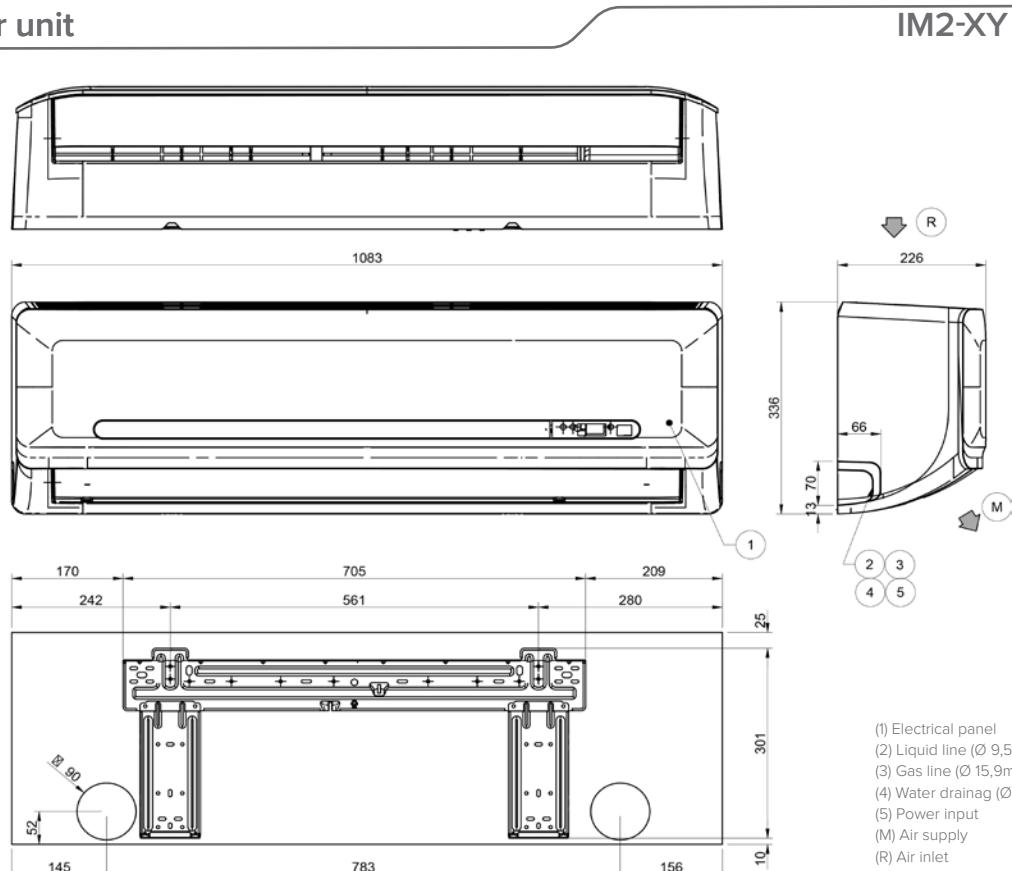
CRISTALLO - Indoor unit

IM2-XY 53M



CRISTALLO - Indoor unit

IM2-XY 70M



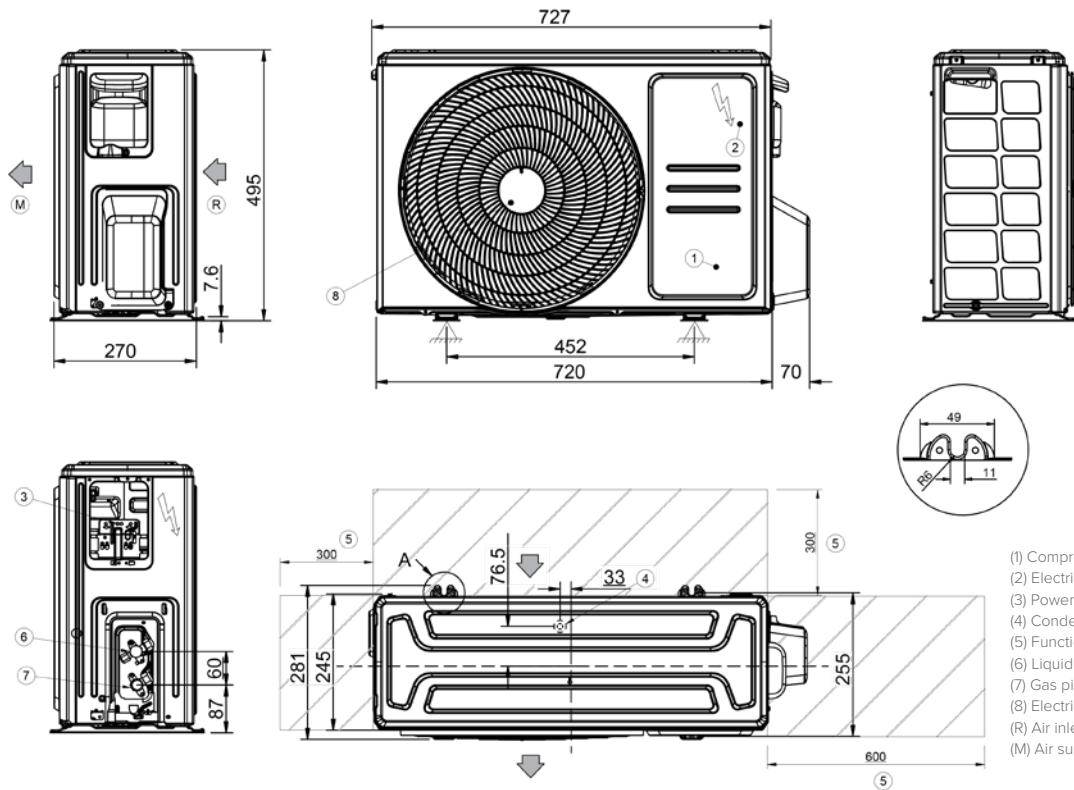
Unit of measurement: mm

- (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

DIMENSIONAL DRAWINGS

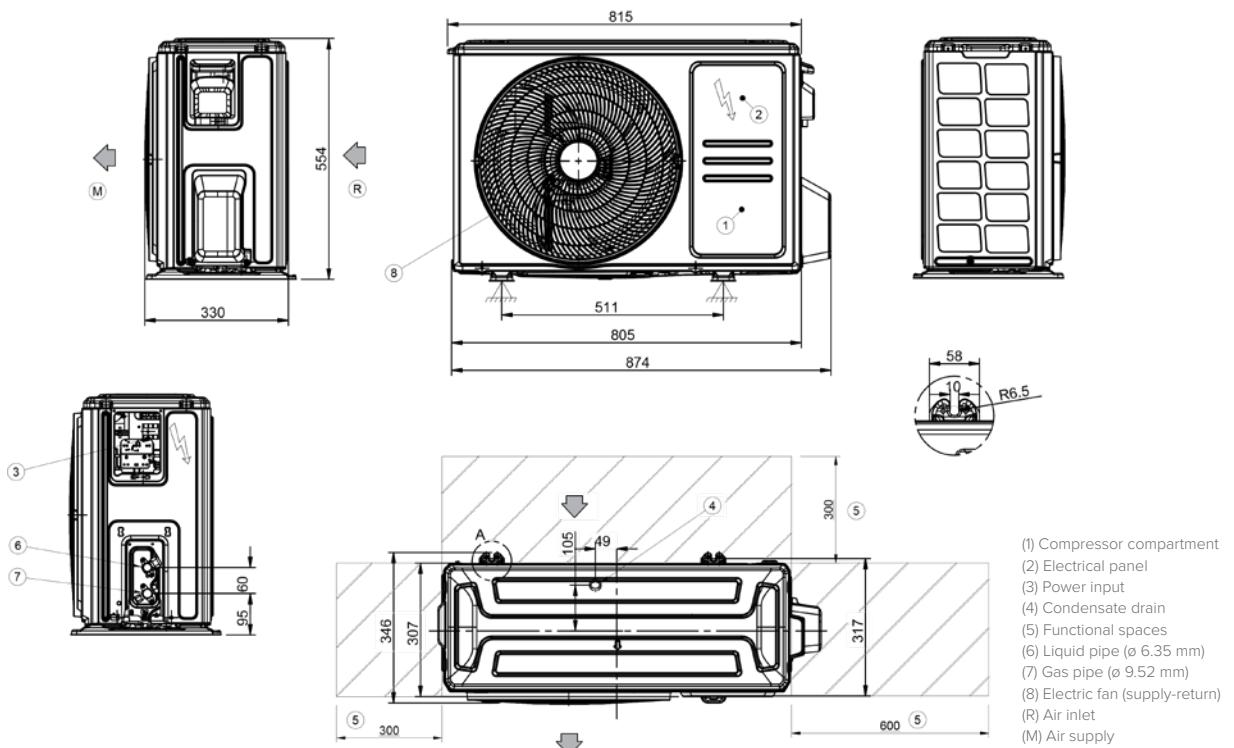
CRISTALLO - Outdoor unit

MM2-Y 27M ÷ 35M



CRISTALLO - Outdoor unit

MM2-Y 53M

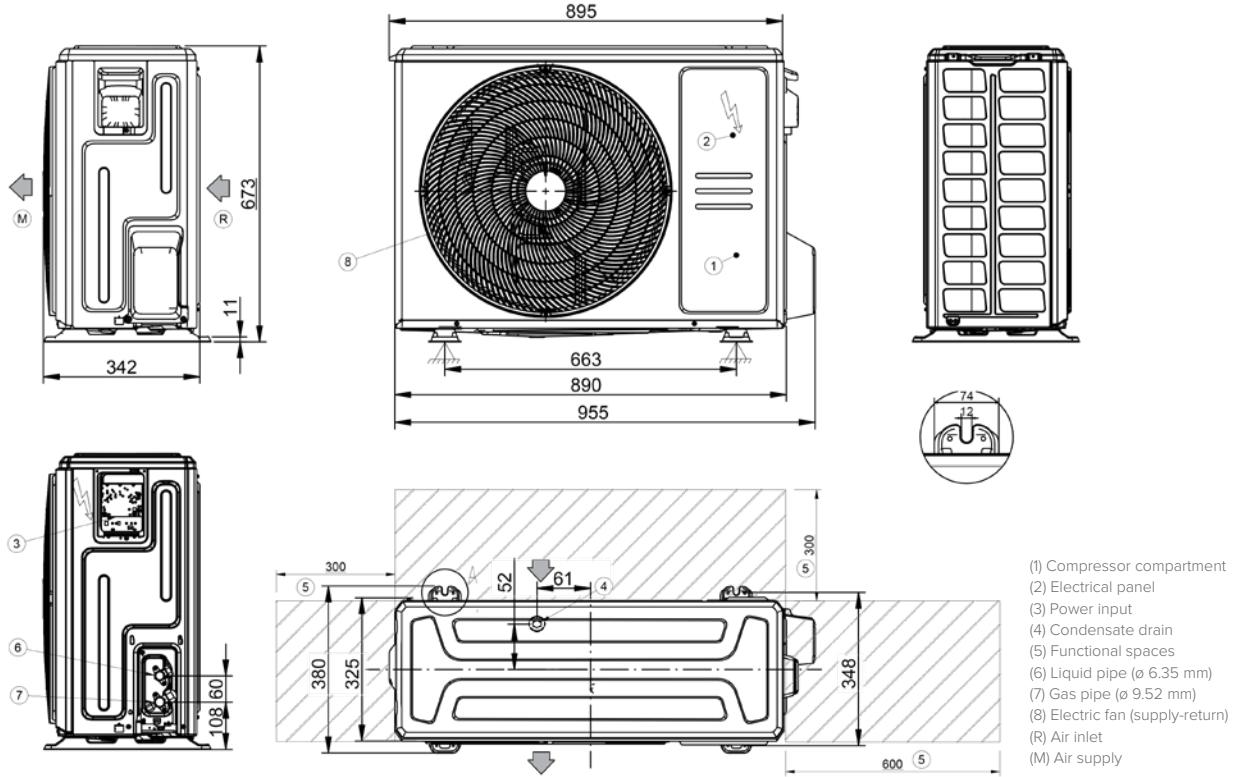


Unit of measurement: mm

DIMENSIONAL DRAWINGS

CRISTALLO - Outdoor unit

MM2-Y 70M

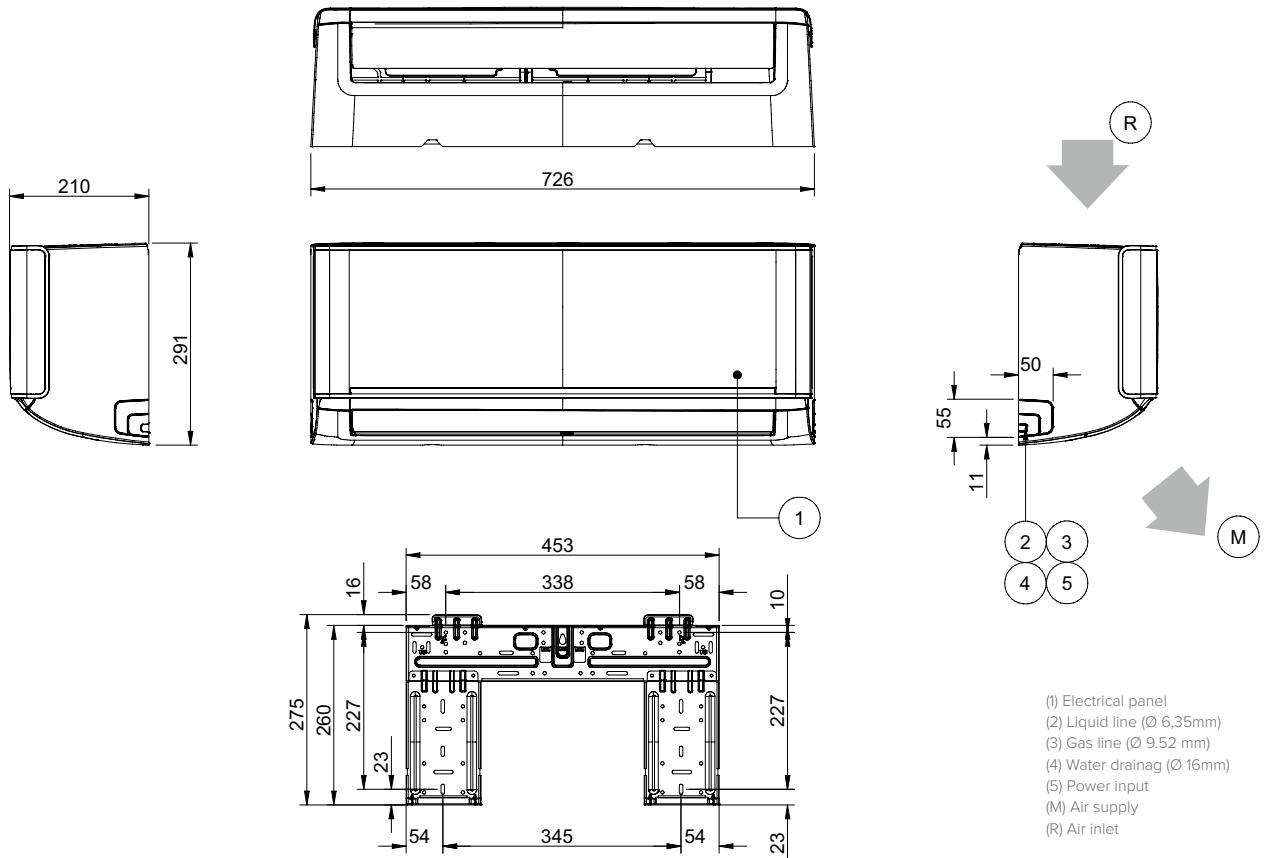


Unit of measurement: mm

DIMENSIONAL DRAWINGS

EZCool - Indoor unit

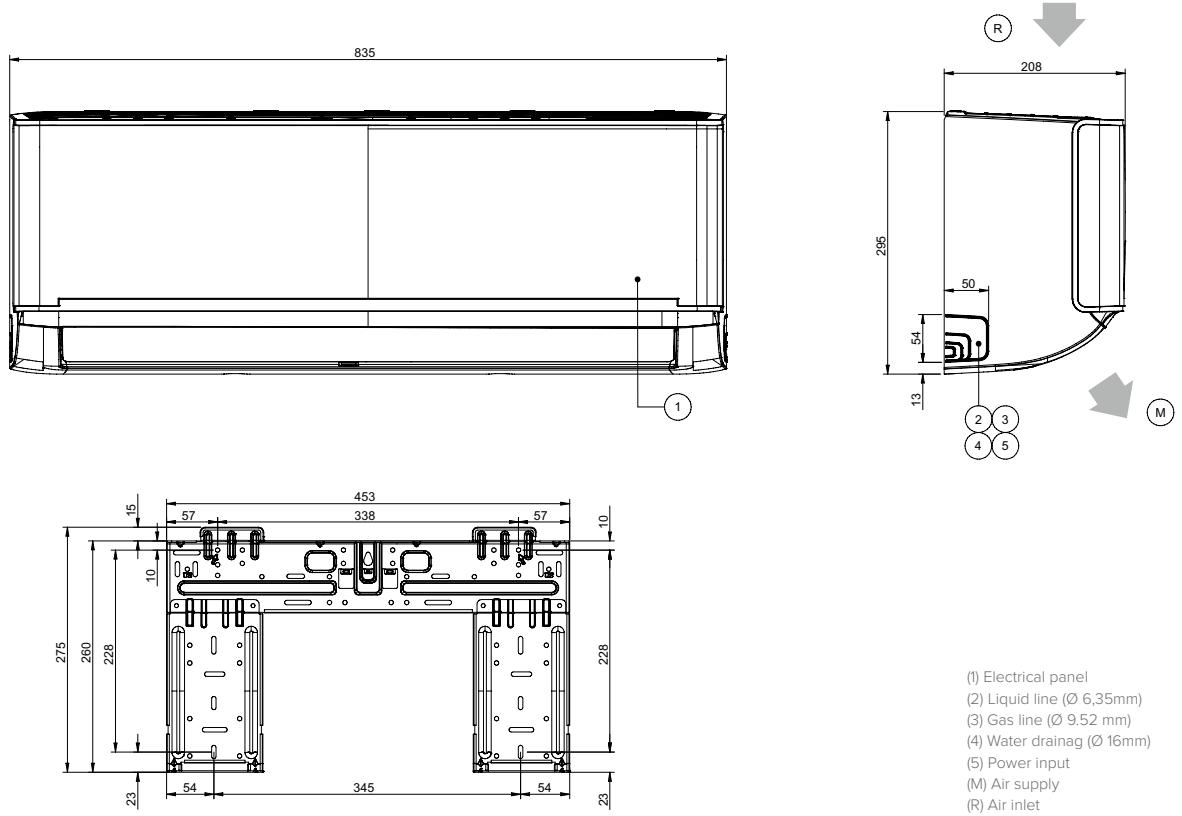
ILA1-Y 27M



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

EZCool - Indoor unit

ILA1-Y 35M



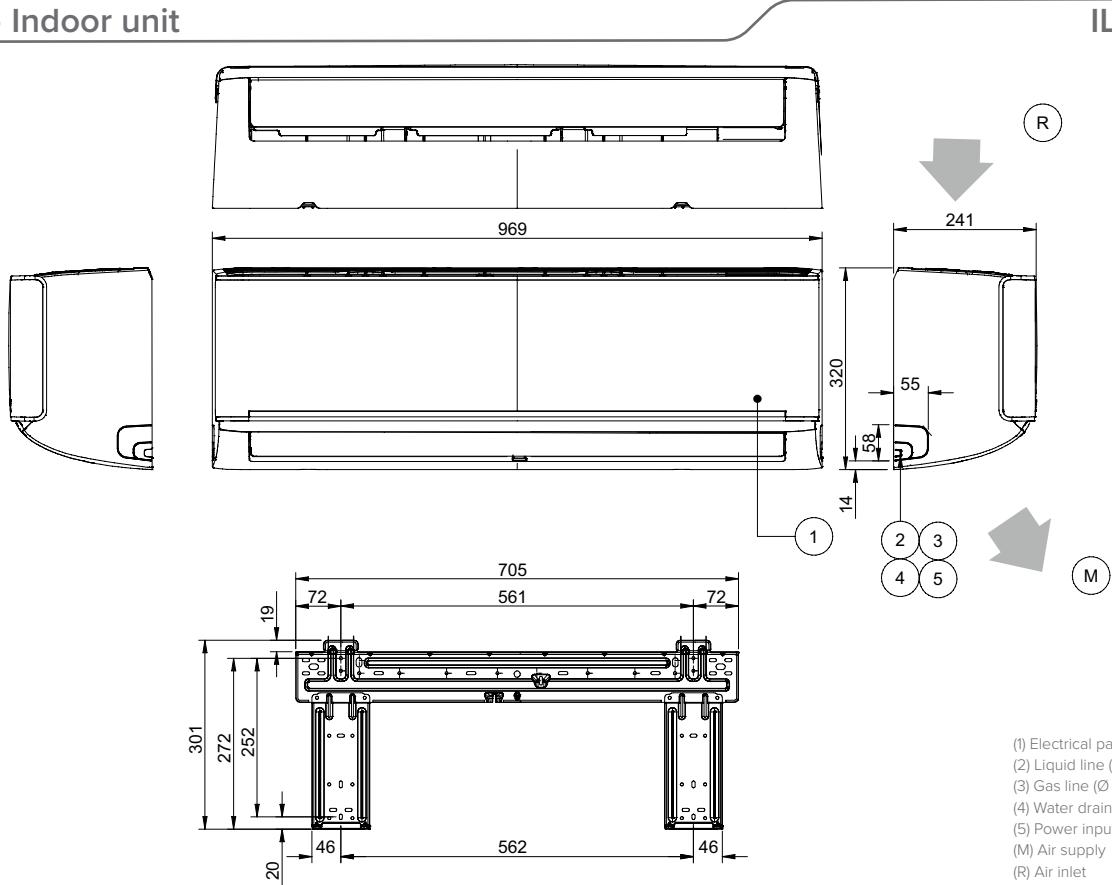
- (1) Electrical panel
- (2) Liquid line (Ø 6,35mm)
- (3) Gas line (Ø 9,52 mm)
- (4) Water drainag (Ø 16mm)
- (5) Power input
- (M) Air supply
- (R) Air inlet

Unit of measurement: mm

DIMENSIONAL DRAWINGS

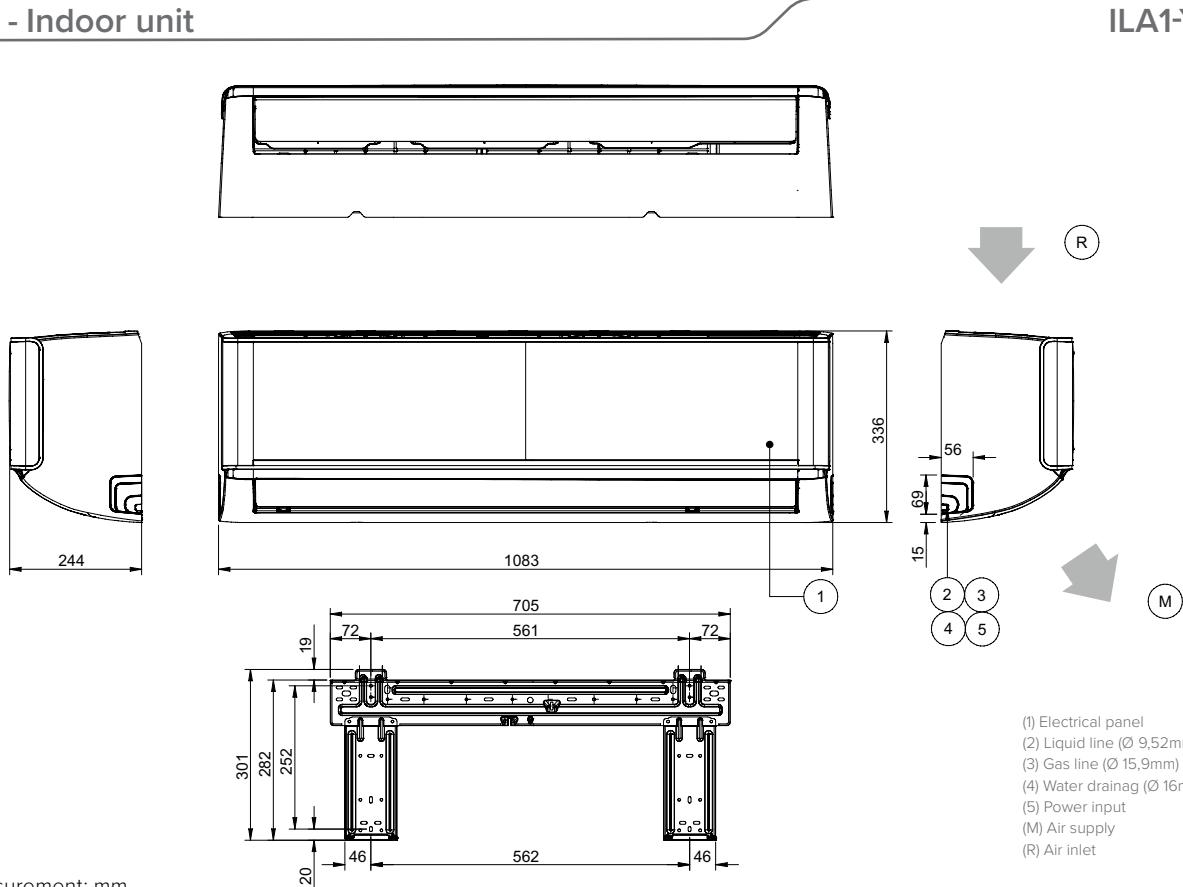
EZCool - Indoor unit

ILA1-Y 53M



EZCool - Indoor unit

ILA1-Y 70M

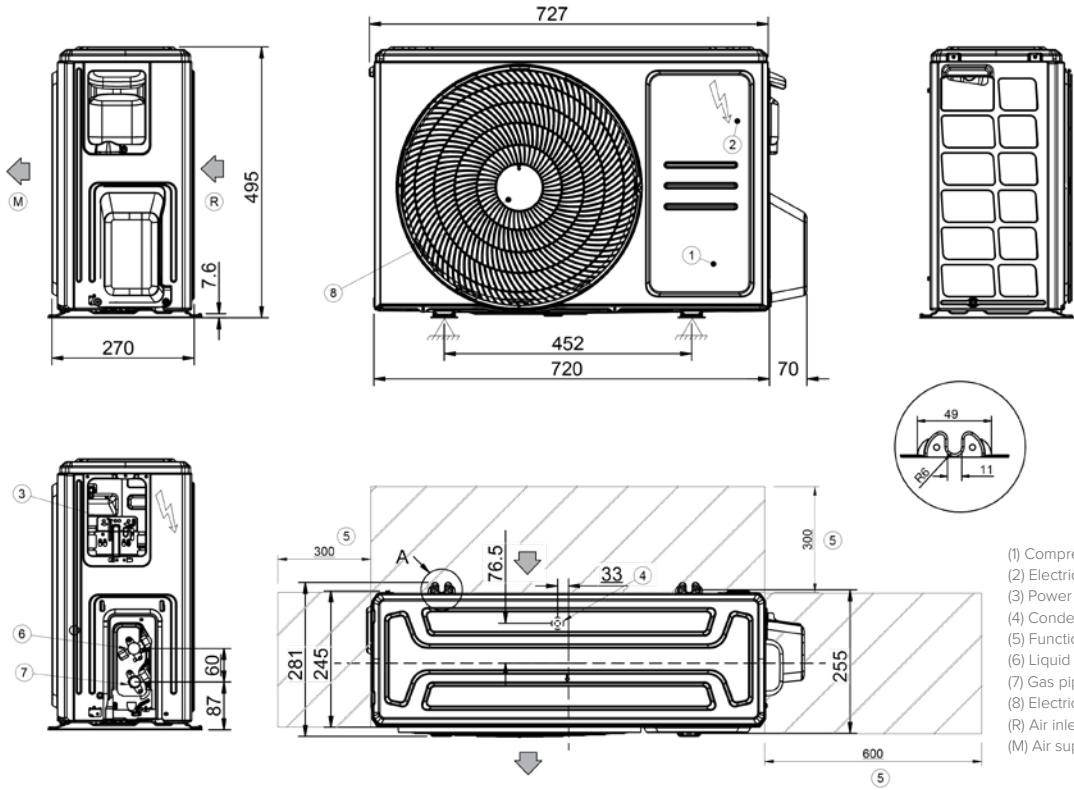


Unit of measurement: mm

DIMENSIONAL DRAWINGS

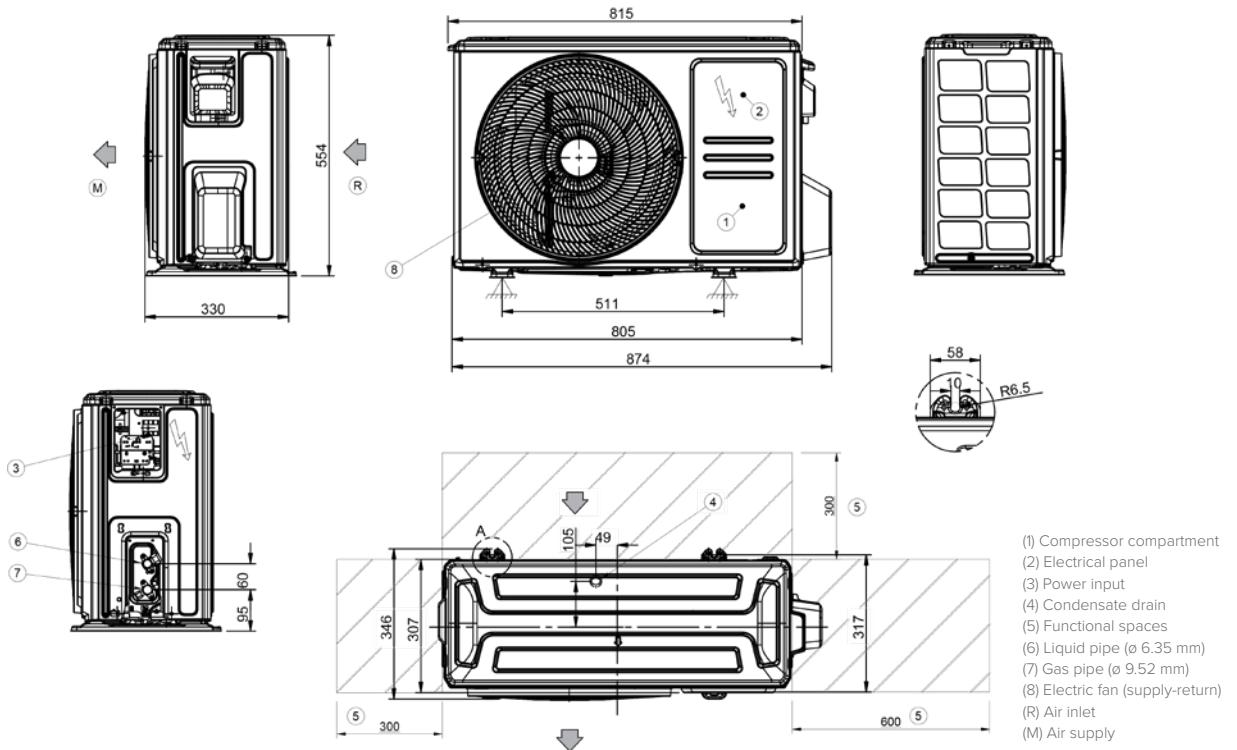
EZCool - Outdoor unit

MLA1-Y 27M - 35M



EZCool - Outdoor unit

MLA1-Y 53M

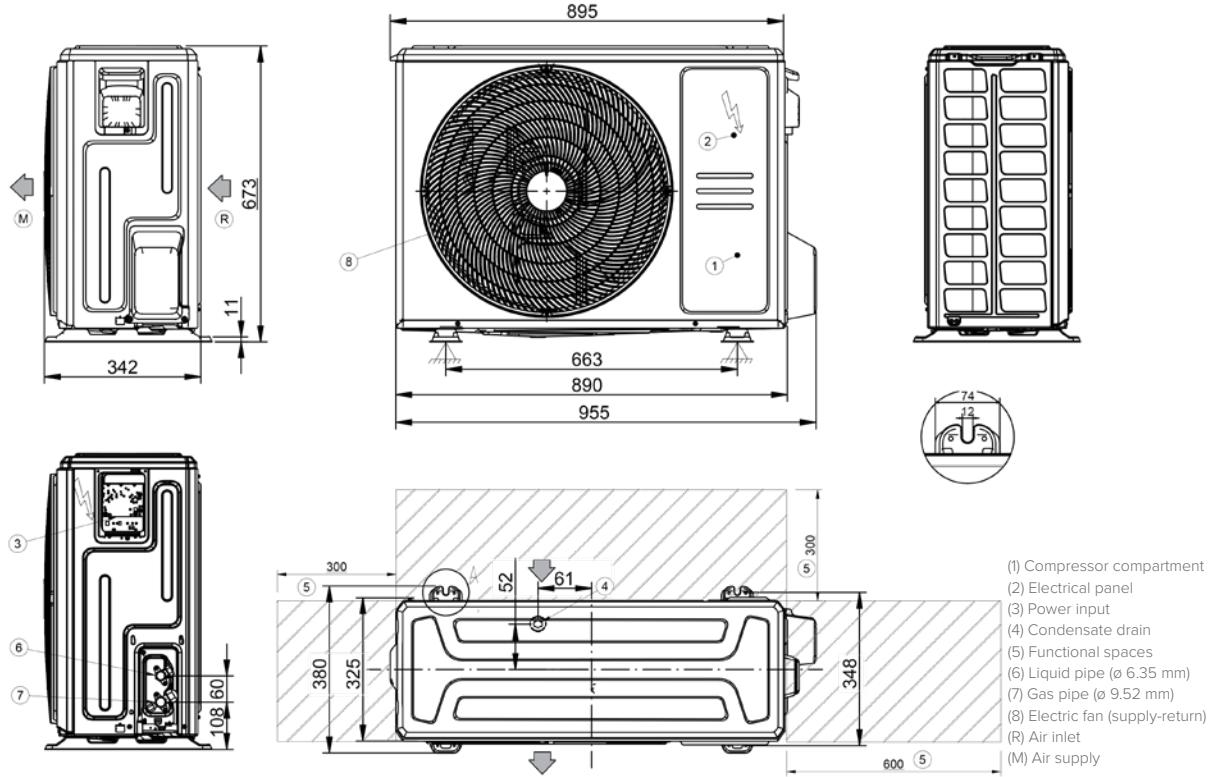


Unit of measurement: mm

DIMENSIONAL DRAWINGS

EZCool - Outdoor unit

MLA1-Y 70M

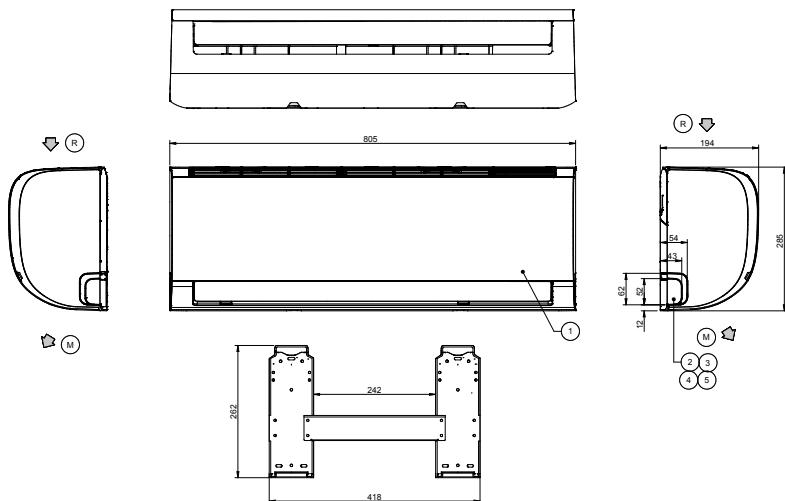


Unit of measurement: mm

DIMENSIONAL DRAWINGS

NATIV- Indoor unit

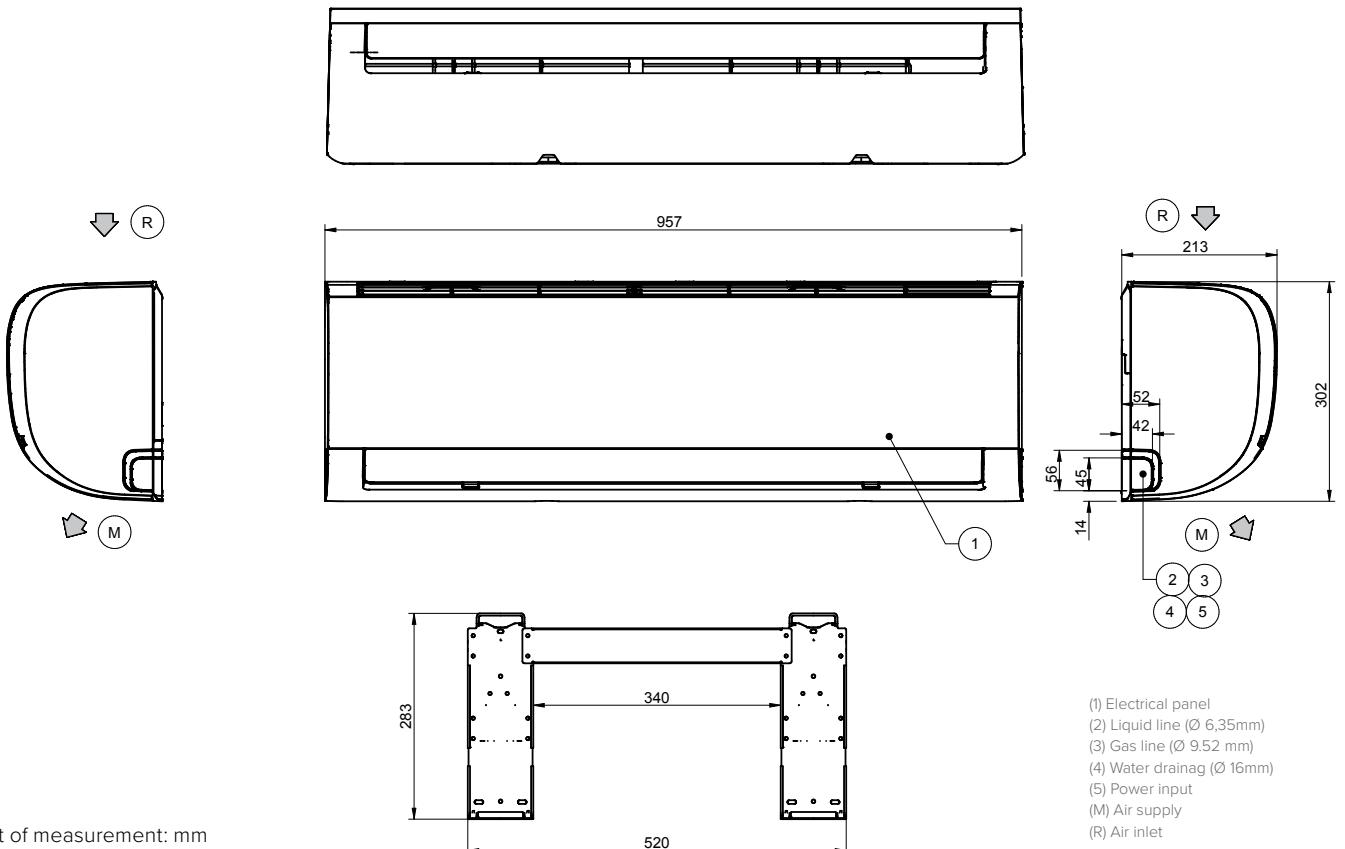
IZ2-XY 27 ÷ 35M



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

NATIV- Indoor unit

IZ2-XY 27 ÷ 53M



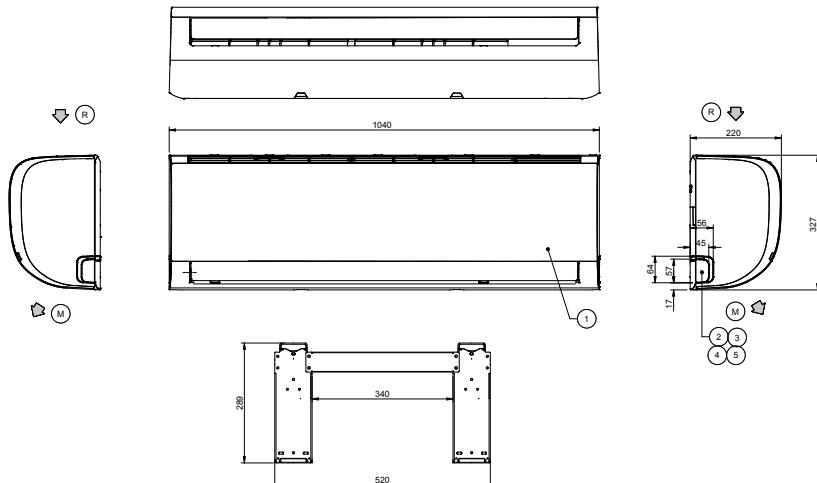
- (1) Electrical panel
- (2) Liquid line (Ø 6,35mm)
- (3) Gas line (Ø 9,52 mm)
- (4) Water drainag (Ø 16mm)
- (5) Power input
- (M) Air supply
- (R) Air inlet

Unit of measurement: mm

DIMENSIONAL DRAWINGS

NATIV- Indoor unit

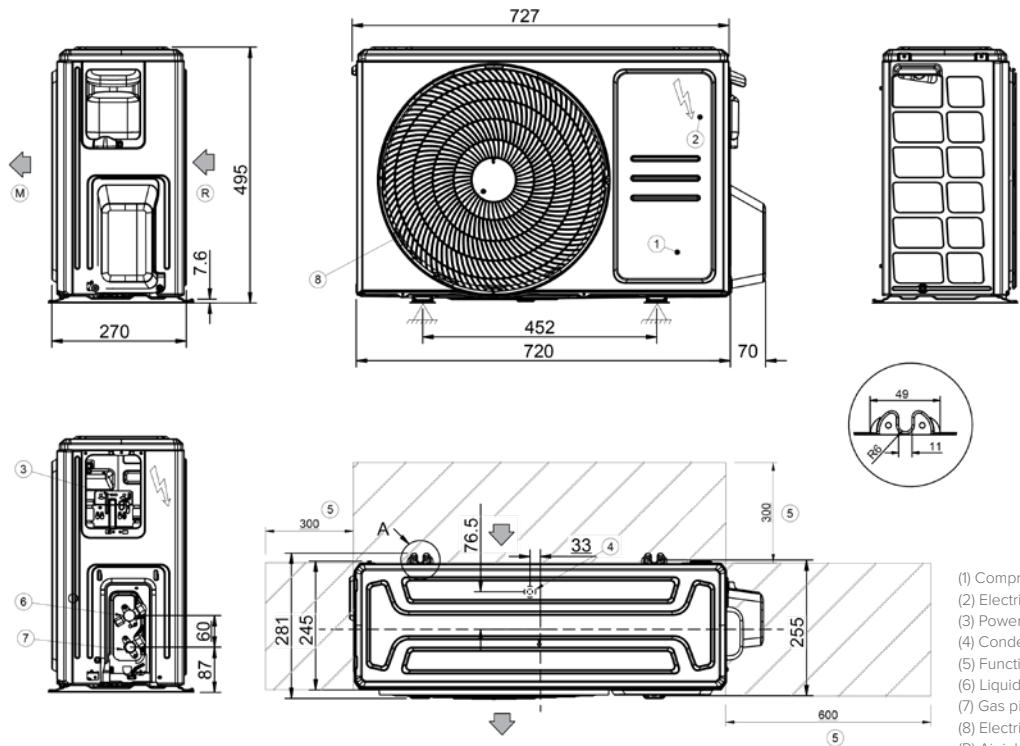
IZ2-XY 70M



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

NATIV- Outdoor unit

MZ2-Y 27 ÷ 35M



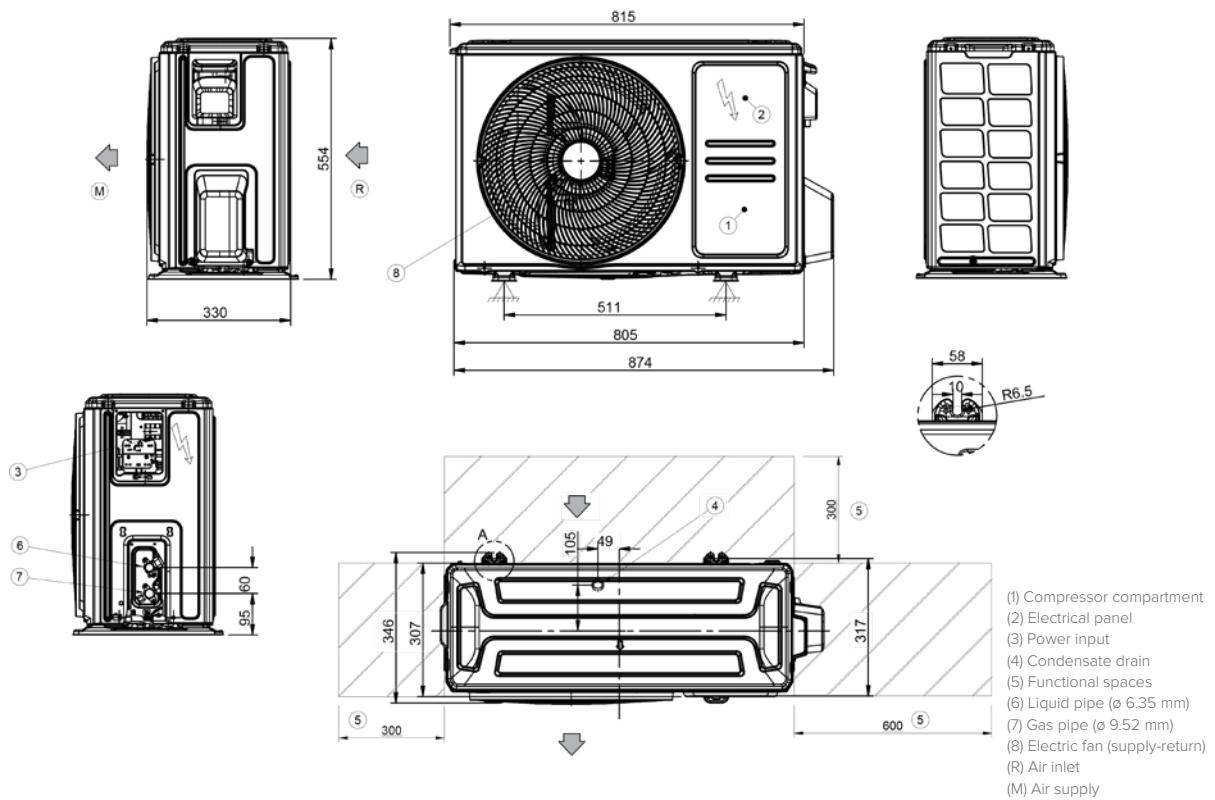
- (1) Compressor compartment
- (2) Electrical panel
- (3) Power input
- (4) Condensate drain
- (5) Functional spaces
- (6) Liquid pipe (Ø 6,35 mm)
- (7) Gas pipe (Ø 9,52 mm)
- (8) Electric fan (supply-return)
- (R) Air inlet
- (M) Air supply

Unit of measurement: mm

DIMENSIONAL DRAWINGS

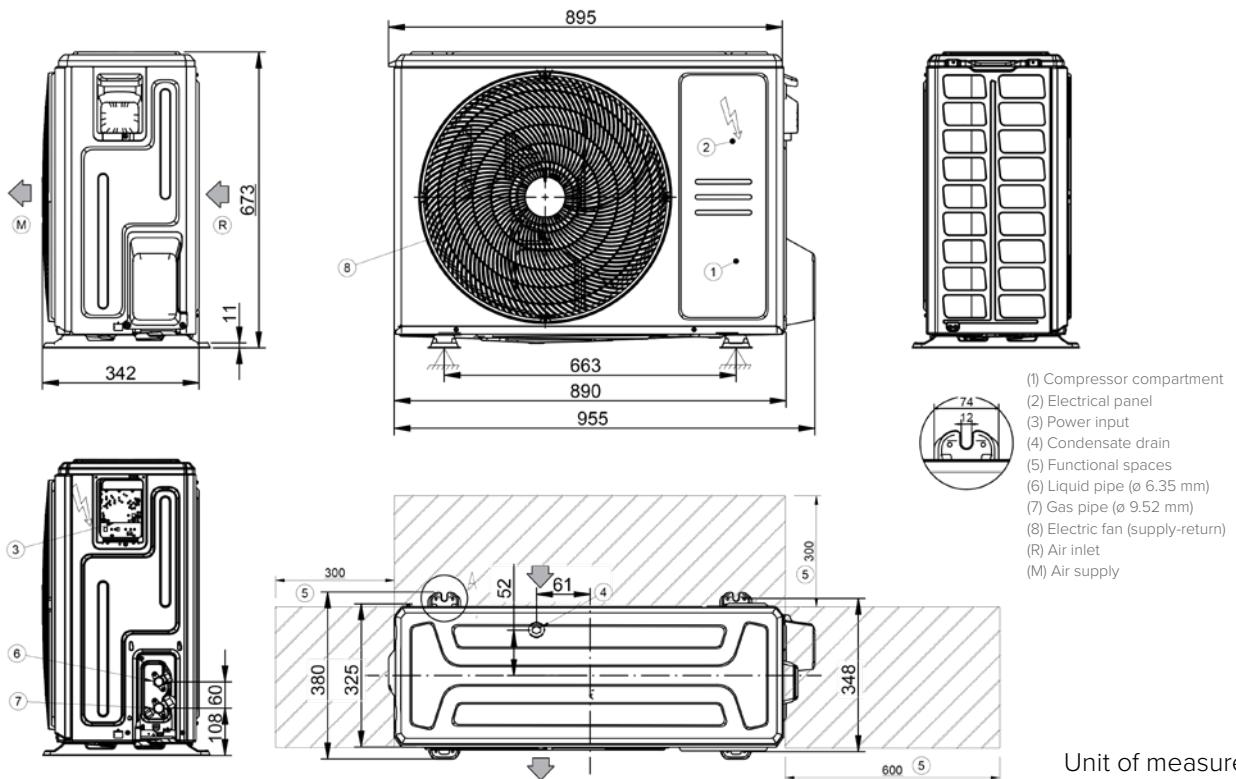
NATIV- Outdoor unit

M2Z-Y 53M



NATIV- Outdoor unit

M2Z-Y 70M



Unit of measurement: mm

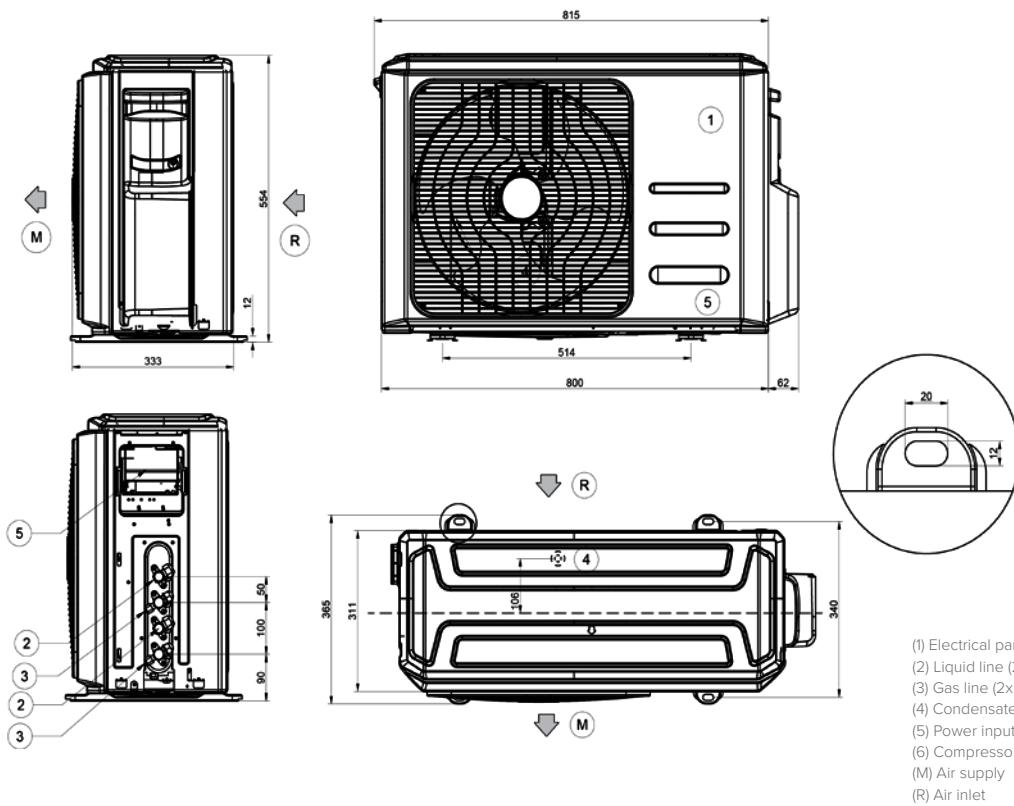


DIMENSIONAL DRAWINGS

Multi Split

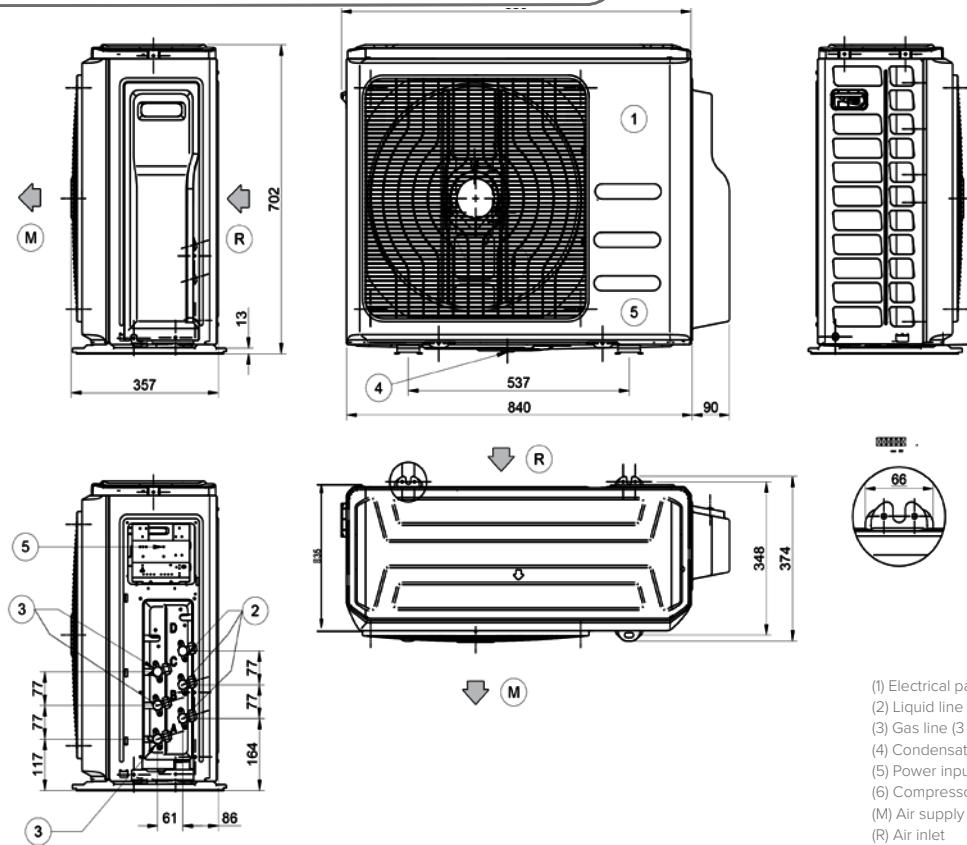
ODU-SM 2

MU2-Y 41M ÷ 53M



ODU-SM 2

MU2-Y 61M ÷ 79M

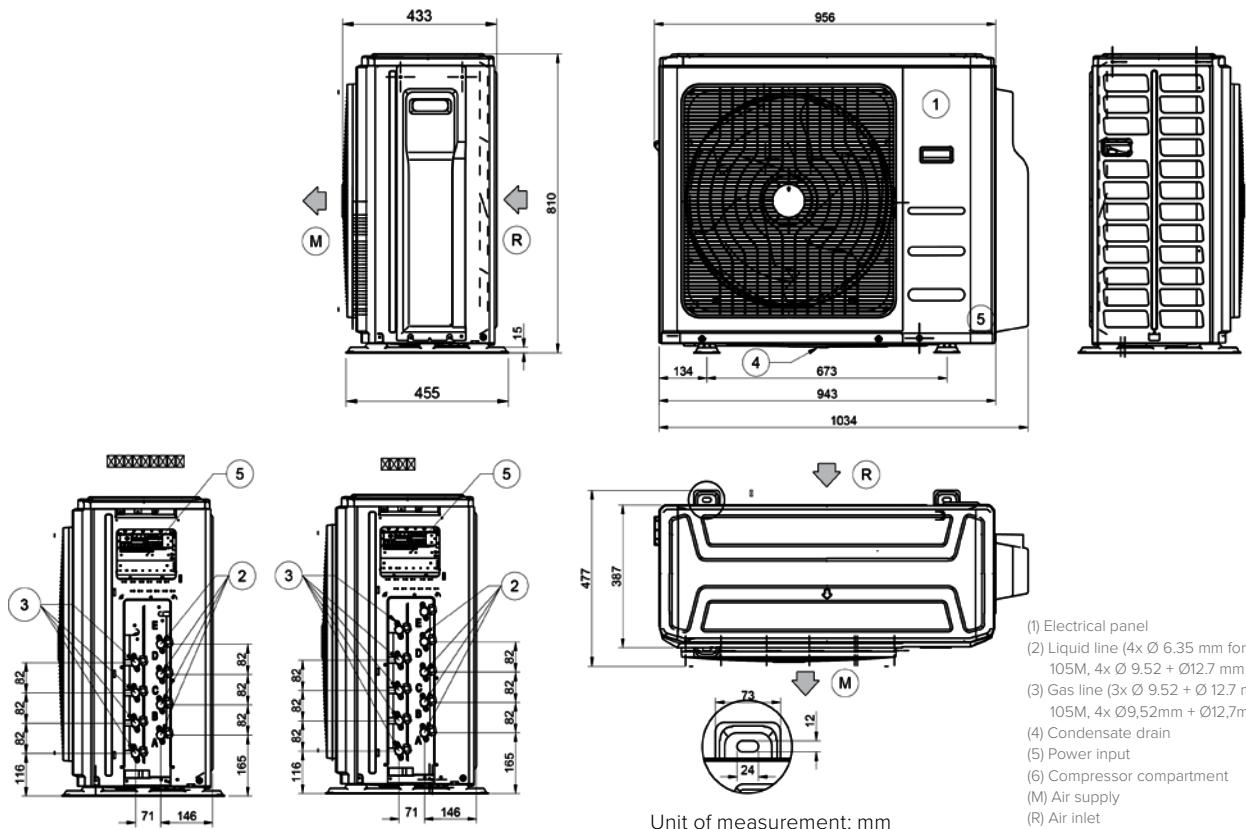


Unit of measurement: mm

DIMENSIONAL DRAWINGS

ODU-SM 2

MU2-Y 82M ÷ 105M ÷ 125M



DIMENSIONAL DRAWINGS

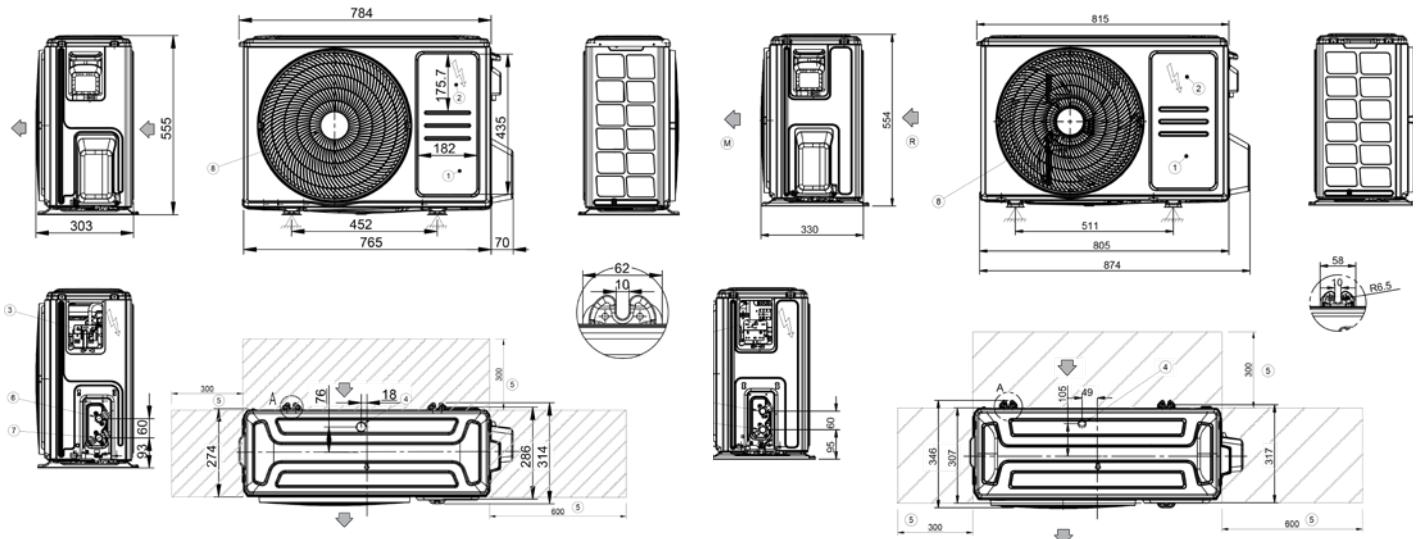
Light Commercial

ODU-SL 2

MC3-Y 35M

ODU-SL 2

MC3-Y 53M



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

- (6) Liquid pipe (ø 6.35 mm)
- (7) Gas pipe (ø 9.52 mm)
- (8) Electric fan (supply-return)
- (R) Air inlet
- (M) Air supply

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

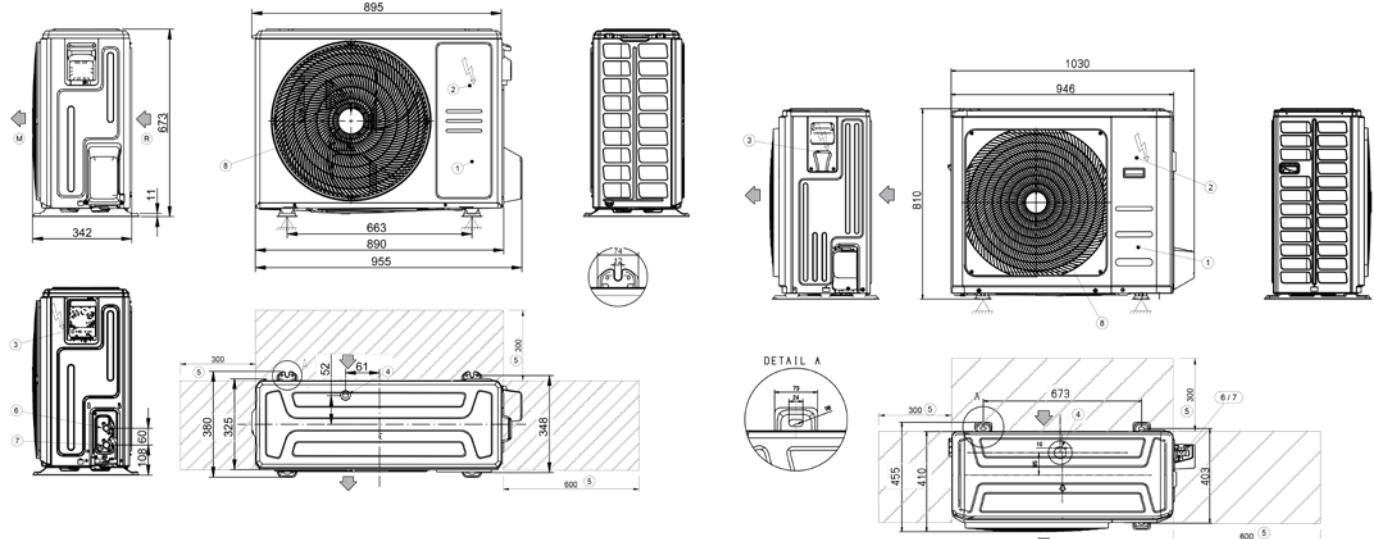
- (6) Liquid pipe (ø 6.35 mm)
- (7) Gas pipe (ø 9.52 mm)
- (8) Electric fan (supply-return)
- (R) Air inlet
- (M) Air supply

ODU-SL 2

MC3-Y 70M

ODU-SL 2

MC3-Y 88M÷120M



Unit of measurement: mm

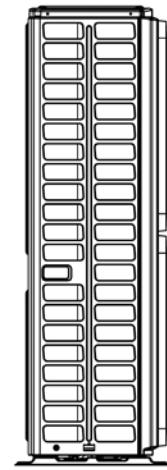
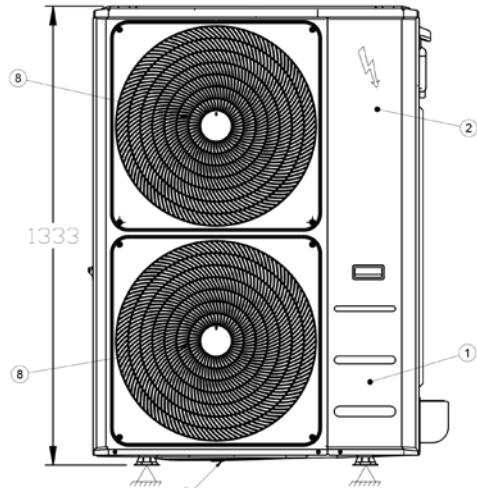
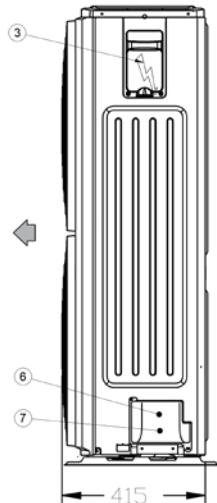
- (1) Compressor compartment
- (2) Electrical panel
- (3) Power input
- (4) Condensate drain
- (5) Functional spaces

- (6) Liquid pipe (ø 6.35 mm)
- (7) Gas pipe (ø 9.52 mm)
- (8) Electric fan (supply-return)
- (R) Air inlet
- (M) Air supply

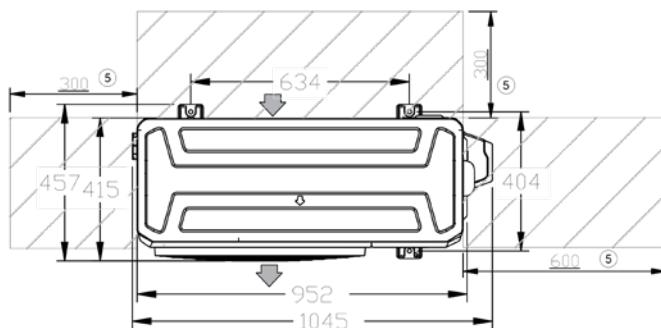
- (1) Electrical panel
- (2) Liquid pipe (ø 6.35 mm)
- (3) Gas line (3x ø 9.52 + ø 12.7 mm for 82M and 105M, 4x ø 9.52 + ø 12.7 mm for 125M)
- (4) Condensate drain
- (5) Power input
- (6) Compressor compartment
- (M) Air supply
- (R) Air inlet

DIMENSIONAL DRAWINGS

ODU-SL 2



MC3-Y 140T÷160T



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

Unit of measurement: mm

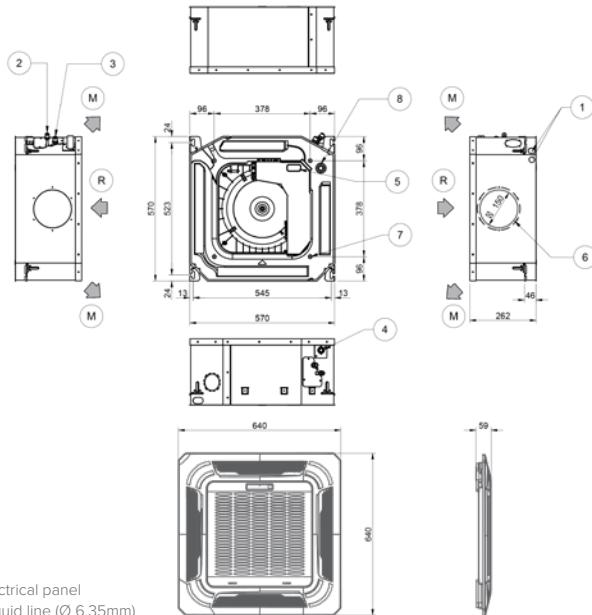
DIMENSIONAL DRAWINGS

BOX 2 650X650

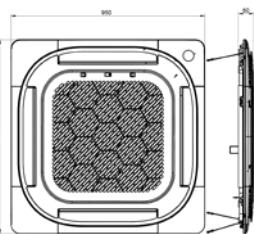
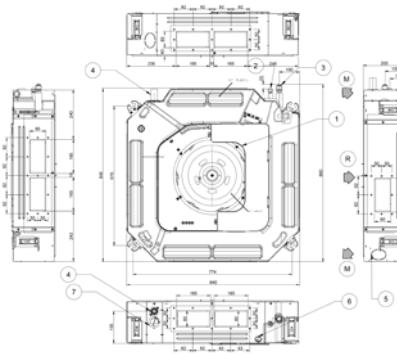
IB3-XY 27M÷53M

BOX 2 950X950

IA3-XY 70M



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



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

BOX 2 950X950

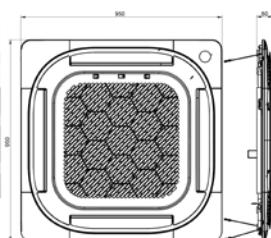
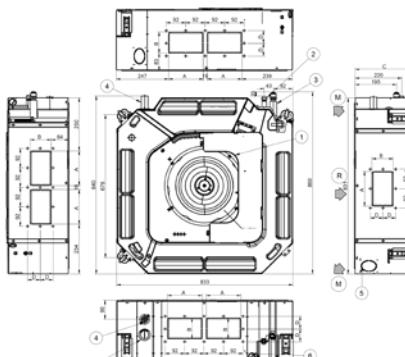
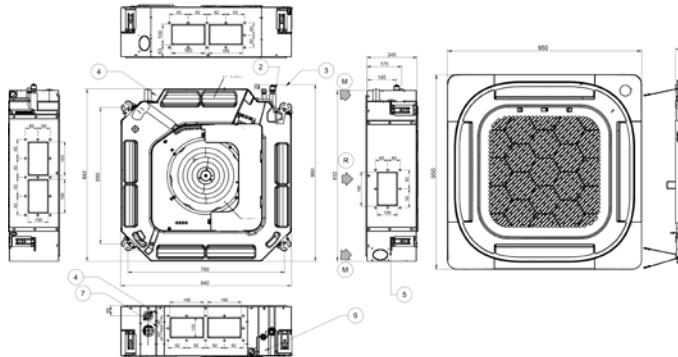
IA3-XY 88M÷105M

BOX 2 950X950

IA3-XY 120M÷160M

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

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



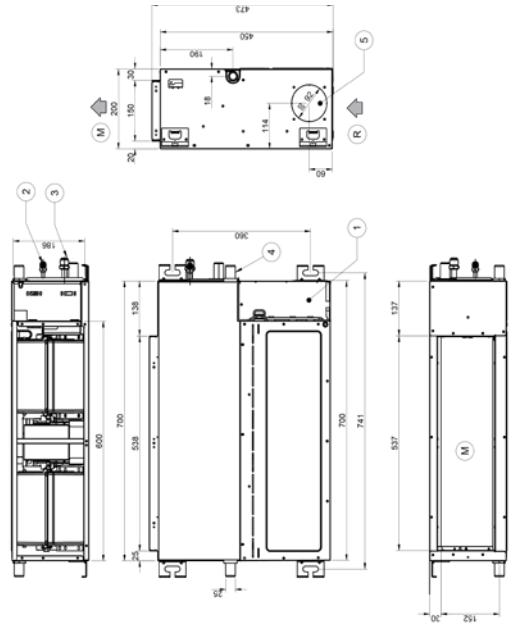
Unit of measurement: mm

DIMENSIONAL DRAWINGS

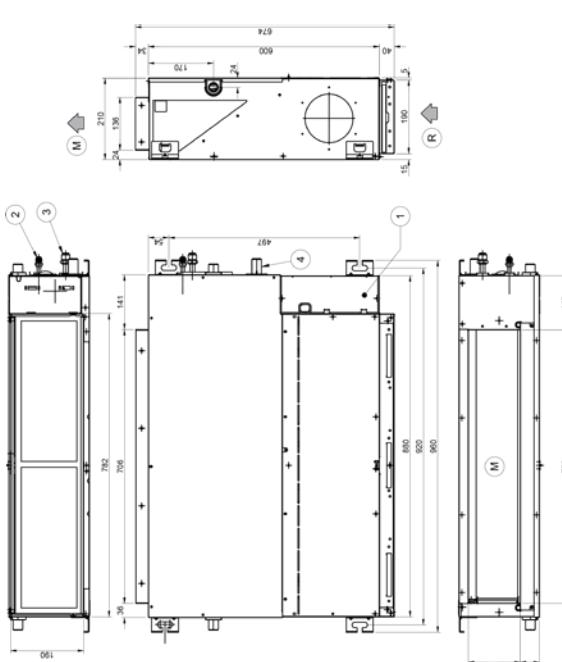
DUCT 2

ID3-XY 27M÷35M DUCT 2

ID3-XY 53M



- (1) Electrical panel
- (2) Liquid line (\varnothing 6,35mm)
- (3) Gas line (\varnothing 9,52 mm)
- (4) Condensate drain (\varnothing 25mm)
- (5) Fresh air intake
- (M) Air supply
- (R) Air inlet

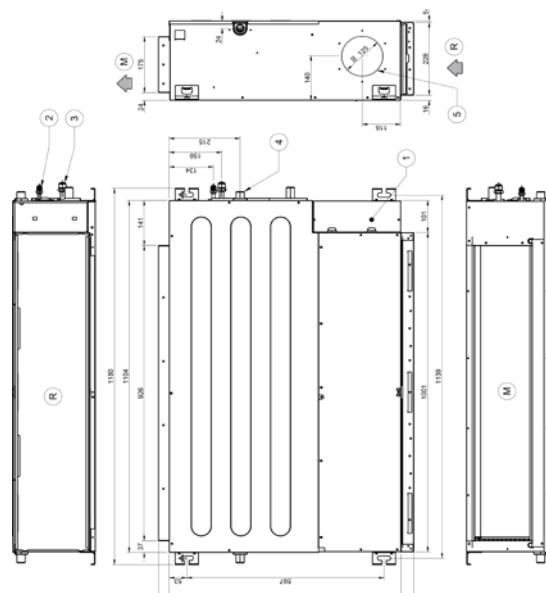


- (1) Electrical panel
- (2) Liquid line (\varnothing 6,35mm)
- (3) Gas line (\varnothing 12,7mm)
- (4) Condensate drain (\varnothing 25mm)
- (5) Fresh air intake
- (M) Air supply
- (R) Air inlet

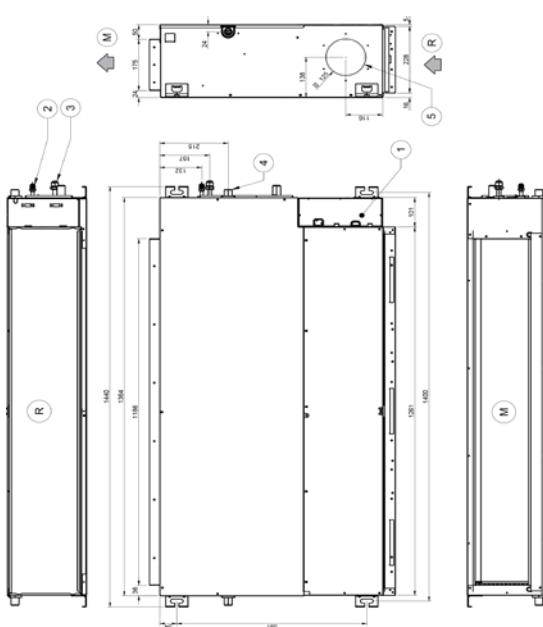
DUCT 2

ID3-XY 70M DUCT 2

ID3-XY 105M



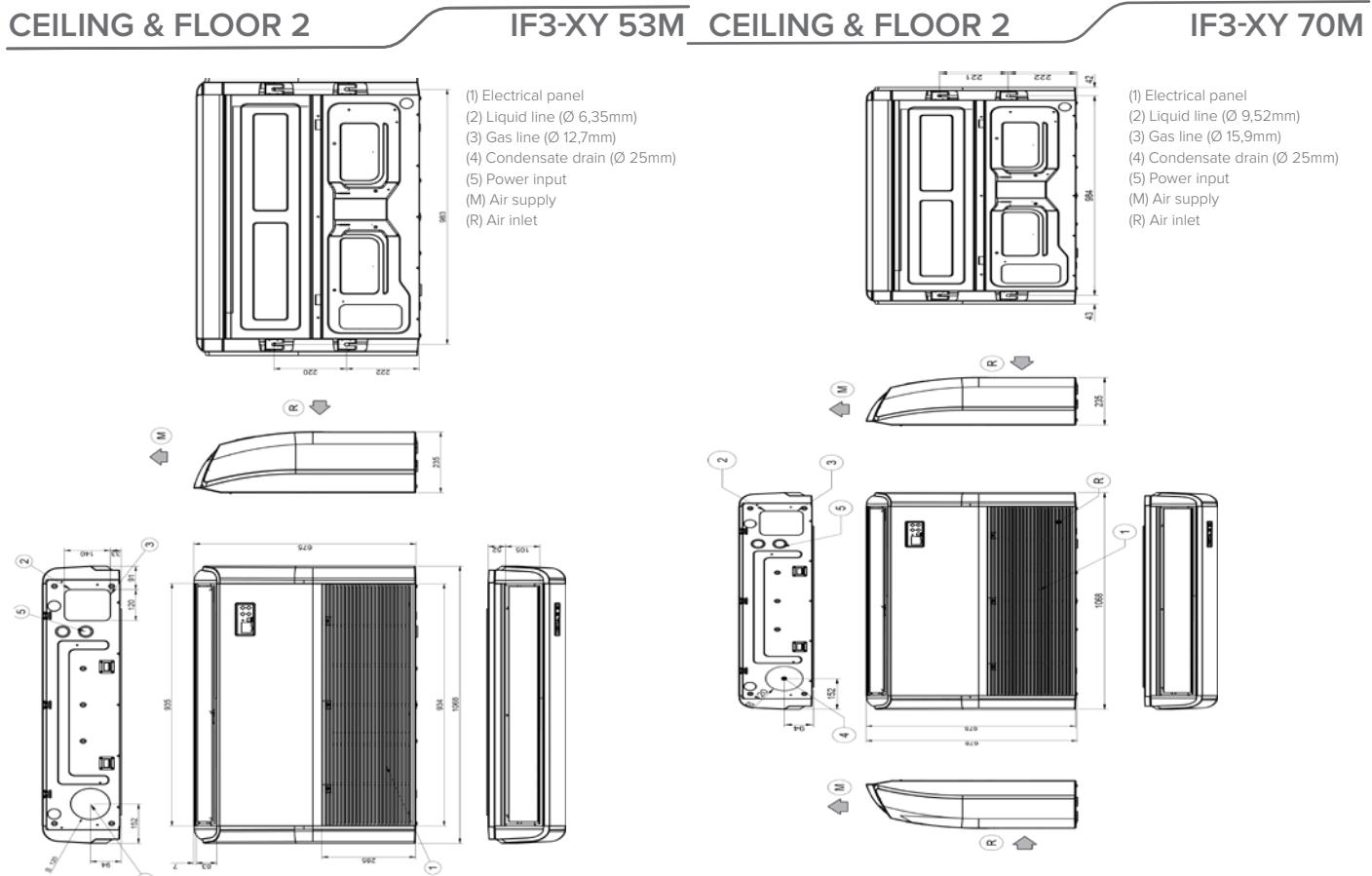
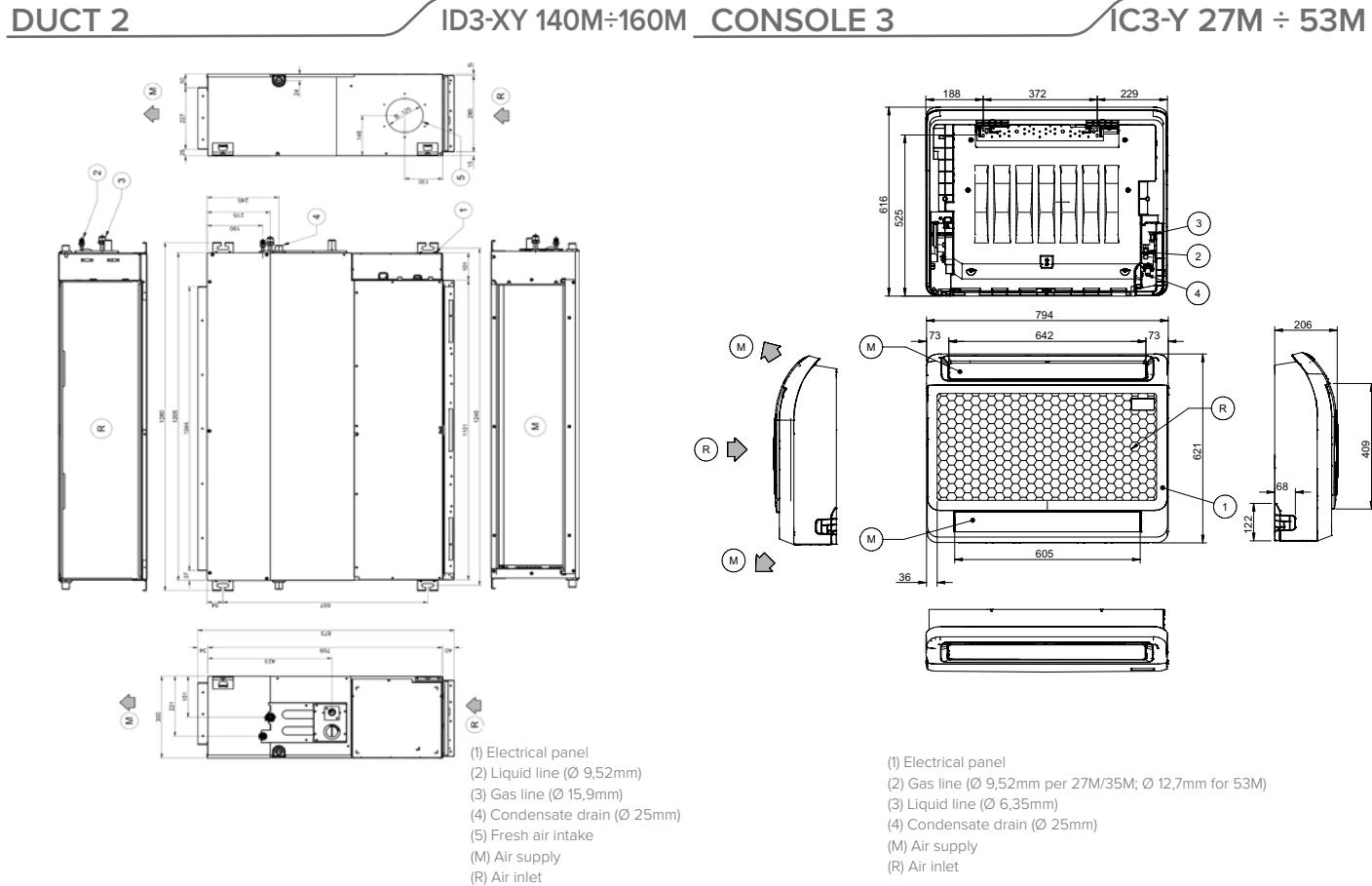
- (1) Electrical panel
- (2) Liquid line (\varnothing 9,52mm)
- (3) Gas line (\varnothing 15,9mm)
- (4) Condensate drain (\varnothing 25mm)
- (5) Fresh air intake
- (M) Air supply
- (R) Air inlet



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

Unit of measurement: mm

DIMENSIONAL DRAWINGS

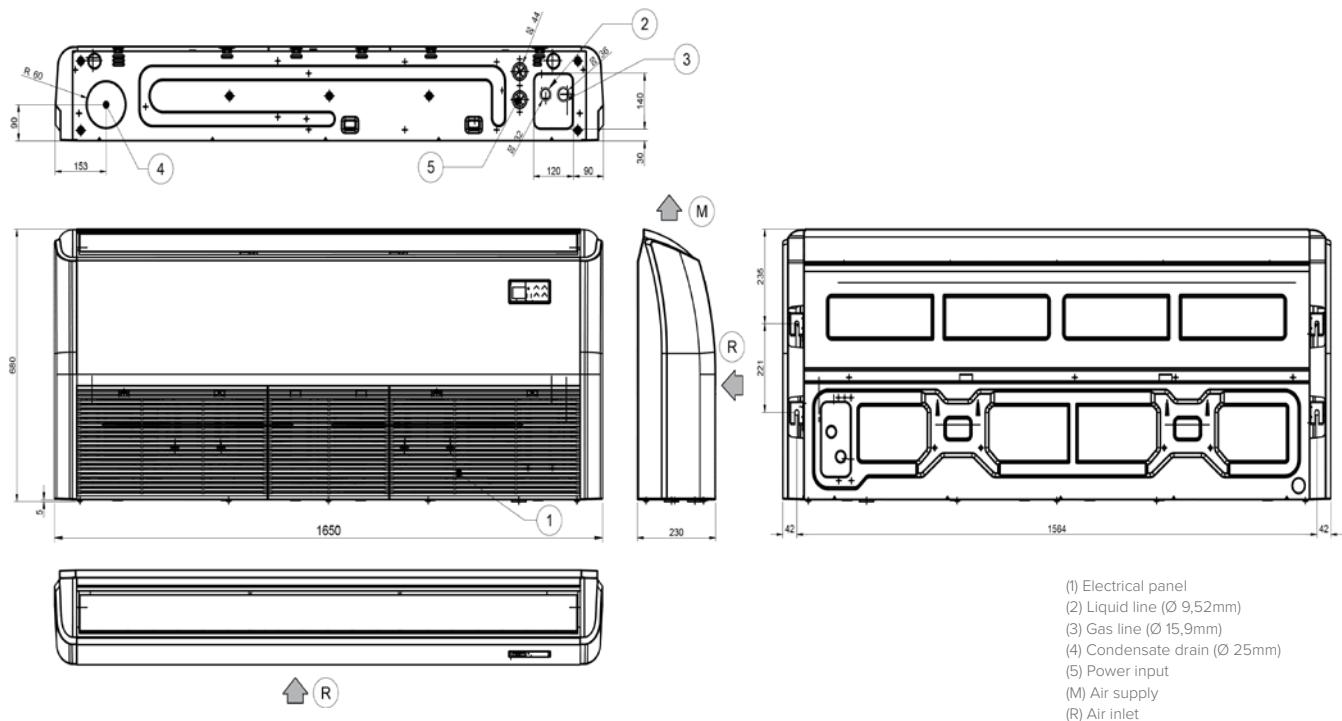


Unit of measurement: mm

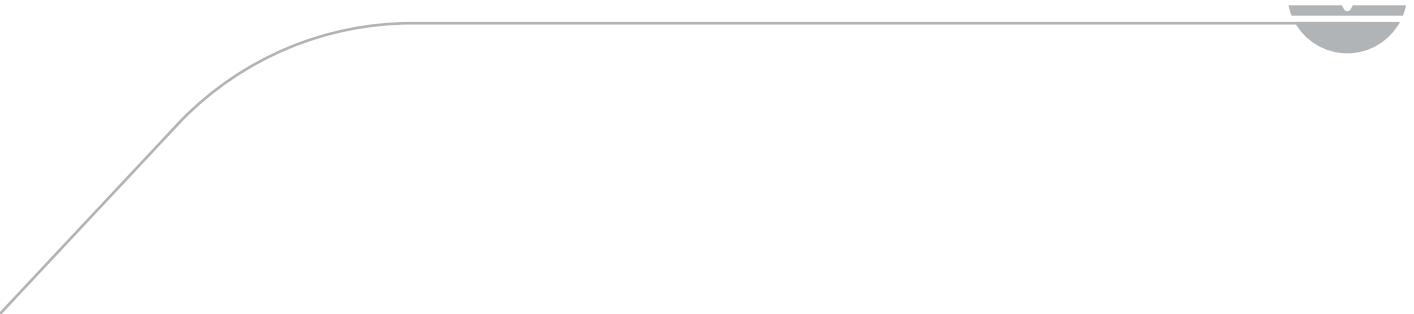
DIMENSIONAL DRAWINGS

CEILING & FLOOR 2

IF3-XY 105M÷140M÷160M



Unit of measurement: mm



INDEX

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

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Updated data available on www.clivet.com



ICONS GUIDE

ICONS GUIDE

ENERGY SAVING



1W Stand-by

Reduction of power consumption during the stand-by function.



Sleep

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



Intelligent Eye Detector

Infrared sensor that adapt unit operations following people presence.



Gear

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



ECO

Energy-saving operation mode



Holiday away

Energy-saving mode for long period staying outside home

COMFORT



Follow Me

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



Turbo

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



Mute Operation

Deactivating audible warnings and switching off the display.



Silent

Low noise operating profile



Stepless Indoor Fan Speed

The fan speed is adjustable anywhere in the range 1%-100%



12 Grades Indoor Fan Speeds

Up to 12 grades indoor fan speeds, ensure more accurate control and bring more comfortable airflow.



Stepless Outdoor Fan Speed

The fan speed is adjustable anywhere in the range 1%-100%.



7 Grades Outdoor Fan Speeds

Up to 7 grades outdoor fan speeds, ensure more accurate control and energy saving.



5 Grades Outdoor Fan Speeds

Up to 5 grades outdoor fan speeds, ensure more accurate control and energy saving.



Anti-cold Air

This function can prevent cold air blowing out to avoid discomfort to the users.



Temperature Compensation

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



Multidirectional airflow

Horizontal and vertical blades are motorised and remote-controlled



360° Airflow Panel

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



High Air Outlet temperature

The unit can distribute high temperature air even in harsh climates, ensuring optimal comfort.



Auto Swing

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



Long-Distance Windblast

Long supply airflow, for a better conditioning of every corner of the room.



Hot Water (Heat/DHW)

Hot water production for Heating or DHW.



Ultra-low ambient heating

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



180° louver

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



Breeze away

Set the blades to avoid direct airflow



Cascade

Quick cooling function that let the horizontal louver rotate automatically



Humidity management

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

RELIABILITY



Refrigerant Leakage Detect

Notifies the presence of any refrigerant leaks.



Self-diagnosis function

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



Emergency Using

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



Auto Defrosting

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



Low Ambient Cooling

Air conditioner can operate in cooling mode even at low ambient temperatures.



Build-in Drain pump

Helps the indoor unit to dispose of condensation water.



Chasis Heating Belt

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



Compressor Heating Belt

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



Back-up electrical heater

An electrical heater helps the unit to operate at the worst conditions



Auxiliary heating source

The unit can manage an additional external heating source



Opposite fan rotation

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



Fresh Air

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

HEALTH



High Density filter

Better filter efficiency thanks to smaller holes for air passage



Cold Catalyst filter

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



Self-Cleaning

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



Anti-legionella

Disinfection cycle to prevent the bacteria inside DHW tank



Purification filter

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



i-clean

Indoor unit cleaning cycle that prevent odours and mould growing

CONVENIENCE



Manual Switch Button

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



Remote On/Off

With a smartcontrol board, the air conditioners can be turned on/off via long distance control signals.



Error Alarm Port

Port for remote alarm on the unit.



Wired Control

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



Central Control Management

The centralized controller is a multi-functional device that can control up to 64 indoor units.



BMS Management

Possible to manage the unit via BMS Software.



Wi-Fi control

Possible to manage the unit via App.



Single/Multi Compatible

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



Louver Position Memory Function

At each start, the air deflector will return to the last selected position.



Auto Restart

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



2-way Draining

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



Timer

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



Weekly Timer

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



0,5°C Temperature Regulation

Enhanced comfort, thanks to the temperature regulation with 0,5°C precision.



Automatic correction of the connection errors

It automatically redirects any connection errors.



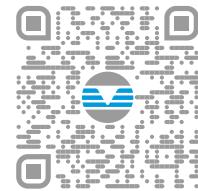
Voice control compatible

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

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