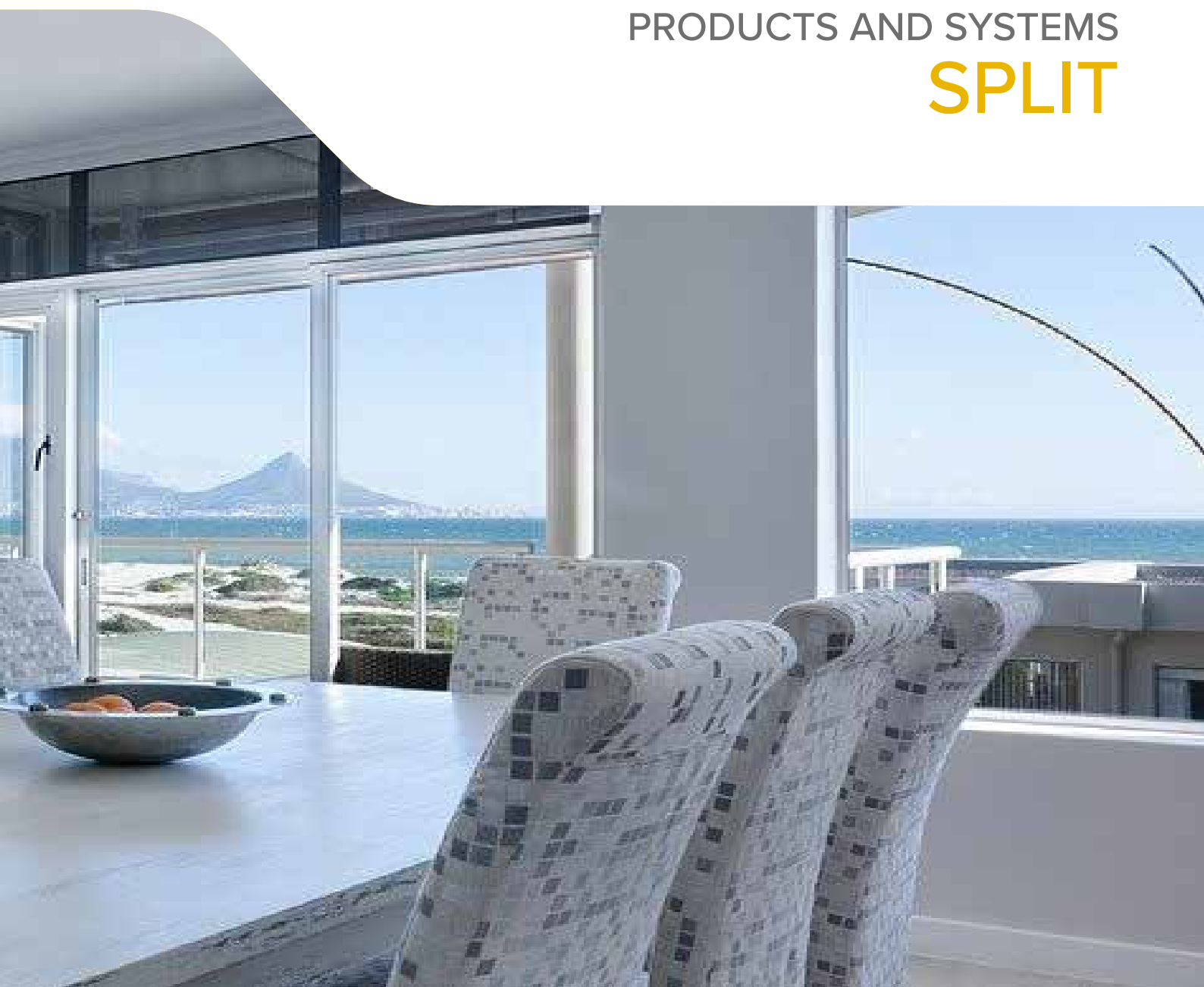




GUIDE 2021
PRODUCTS AND SYSTEMS
SPLIT



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



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.

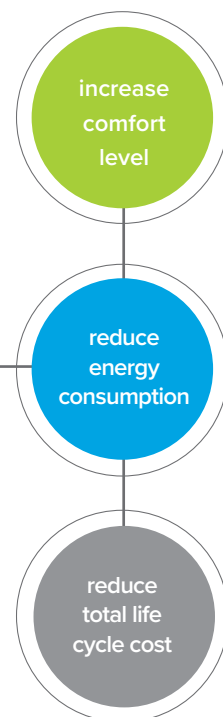


COMFORT FOR THE PLANET & PEOPLE

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

50.000 m²
OF PLANTS IN FELTRE,
BELLUNO - ITALY

640
EMPLOYEES
IN ITALY
AND ABROAD

160
SERVICE CENTRES

2016
A GROUP
COMPANY OF


35
AGENCIES
IN ITALY

90
COUNTRIES WE
EXPORT TO

7 BRANCHES:
GREAT BRITAIN, GERMA-
NY, INDIA,
RUSSIA, UAE,
CHINA, BALKANS

2015
CLIVET LIVE IS BORN

2020
MIDEA GROUP #307 FORTUNE
GLOBAL 500
40.440 \$M
OF TURNOVER

New additions to the 2021 range

CLIVET



Even smarter management thanks to Voice control

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



New latest-generation centralisers

A new range of latest-generation centralisers is available to build mini-networks:

CCM-180A/WS

6.2" touch-screen, ideal for groups of up to 64 indoor units and with weekly scheduler



CCM-270A/WS

10.1" touch-screen, ideal for mixed VRF / SPLIT systems up to 384 indoor units



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 placed.

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:

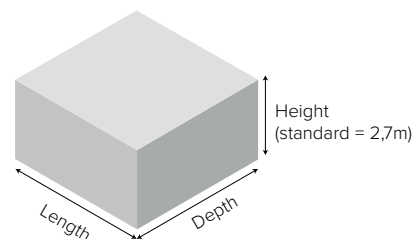
MONOSplit / Light Commercial



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

NOTE:

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

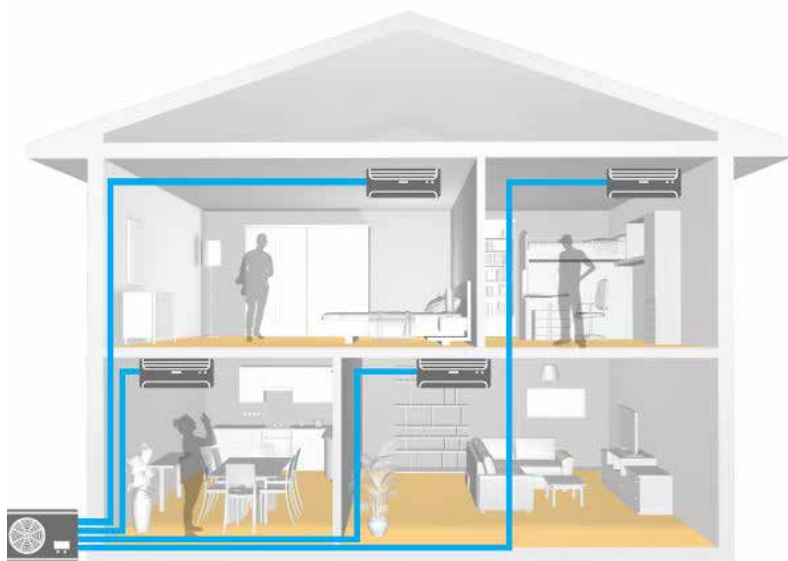


Room volume = length x depth x height

Typical rooms (example with Cristallo):

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

Model				Power input	Capacity and Efficiency						Energy Class	
Set S.IM1+MM1-Y	Unit		Configuration code		Cooling			Heating			Cooling/ Heating	
					kW	Btu/h	SEER	kW	Btu/h	SCOP		
	27M	IDU			IMI-XY 27M	AAP3Q100-0001	230/1/50	2.6 (1,0*3.2)	9.000 (3.500*10.900)	7,1		2,8 (0,9~3,7)
	ODU	MM1-Y 27M	AAMMQ100-0001	230/1/50								



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

Application examples:

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

Area	Room	Surface [m²]	Volume [m³]	Required C [W]	Size
Sleeping area	Bedroom	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

Model		Connectable Indoor Units	Capacity				Energy Class†
Outdoor unit	Configuration code		Cooling		Heating		Cooling/Heating
			kW	Btu/h	kW	Btu/h	
MUI-Y 105M	AAMVP100-0001	QUADRI (1÷4)	10,5 (3,68~13,65)	36.000 (12.500~46.500)	11,1 (3,89~13,32)	38.000 (13.000~45.500)	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 MUI-Y 105M unit.

Function

ENERGY SAVING

1W Stand-by (Wall-mounted 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:



LAMP
14 days



WASHING MACHINE
4 days.



REFRIGERATOR
3 days.



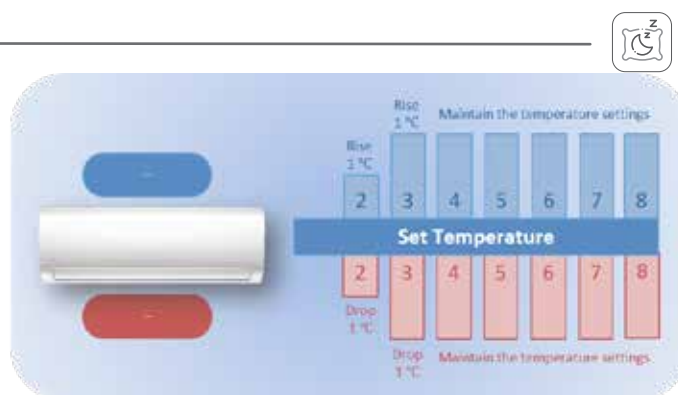
Sleep

The Sleep function allows to save energy during the night:
COOLING: the set temperature increases by 1°C/h for 2 hours and the fan of the indoor unit is set at low speed

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

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

The Sleep function can be activated from a standard control:



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:



COMFORT

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.



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 slat position.



Function

RELIABILITY

Low Ambient Cooling



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 -25°C and 50°C (with STELVIO).

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.



Refrigerant Leakage Detect



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.



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.



Self-Cleaning



Dries and cleans the heat exchanger of the indoor unit and prevents bad odours from being released into the environment.

Self-Cleaning cycle:

- 1) Ventilation for 13 minutes (eliminates most of the condensate from the heat exchanger)
- 2) Low-temperature heating for 1 minute (removes damp residues)
- 3) Ventilation for 2 minutes (dries any remaining condensate residues)

The Self-Cleaning function can be selected from a standard control.



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



BACnet

Modbus

LonWorks

KNX



Remote control



Wired control



Centralizer



Remote ON/OFF



Wi-Fi/Cloud

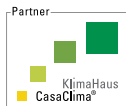


Certifications and safety

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.



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



In 2015 Clivet became a CasaClima partner, joining the network of companies that stand out for their high technical expertise and constant focus on sustainable management of homes.



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.



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

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





CLIVET UNIVERSITY

Clivet provides training classes to professionals willing to stand out in the field of innovative technologies using renewable energies. The training programme, structured in different levels providing detailed information, discusses annual-cycle systems based on heat pump technology.

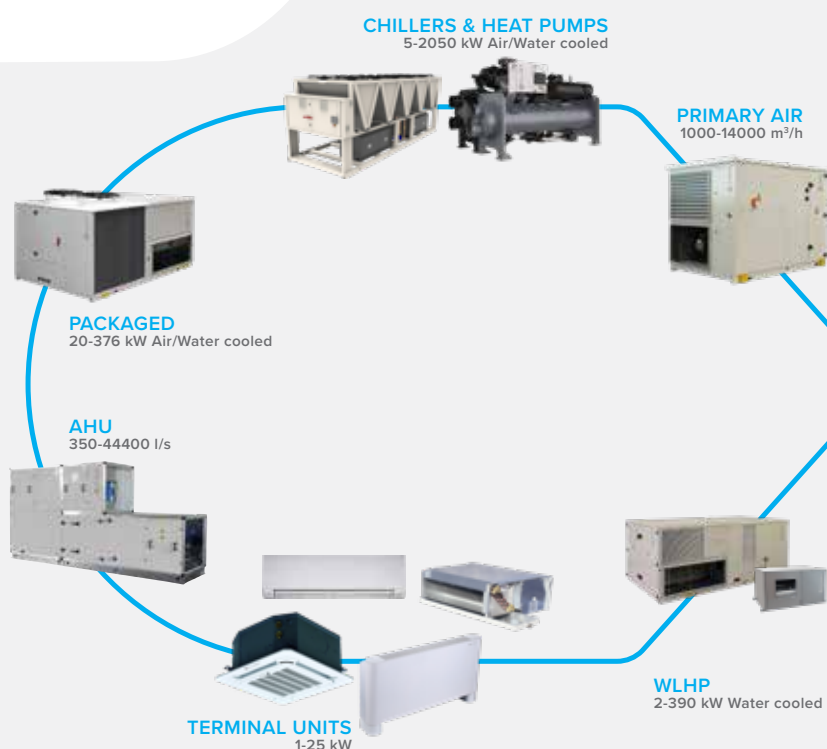


THE COURSES

Clivet offers a complete training catalogue for architects, mechanical engineers, installers, sales and technical staff:

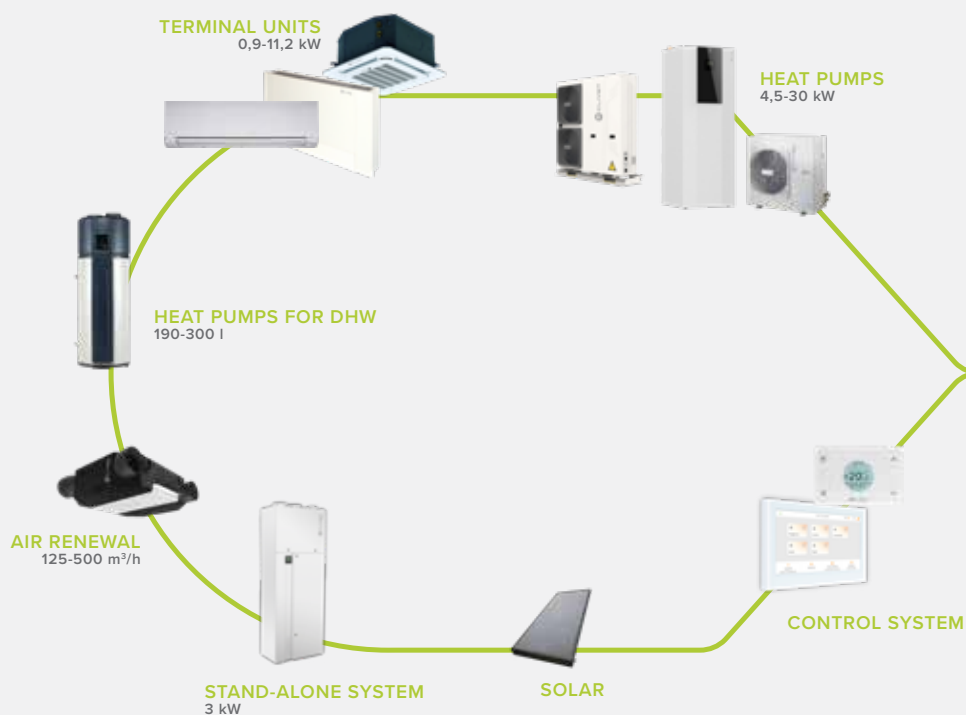
- Seminars for Distributors and Wholesalers about comfort at annual cycle and the SPLIT/Residential range.
- Basic courses for installers to present the main principles of installation, start-up, operation and maintenance.

ALL TECHNOLOGIES FOR A COMPLETE PROPOSAL



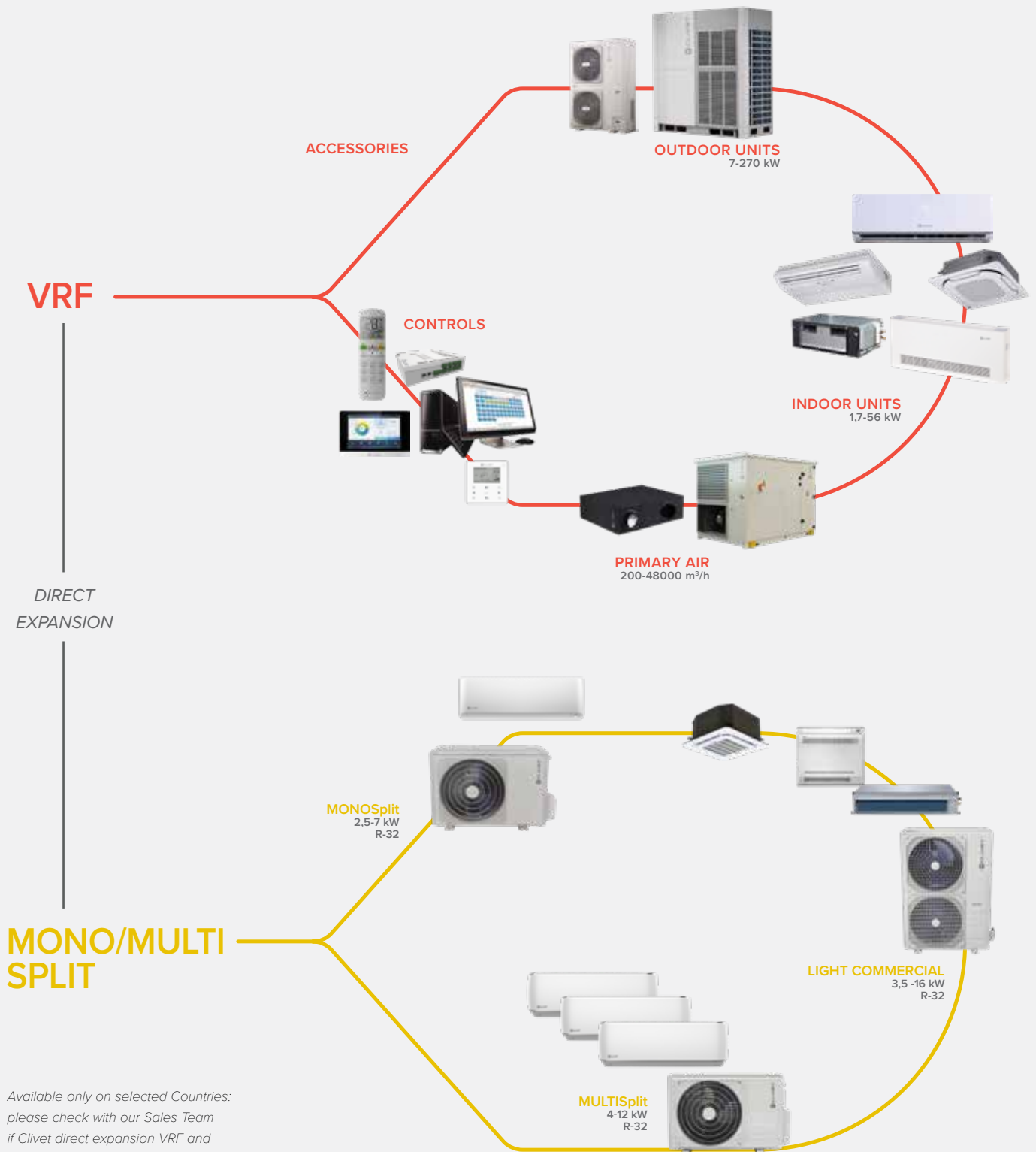
APPLIED

HYDRONIC



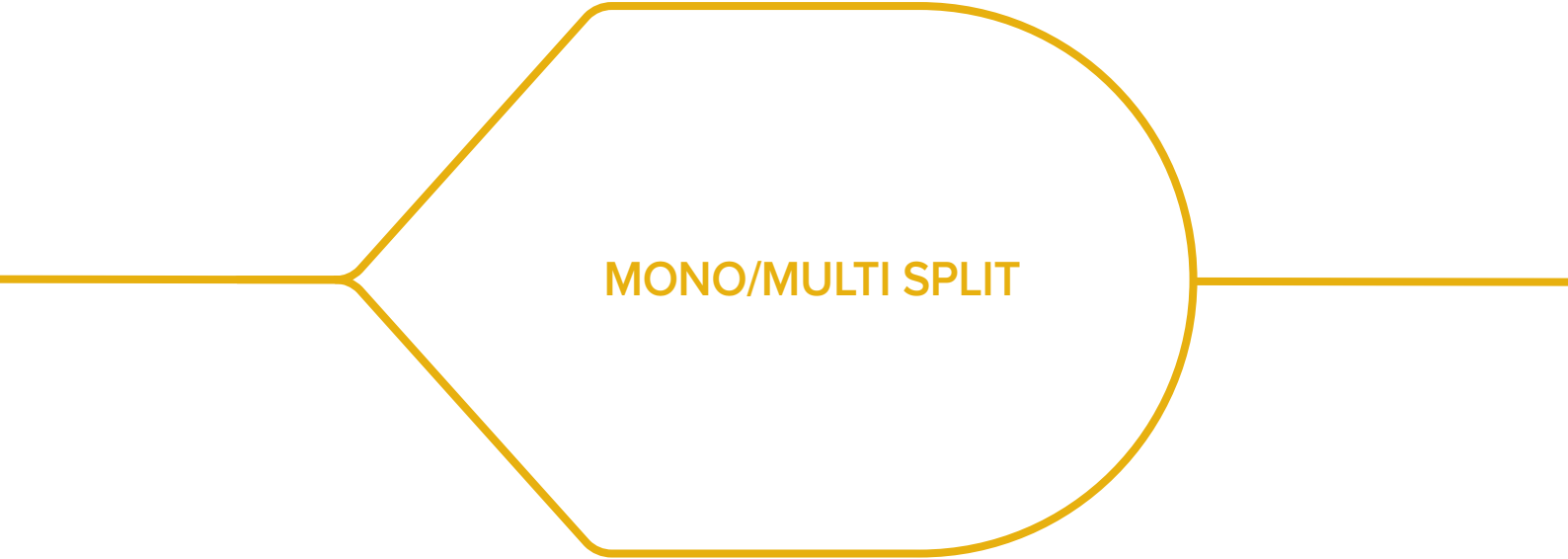
HOME

Heating, cooling, air renewal and
domestic hot water production



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





MONO/MULTI SPLIT

MONOSplit

DC Inverter

Name		Type	Series	Class	Size.	27M	35M	53M	70M
					Btu/h kW	9000 2.6	12000 3.5	18000 5.3	24000 7.0
STELVIO		Hiwall	S.IH1+MH1-Y	▶ A+++ ▶ A+++		●	●		
SCHIARA		Hiwall	S.IE1+ME1-Y/ S.IE1+MM1-Y	▶ A+++ ▶ A++		●	●	●	●
CRISTALLO		Hiwall	S.IM1+MM1-Y	▶ A++ ▶ A+		●	●	●	●

All units are supplied with standard remote control

MULTISplit

DC Inverter

Name		Type	Series	Size	20M	27M	35M	53M	70M	80M
				Btu/h kW	8000 2.0	9000 2.6	12000 3.5	18000 5.3	24000 7.0	27.000 8.0
INDOOR UNITS	SCHIARA-SM ad esaurimento	Hiwall	IE1-XY			●	●	●	●	
	CRISTALLO-SM	Hiwall	IM1-XY		●	●	●	●	●	
	BOX-SM 2	Cassette 650x650	IB2-XY			●	●	●		
	CONSOLE-SM 2	Console	IC2-XY			●	●	●		
	DUCT-SM 2	Ductable	ID2-XY			●	●	●		
	CEILING & FLOOR-SM 2	Ceiling/ Floor	IF2-XY					●		

All units are supplied with standard remote control
* it can only be connected to MU1-Y 105M

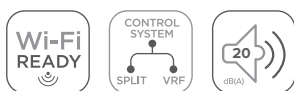
Name	Type	Series	Class	Connectable Indoor Units	41M	53M	61M	79M	82M	105M	125M
					14000 4,1	18000 5,3	21000 6,2	27000 7,9	28000 8,2	36000 10,6	42000 12,3
OUTDOOR UNITS		Outdoor Unit	MU1-Y	▶ A++ ▶ A+	●	●					
				▶ A++ ▶ A+			●	●			
				▶ A++ ▶ A					●	●	
				▶ A++ ▶ A							●
				▶ A++ ▶ A							

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

					Size.	35M	53M	70M	88M	105M 105T	120M	140T	160T
					Btu/h kW	12000 3,5	18000 5,3	24000 7,0	30000 8,8	36000 10,5	42000 12	48000 14,0	55000 16,1
Name		Type	Series	Class									
BOX-SL 2	 	Cassette 650x650	SB2+MC2-Y	 A++ 		SINGLE	SINGLE						
BOX-SL 2	 	Cassette 950x950	S.IA2+MC2-Y	 A++ 				SINGLE TWIN	SINGLE	SINGLE TWIN	SINGLE	SINGLE	SINGLE
CONSOLE-SL 2	 	Console	S.IC2+MC2-Y	 A++ 		SINGLE	SINGLE						
DUCT-SL 2	 	Ductable	S.ID2+MC2-Y	 A++ 		SINGLE	SINGLE	SINGLE TWIN	SINGLE	SINGLE TWIN	SINGLE	SINGLE	SINGLE
CEILING & FLOOR-SL 2	 	Ceiling/ Floor	S.IF2+MC2-Y	 A++ 			SINGLE	SINGLE TWIN	SINGLE	SINGLE TWIN	SINGLE	SINGLE	SINGLE
STANDING-SL 2	 	Tower	S.IS2+MC2-Y	 A++ 								SINGLE	

STELVIO 27M÷35M

MONOSplit



R-32

▶A+++
▶A+++



MONOSplit 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 **NEW**
- ✓ Extremely extended operating ranges (Heating $-30\div+30^{\circ}\text{C}$; Cooling $-25\div+50^{\circ}\text{C}$)
- ✓ Top-level seasonal efficiency
- ✓ Comfort in any situation thanks to the “Intelligent Eye” sensor

ULTRA-HIGH ENERGY EFFICIENCY

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



SCOP

SEER

5.3

9.2

EXTREMELY EXTENDED OPERATING RANGE



50°C

-30°C

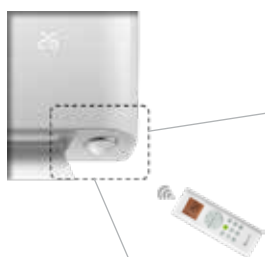


TECHNICAL ROOM AIR-CONDITIONING



The outdoor fan speed is controlled according to the condenser temperature and the system can run smoothly under the temperature as low as -25°C, maintaining optimum performance. This makes STELVIO also ideal for applications such as CED / SALE SERVER.

INTELLIGENT EYE SENSOR



Wind flow away from people

or



Wind flow follow people



When you are away for 30 minutes, automatically lowers the frequency

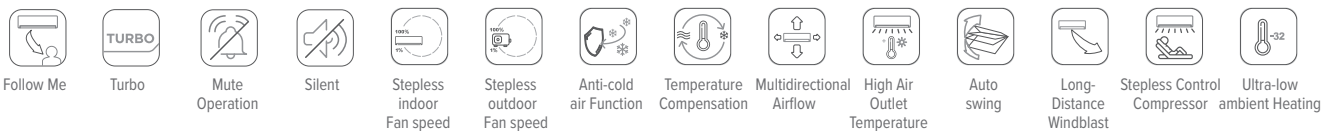


When you are away for 2 hours, automatically shuts down

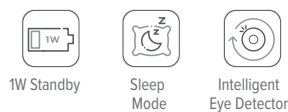


When you returns to the room, automatically turns on

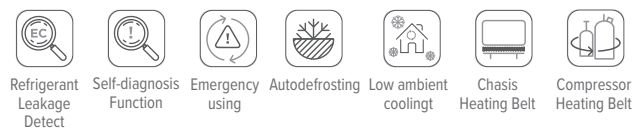
COMFORT



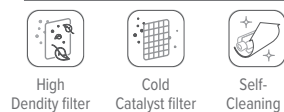
ENERGY SAVING



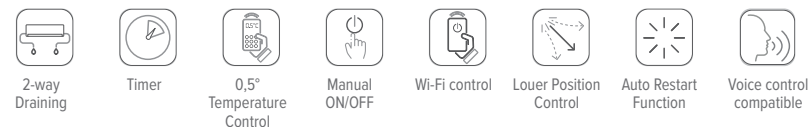
RELIABILITY



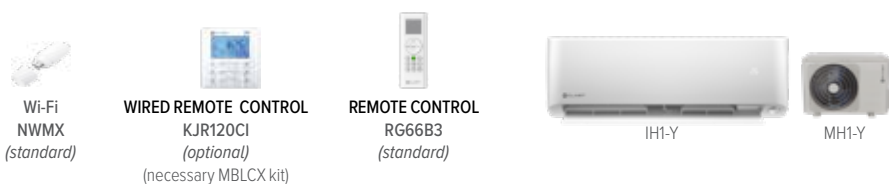
HEALTH



CONVENIENCE



OPTIONAL



technical data

Set		S.IH1-MH1-Y		27M	35M
Cooling capacity	Standard (Min.~Max.)	Btu/h		9.000 (3.400~14.200)	12.000 (3.500~16.400)
	Standard (Min.~Max.)	kW		2,6 (1~4,2)	3,5 (1~4,8)
Heating capacity	Standard (Min.~Max.)	Btu/h		14.000 (2.600~23.900)	14.500 (2.600~24.600)
	Standard (Min.~Max.)	kW		4,1 (0,8~7)	4,2 (0,8~7,2)
Standard power input	Cooling (Min.~Max.)	W		483 (87~1.955)	750 (102~1.955)
	Heating (Min.~Max.)	W		834 (104~1.955)	943 (104~2.625)
Rated current input	Cooling (Min.~Max.)	A		2,1 (0,4~8,5)	3,3 (0,4~8,5)
	Heating (Min.~Max.)	A		3,6 (0,45~8,5)	4,1 (0,45~11,4)
Seasonal efficiency ¹	Cooling	Energy efficiency class	-	A+++	A+++
		Design load (Pdesign)	kW	2,6	3,5
		SEER	-	9,20	9,00
	Heating	Annual energy consumption	kWh/a	99	136
		Energy efficiency class	-	A+++	A+++
		Design load (Pdesign)	kW	2,4	2,5
	Average season	SCOP	-	5,30	5,30
		Annual energy consumption	kWh/a	634	660
	Heating	Energy efficiency class	-	A+++	A+++
		SCOP	-	6,30	6,00
Standard efficiency	EER	-		5,38	4,67
	COP	-		4,92	4,45

Indoor unit		IH1-Y		27M	35M
		Configuration code		AAK1Q100-0001	AAK1Q200-0001
Dimensions	Unit	L x P x A	mm	895x248x298	895x248x298
	Packaging	L x P x A	mm	985x370x345	985x370x345
Weight	Unit/Packaging		kg	13 / 17,1	13 / 17,1
Air filter	Type		-	CCF	CCF
Airflow		TBo/SHi/Hi/Mid/Lo/SLo/Si	m ³ /h	565/500/430/380/285/220	590/530/450/380/310/230
Dehumidification capacity			l/h	1	1,2
Sound power level		Hi	dB(A)	58	59
Sound pressure level		Tbo/SHi/Hi/Mid/Lo/SLo/Si	dB(A)	45/38/33/29/26/23/20	45/40/37/34/31/28/21
Control systems	Infrared remote control		-	RG66A1	RG66A1
	Settable temperature		°C	17~30	17~30
Power supply	Voltage/Frequency/Phases		V/Hz/n°	230 / 50 / 1	230 / 50 / 1

Outdoor unit		MH1-Y		27M	35M
		Configuration code		AAMHQ100-0002	AAMHQ200-0002
Dimensions	Unit	L x P x A	mm	800x333x554	800x333x554
	Packaging	L x P x A	mm	920x390x615	920x390x615
Weight	Unit/Packaging		kg	36,4 / 39,7	36,4 / 39,7
Sound power level		Nominal	dB(A)	59	61
Sound pressure level		Nominal	dB(A)	57	57
Operating range	Cooling	Indoor T.	°C	16~32	16~32
		Outdoor T.	°CBS	-25~50	-25~50
	Heating	Indoor T.	°C	0~30	0~30
		Outdoor T.	°CBU	-30~30	-30~30
Refrigerante	Type/GWP		-	R-32 / 675	R-32 / 675
Power supply	Voltage/Frequency/Phases		V/Hz/n°	230 / 50 / 1	230 / 50 / 1
Current - 50Hz	Maximum fuse range (MFA)		A	20	20

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

CCF = Catalizzatore Freddo
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;

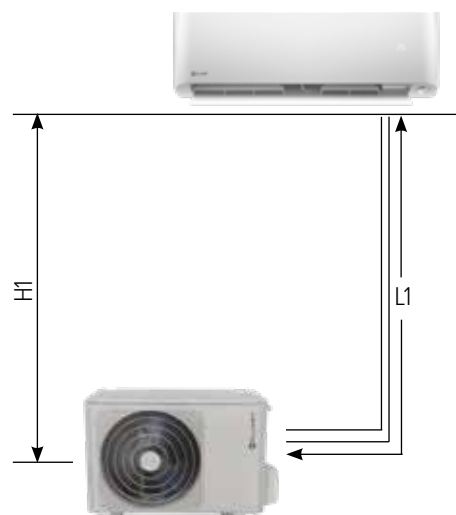
Heating: indoor air temperature 20°C DB/15°C WB; outdoor air temperature 7°C DB/6°C WB.

Data declared according to UE 626/2011 delegated regulation

refrigerant piping and connections

Set

			27M	35M
Max equivalent length	L1	m	25	25
Max difference in level ODU / IDU	H1	m	±10	±10
Refrigerant precharge		kg / m	0,87 / 5	0,87 / 5
		CO ₂ tons	0,59	0,59
Additional refrigerant charge		g/m	12	12
External diameters	Liquid	mm / inch	Φ6,35 - 1/4"	Φ6,35 - 1/4"
	Gas	mm / inch	Φ9,52 - 3/8"	Φ9,52 - 3/8"



MONOSplit

electrical connections

Set

			27M	35M
ODU	Power supply	V/Hz/n°	230 / 50 / 1	230 / 50 / 1
	Signal	no. of cables / section	2 x 1,5mm ² + G	2 x 1,5mm ² + G
IDU	Power supply	V/Hz/n°	from ODU	from ODU
	Signal	no. of cables / section	2 x 1,5mm ² + G	2 x 1,5mm ² + G

accessories

Standard

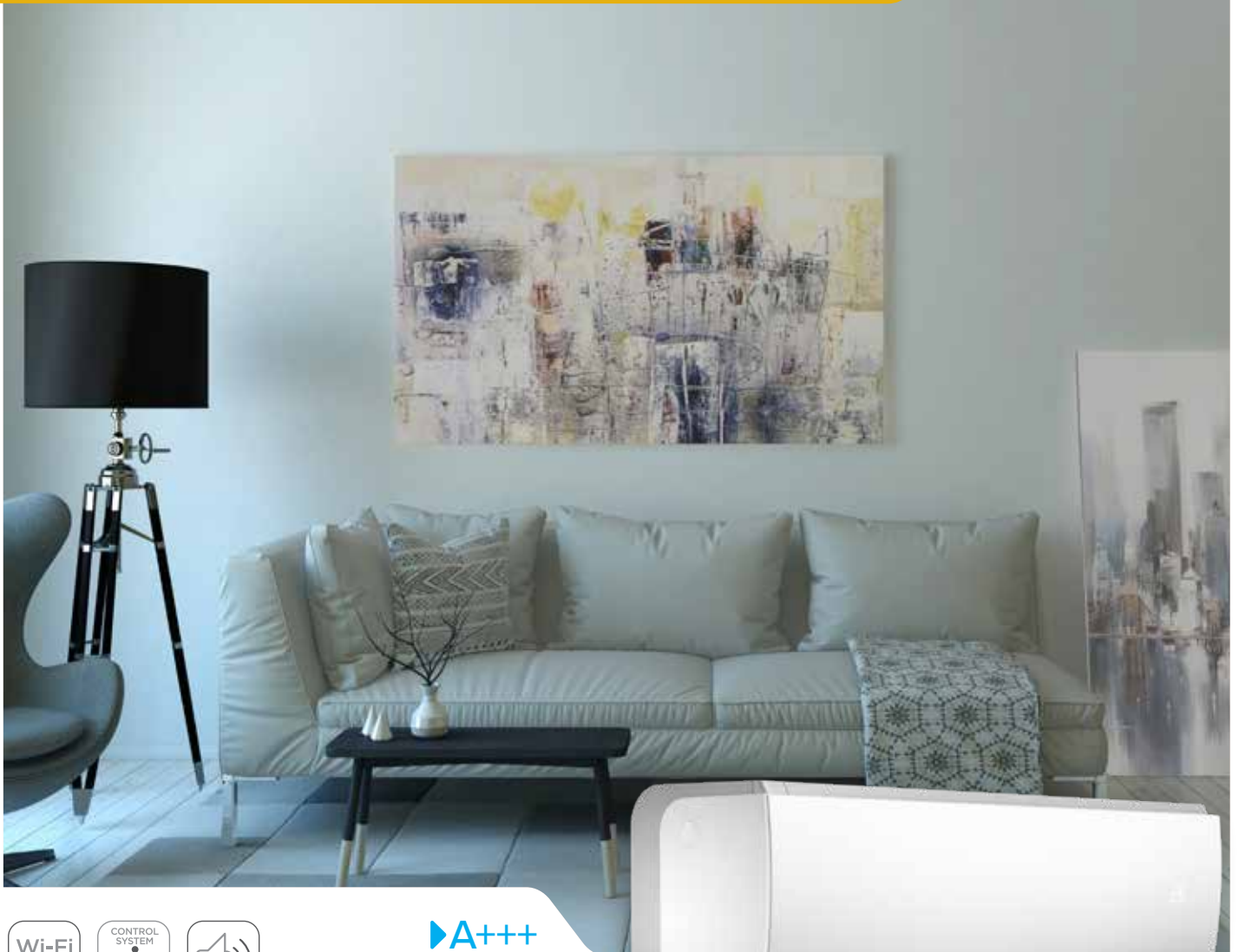
- RG66B3** Infrared remote control for STELVIO indoor units
- NWMX** Wi-Fi kit for indoor units

Optional

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

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

Control System (learn more at Control System page)



▶A+++
▶A++

R-32



MONOSplit with hiwall indoor unit

WHY CHOOSE SCHIARA?

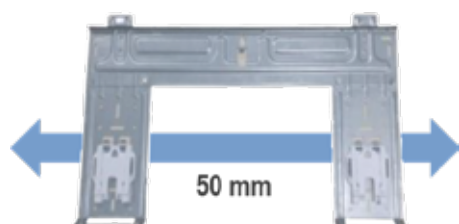
- ✓ Smart management as standard: via smartphone with the NetHome Plus app and voice control setup with Amazon Alexa **NEW**
- ✓ Built-in ioniser filter: purifies the air and eliminates bad odours
- ✓ Designed to save time: easy installation and maintenance
- ✓ MonoSplit/MultiSplit compatible

COMPATIBLE MONOSPLIT / MULTISPLIT

SCHIARA can be connected both in MONOSplit and in MULTISplit, which is convenient for having a single stock that can cover different solutions.



EASY INSTALLATION: TIME -20%



DEFINE THE IDU POSITION



CONNECT PIPES



PCB EASILY REMOVABLE

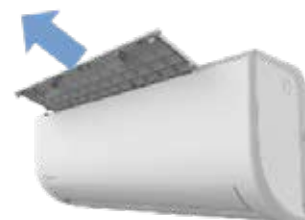
EASY MAINTENANCE: TIME -50%



REMOVABLE PANEL



FAN MOTOR DISASSEMBLY



FILTER REMOVAL EASIER

IONISER FILTER

Particularly important for allergy sufferers:



ODOURS

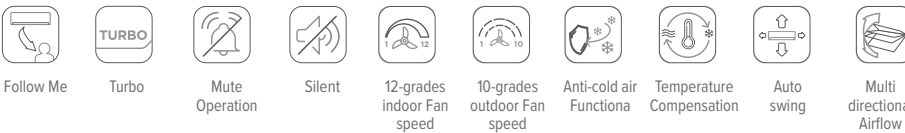


POLLEN



DUST

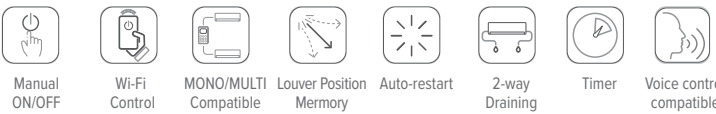
COMFORT



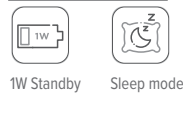
RELIABILITY



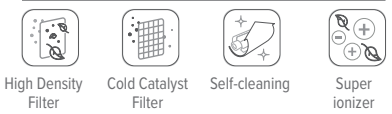
CONVENIENCE



ENERGY SAVING



HEALTH



OPTIONAL



technical data

Set		S.IE1-ME1-Y (27M/35M) IE1-MM1-Y (53M/70M)		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 (6.700~21.200)	25.000 (10.400~28.800)
	Standard (Min.~Max.)	kW		2,6 (1~3,2)	3,5 (1,4~4,3)	5,3 (2~6,2)	7,3 (3~8,4)
Heating capacity	Standard (Min.~Max.)	Btu/h		10.000 (2.800~11.500)	13.000 (3.640~14.950)	19.000 (4.400~23.800)	26.000 (7.100~32.200)
	Standard (Min.~Max.)	kW		2,9 (0,8~3,4)	3,8 (1,1~4,4)	5,6 (1,3~7)	7,6 (2,1~9,4)
Standard power input	Cooling (Min.~Max.)	W		654 (90~1.140)	963 (130~1.650)	1.500 (150~2.220)	2.260 (230~3.010)
	Heating (Min.~Max.)	W		640 (110~1.080)	930 (160~1.560)	1.390 (220~2.330)	2.055 (330~3.150)
Rated current input	Cooling (Min.~Max.)	A		2,84 (0,4~4,9)	4,18 (0,56~7,17)	6,5 (0,7~9,7)	9,8 (1,0~13,1)
	Heating (Min.~Max.)	A		2,80 (0,48~4,7)	4,04 (0,70~6,78)	6,0 (1,0~10,1)	9,1 (1,4~13,7)
Seasonal efficiency ¹	Cooling	Energy efficiency class	-	A+++	A++	A++	A++
		Design load (Pdesign)	kW	2,4	3,5	5,3	7,2
		SEER	-	8,50	7,50	6,70	6,40
		Annual energy consumption	kWh/a	99	163	277	394
	Heating	Energy efficiency class	-	A++	A++	A+	A+
		Design load (Pdesign)	kW	2,4	2,3	4,0	5,5
		SCOP	-	4,60	4,60	4,00	4,00
		Annual energy consumption	kWh/a	727	700	1.400	1.925
	Average season	Energy efficiency class	-	A+++	A+++	A+++	A+++
		SCOP	-	5,10	5,20	5,10	5,10
Standard efficiency	EER	-		3,98	3,63	3,53	3,23
	COP	-		4,53	4,09	4,03	3,71

Indoor unit		IE1-XY		27M	35M	53M	70M
		Configuration code		AAIEQ100-0001	AAIEQ200-0001	AAIEQ400-0001	AAIEQ600-0001
Dimensions	Unit	L x P x A	mm	805x193x302	805x193x302	964x222x325	1.106x232x342
	Packaging	L x P x A	mm	875x285x375	875x285x375	1.045x405x305	1.195x420x315
Weight	Unit/Packaging		kg	8,3 / 10,9	8,3 / 11	10,8 / 14,3	14,3 / 18,2
Air filter	Type		-	CCF	CCF	CCF	CCF
Airflow		TBo/SHi/Hi/Mid/Lo/SLo/Si	m ³ /h	550/483/357	550/483/357	810/720/550	1.050/970/650
Dehumidification capacity			l/h	1	1,2	1,8	2,7
Sound power level		Hi	dB(A)	53	53	57	59
Sound pressure level		Tbo/SHi/Hi/Mid/Lo/SLo/Si	dB(A)	39/35/25/22	41/36/27/22	45/41/33/24	46/44/35/27
Control systems	Infrared remote control		-	RG66A	RG66A	RG66A	RG66A
	Settable temperature		°C	17~30	17~30	17~30	17~30
Power supply	Voltage/Frequency/Phases		V/Hz/n°	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1

Outdoor unit		ME1-Y (27M/35M) MM1-Y (53M/70M)		27M	35M	53M	70M
		Configuration code		AAMEQ100-0002	AAMEQ200-0002	AAMMQ400-0002	AAMMQ600-0002
Dimensions	Unit	L x P x A	mm	800x333x554	800x333x554	800x333x554	845x363x702
	Packaging	L x P x A	mm	920x390x635	920x390x635	920x390x635	965x395x765
Weight	Unit/Packaging		kg	29,6 / 32,3	29,6 / 32,4	37 / 39,9	48 / 51,3
Sound power level		Nominal	dB(A)	55	60	62	65
Sound pressure level		Nominal	dB(A)	56	56	57	59
Operating range	Cooling	Indoor T.	°C	17~32	17~32	17~32	17~32
		Outdoor T.	°C BS	-15~50	-15~50	-15~50	-15~50
	Heating	Indoor T.	°C	0~30	0~30	0~30	0~30
		Outdoor T.	°C BU	-25~30	-25~30	-20~30	-20~30
Refrigerante	Type/GWP		-	R-32 / 675	R-32 / 675	R-32 / 675	R-32 / 675
Power supply	Voltage/Frequency/Phases		V/Hz/n°	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1
Current - 50Hz	Maximum fuse range (MFA)		A	20	20	20	30

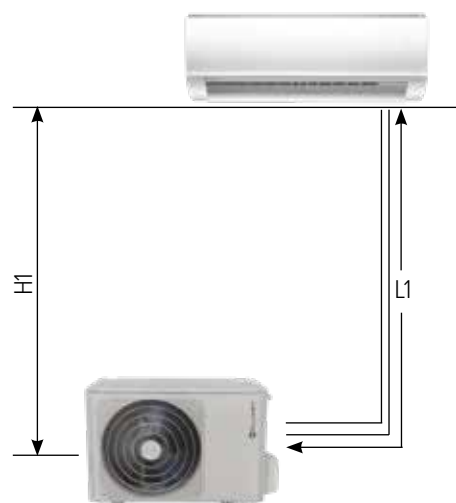
¹ SEER and SCOP data, relative energy ratings and annual energy consumption in conformity to the EN 14825 standard measurement.

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

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

refrigerant piping and connections

Set			27M	35M	53M	70M
Max equivalent length	L1	m	25	25	30	50
Max difference in level ODU / IDU	H1	m	±10	±10	±20	±25
Refrigerant precharge		kg / m	0,65 / 5	0,65 / 5	1,25 / 5	1,6 / 5
		CO ₂ tons	0,44	0,44	0,84	1,08
Additional refrigerant charge		g/m	12	12	12	24
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"



MONOSplit

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 / section	2 x 1,5mm ² + G	2 x 1,5mm ² + G	2 x 1,5mm ² + G	2 x 2,5mm ² + G
IDU	Signal	no. of cables / section	2 x 1,5mm ²	2 x 1,5mm ²	2 x 1,5mm ²	2 x 2,5mm ²
		V/Hz/n°	from ODU	from ODU	from ODU	from ODU
IDU	Power supply	no. of cables / section	2 x 1,5mm ² + G	2 x 1,5mm ² + G	2 x 1,5mm ² + G	2 x 2,5mm ² + G
	Signal	no. of cables / section	2 x 1,5mm ²	2 x 1,5mm ²	2 x 1,5mm ²	2 x 2,5mm ²

accessories

Standard

- RG66A** Standard Wireless remote controller for SCHIARA indoor units
- NWMX** Wi-Fi kit for indoor units

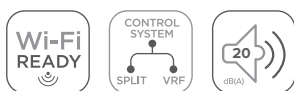
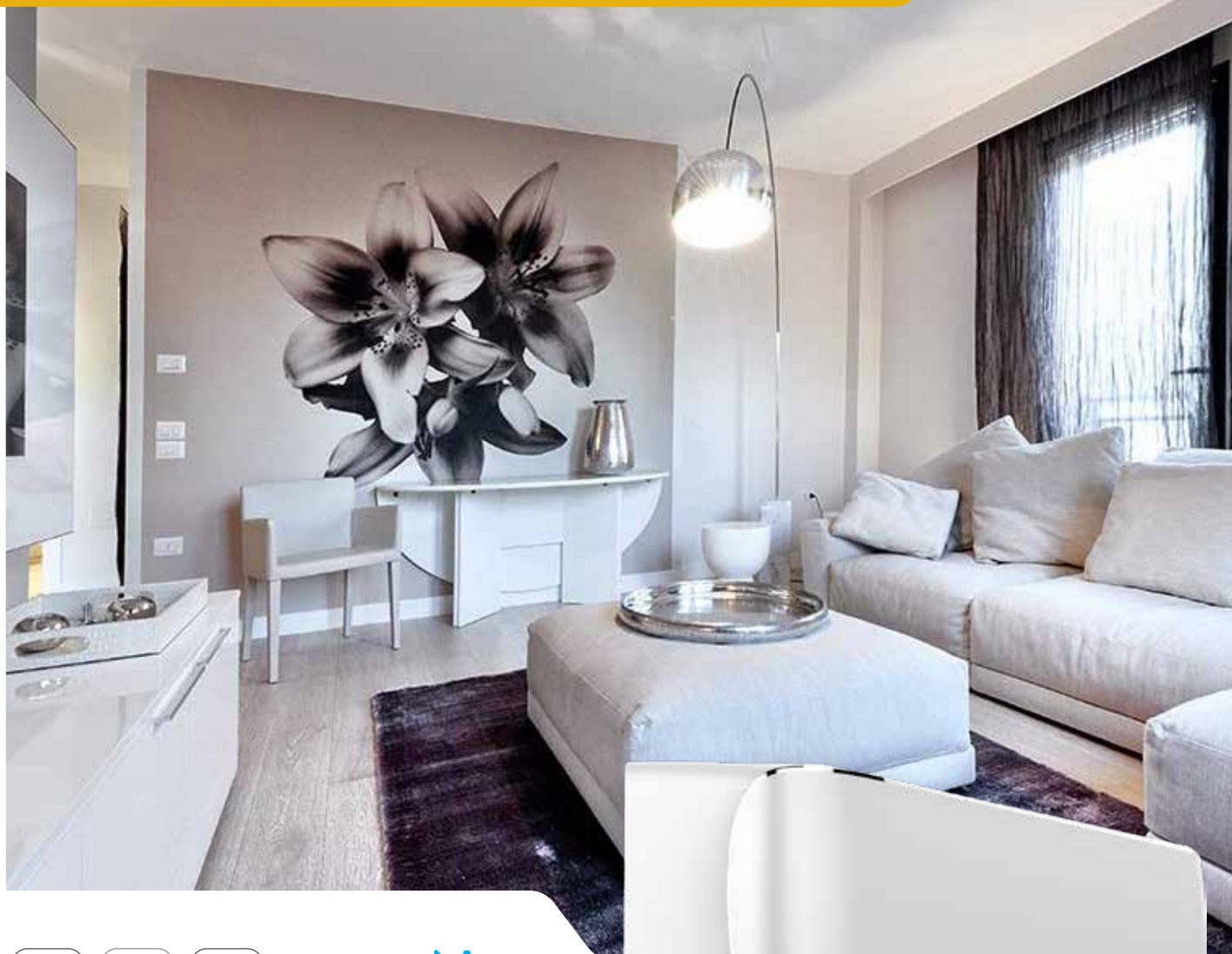
Optional

- MK1X** Multifunction board that makes indoor unit available for Remote ON / OFF, alarm 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 (learn more at Control System page)

CRISTALLO 27M÷70M

MONOSplit



R-32

▶A++
▶A+



MONOSplit 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 **NEW**
- ✓ Clean, rounded and elegant design
- ✓ MonoSplit/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 slats both horizontally and vertically.



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



MONOSplit

FOLLOW-ME FUNCTION

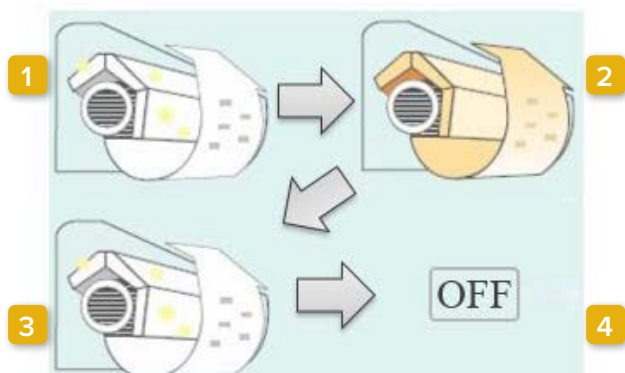
The system gives priority to the temperature sensor in the remote control and adjusts itself accordingly.



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

AUTO-CLEANING FUNCTION

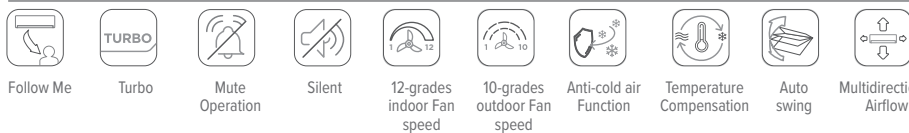
Dries and cleans the indoor unit's exchanger, prevents the emission of bad odours into the environment.



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



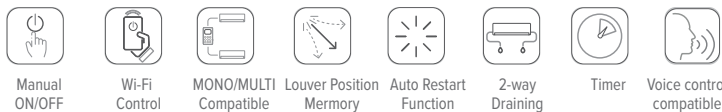
COMFORT



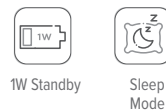
RELIABILITY



CONVENIENCE



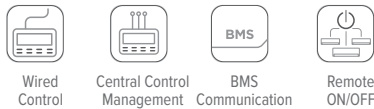
ENERGY SAVING



HEALTH



OPTIONAL



technical data

Set		S.IM1+MM1-Y		27M	35M	53M	70M
Cooling capacity	Standard (Min.~Max.)	Btu/h	kW	9.000 (3.500~10.900)	12.000 (2.800~14.200)	18.000 (6.300~21.200)	25.000 (8.800~28.800)
	Standard (Min.~Max.)			2,6 (1~3,2)	3,5 (0,8~4,2)	5,3 (1,8~6,2)	7,3 (2,6~8,4)
Heating capacity	Standard (Min.~Max.)	Btu/h	kW	9.500 (3.000~12.500)	13.000 (2.900~16.300)	19.000 (4.700~23.200)	26.000 (5.200~32.200)
	Standard (Min.~Max.)			2,8 (0,9~3,7)	3,8 (0,8~4,8)	5,6 (1,5~6,8)	7,6 (1,5~9,4)
Standard power input	Cooling (Min.~Max.)	W	W	703 (70~1.230)	1.089 (50~1.600)	1.538 (120~2.390)	2.268 (230~3.350)
	Heating (Min.~Max.)			671 (140~1.310)	1.020 (130~1.710)	1.461 (190~2.490)	2.055 (230~3.370)
Rated current input	Cooling (Min.~Max.)	A	A	3,05 (0,3~5,3)	4,74 (0,2~6,9)	6,68 (0,5~10,4)	10,40 (1,0~14,1)
	Heating (Min.~Max.)			2,93 (0,6~5,7)	4,47 (0,6~7,4)	6,35 (0,8~10,8)	9,46 (1,4~14,4)
Seasonal efficiency ¹	Cooling	Energy efficiency class	-	A++	A++	A++	A++
		Design load (Pdesign)	kW	2,6	3,5	5,3	7,2
		SEER	-	7,10	7,00	6,40	6,40
		Annual energy consumption	kWh/a	128	175	290	394
	Heating	Energy efficiency class	-	A+	A+	A+	A+
		Design load (Pdesign)	kW	2,6	2,7	3,9	5,1
		SCOP	-	4,00	4,10	4,00	4,00
		Annual energy consumption	kWh/a	910	922	1.365	1.785
	Average season	Energy efficiency class	-	A+++	A+++	A+++	A+++
		SCOP	-	5,20	5,10	5,10	5,10
Standard efficiency	EER	-	-	3,75	3,23	3,45	3,23
	COP	-	-	4,15	3,73	3,83	3,71

Indoor unit		IM1-XY		27M	35M	53M	70M
		Configuration code		AAP3Q100-0001	AAP3Q200-0001	AAP3Q400-0001	AAP3Q600-0001
Dimensions	Unit	L x P x A	mm	722x187x290	802x189x297	965x215x319	1.080x226x335
	Packaging	L x P x A	mm	790x270x370	875x285x375	1.045x305x410	1.155x415x320
Weight	Unit/Packaging		kg	7,4 / 9,6	8,2 / 10,7	9 / 12,2	12,9 / 16,5
Air filter	Type		-	CCF	CCF	CCF	CCF
Airflow		TBo/SHi/Hi/Mid/Lo/SLo/Si	m ³ /h	521/429/259	515/459/294	750/501/417	1020/830/640
Dehumidification capacity			l/h	1	1,2	1,8	2,7
Sound power level		Hi	dB(A)	54	56	58	62
Sound pressure level		Tbo/SHi/Hi/Mid/Lo/SLo/Si	dB(A)	37/33/22/20	38/32/22/21	41/33/28/20	46/40/30/26
Control systems	Infrared remote control		-	RG66A1	RG66A1	RG66A1	RG66A1
	Settable temperature		°C	17~30	17~30	17~30	17~30
Power supply	Voltage/Frequency/Phases		V/Hz/n°	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1

Outdoor unit		MM1-Y		27M	35M	53M	70M
		Configuration code		AAMMQ100-0003	AAMMQ200-0002	AAMMQ400-0002	AAMMQ600-0002
Dimensions	Unit	L x P x A	mm	770x300x555	770x300x555	800x333x554	845x363x702
	Packaging	L x P x A	mm	900x345x585	900x345x595	920x390x625	965x395x775
Weight	Unit/Packaging		kg	26,4 / 28,9	27 / 29,4	37 / 39,9	50 / 53,1
Sound power level		Nominal	dB(A)	59	60	64	66
Sound pressure level		Nominal	dB(A)	55	56	57	62
Operating range	Cooling	Indoor T.	°C	17~32	17~32	17~32	17~32
		Outdoor T.	°C BS	-15~50	-15~50	-15~50	-15~50
	Heating	Indoor T.	°C	0~30	0~30	0~30	0~30
		Outdoor T.	°C BU	-20~30	-20~30	-20~30	-20~30
Refrigerante	Type/GWP		-	R-32 / 675	R-32 / 675	R-32 / 675	R-32 / 675
Power supply	Voltage/Frequency/Phases		V/Hz/n°	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1
Current - 50Hz	Maximum fuse range (MFA)		A	20	20	20	30

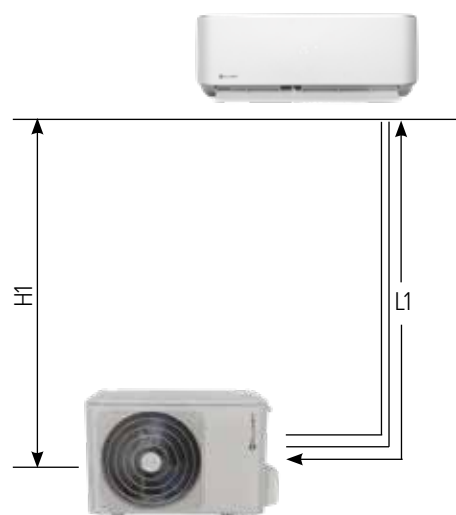
¹SEER and SCOP data, relative energy ratings and annual energy consumption in conformity to the EN 14825 standard measurement.

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	L1	m	25	25	30	50
Max difference in level ODU / IDU	H1	m	±10	±10	±20	±25
		kg / m	0,7 / 5	0,8 / 5	1,25 / 5	1,6 / 5
Refrigerant precharge		CO ₂ tons	0,47	0,54	0,84	1,08
Additional refrigerant charge		g/m	12	12	12	24
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"



MONOSplit

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 / section	2 x 2,5mm ² + G	2 x 2,5mm ² + G	2 x 2,5mm ² + G	2 x 2,5mm ² + G
IDU	Signal	no. of cables / section	2 x 1,5mm ²	2 x 1,5mm ²	2 x 1,5mm ²	2 x 2,5mm ²
			from ODU	from ODU	from ODU	from ODU
IDU	Power supply	V/Hz/n°				
		no. of cables / section	2 x 1,5mm ² + G	2 x 1,5mm ² + G	2 x 1,5mm ² + G	2 x 2,5mm ² + G
IDU	Signal	no. of cables / section	2 x 1,5mm ²	2 x 1,5mm ²	2 x 1,5mm ²	2 x 2,5mm ²

accessories

Standard

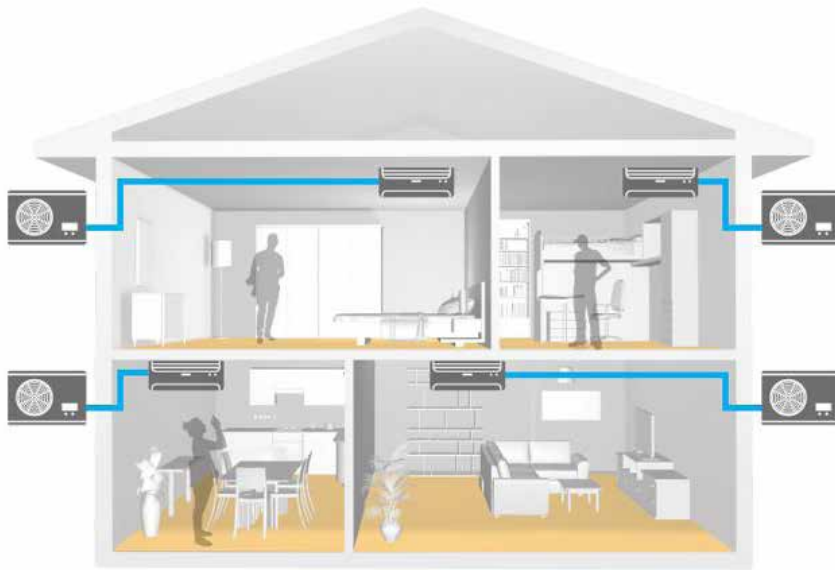
- RG66A1** Infrared remote control for indoor units
- NWMX** Wi-Fi kit for indoor units

Optional

- MKSSX** Multifunction board that makes 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)

MULTISplit

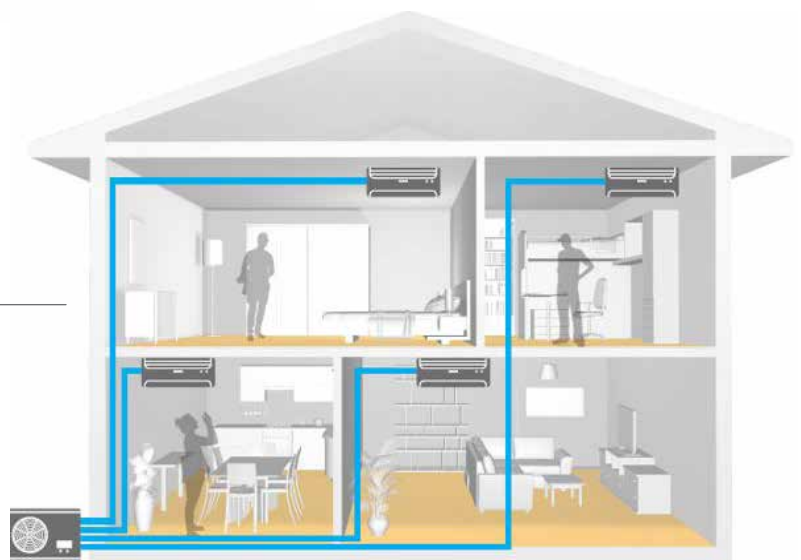


MONOSplit

One outdoor unit for each environment to be conditioned

MULTISplit

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



OUTDOOR/INDOOR UNIT COMBINATION

OUTDOOR UNIT	ENERGY CLASS¹	HIWALL INDOOR UNITS										COMPACT 4 VAY CASSETTE INDOOR UNITS			CONSOLE INDOOR UNITS			DUCT INDOOR UNITS			CEILING/FLOOR INDOOR UNITS.
Outdoor Unit	Cooling/ Heating.	SCHIARA-SM					CRISTALLO-SM					BOX-SM 2			CONSOLE-SM 2			DUCT-SM 2			C&F-SM 2
		IE1-XY				IM1-XY						IB2-XY			IC2-XY			ID2-XY			IF2-XY
		27M	35M	53M	70M	20M	27M	35M	53M	70M	27M	35M	53M	27M	35M	53M	27M	35M	53M	53M	
MU1-Y 41M	A++/A+	●	●	●	-	●	●	●	●	-	●	●	●	●	●	●	●	●	●	●	
MU1-Y 53M	A++/A+	●	●	●	-	●	●	●	●	-	●	●	●	●	●	●	●	●	●	●	
MU1-Y 61M	A++/A+	●	●	●	-	●	●	●	●	-	●	●	●	●	●	●	●	●	●	●	
MU1-Y 79M	A++/A+	●	●	●	-	●	●	●	●	-	●	●	●	●	●	●	●	●	●	●	
MU1-Y 82M	A++/A+	●	●	●	-	●	●	●	●	-	●	●	●	●	●	●	●	●	●	●	
MU1-Y 105M	A++/A	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
MU1-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-SM 41M÷125M



MULTISplit

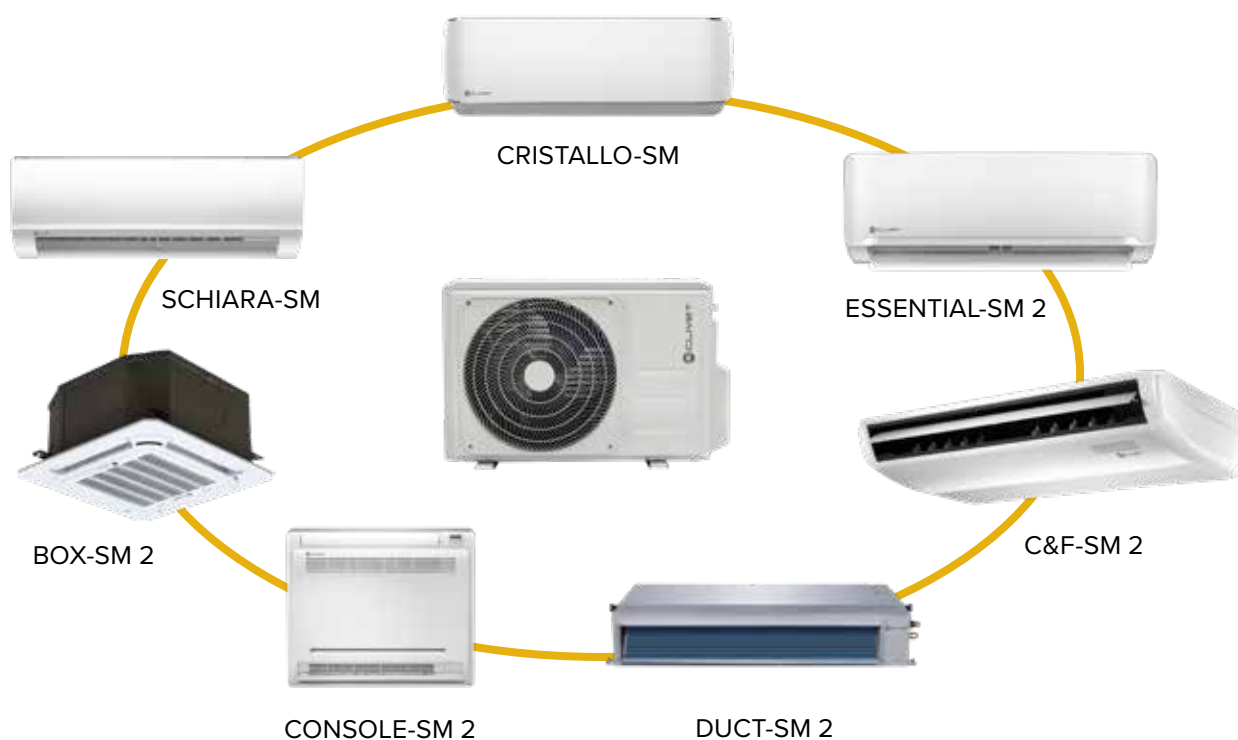
R-32 ▶A++
▶A+

Outdoor unit for MULTISplit systems

WHY CHOOSE OUTDOOR UNIT-SM R-32?

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

INCREASED INDOOR UNIT RANGE

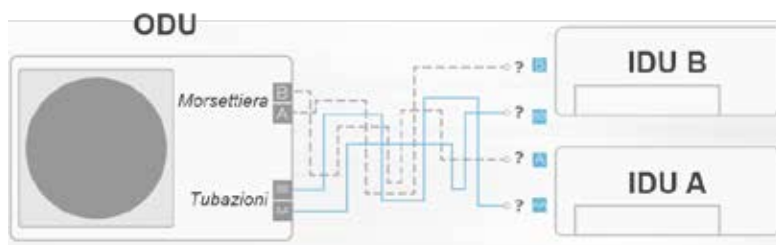


MULTISplit

AUTOMATIC CORRECTION FUNCTION OF PIPING/WIRING ERRORS

The unit reassigns the communication, correcting any wiring errors.

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



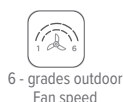
EVEN ONLY ONE COLLECTABLE IDU

Possibility of including other indoor units after first installation.



COMFORT

CONVENIENCE



technical data

OUTDOOR UNIT			MU1-Y	41M	53M	61M	79M	82M	105M	125M
Configuration code			AAMVQ300-0003	AAMVQ400-0005	AAMVQ500-0003	AAMVQ700-0004	AAMVQ800-0002	AAMVP100-0003	AAMVR200-0003	
Indoor units connectable			Min~Max	1*2 (DUAL)	1*2 (DUAL)	1*3 (TRIPLE)	1*3 (TRIPLE)	1*4 (QUADRI)	1*4 (QUADRI)	1*5 (PENTA)
Cooling capacity	Standard ¹ (Min~Max)	Btu/h		14.000 (4.900~16.400)	18.000 (7.000~23.400)	21.000 (6.600~23.300)	27.000 (9.900~29.000)	28.000 (10.500~34.000)	36.000 (7.000~36.000)	42.000 (7.000~48.300)
	Standard ¹ (Min~Max)	kW		4,1 (1,44~4,81)	5,3 (2,05~6,86)	6,2 (1,93~6,83)	7,9 (2,9~8,5)	8,2 (3,04~9,93)	10,5 (2,05~10,55)	12,3 (2,05~14,15)
Heating capacity	Standard ² (Min~Max)	Btu/h		15.000 (5.000~23.400)	19.000 (8.000~24.700)	22.500 (5.000~23.400)	30.000 (8.000~36.000)	30.000 (11.000~36.500)	37.000 (8.000~38.000)	42.000 (8.000~50.400)
	Standard ² (Min~Max)	kW		4,4 (1,47~6,86)	5,6 (2,34~7,24)	6,6 (1,47~6,86)	8,8 (2,34~10,55)	8,8 (3,26~10,65)	10,8 (2,34~11,13)	12,3 (2,34~14,77)
Dimensions	Unit	L x P x A	mm	800x333x554	800x333x554	845x363x702	845x363x702	946x410x810	946x410x810	946x410x810
	Packaging	L x P x A	mm	920x390x615	920x390x615	965x395x775	965x395x775	1.090x500x875	1.090x500x875	1.090x500x875
Weight	Unit / Packaging	kg		31,6 / 34,7	35,5 / 38,5	46,8 / 51,1	51,1 / 55,8	62,1 / 67,7	68,8 / 75,6	73,3 / 80,4
Sound power level	Standard	dB(A)		64	65	66	67	69	70	69
Sound pressure level	Standard	dB(A)		57	56	57,5	59	61	62	64
Operating range	Cooling	Outdoor T.	°CBS	-15~50	-15~50	-15~50	-15~50	-15~50	-15~50	-15~50
	Heating	Outdoor T.	°CBU	-15~24	-15~24	-15~24	-15~24	-15~24	-15~24	-15~24
Refrigerant	Tipo/GWP	-		R-32 / 675	R-32 / 675	R-32 / 675	R-32 / 675	R-32 / 675	R-32 / 675	R-32 / 675
Power supply	Voltage/Frequency/Phases	V/Hz/n°		230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1
Current - 50Hz	Maximum fuse capacity (MFA)	A		20	20	30	30	30	30	30

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

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

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

Test conditions:
according to EN14511 / EN12102

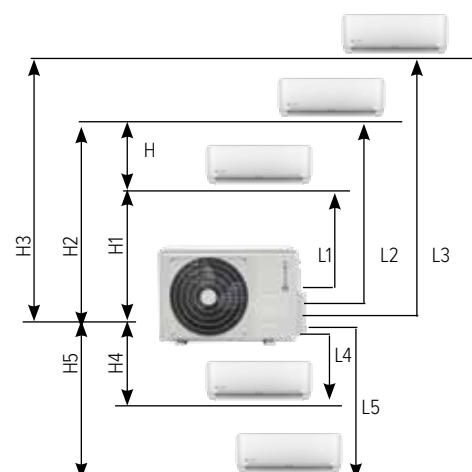
Cooling: indoor air temperature 27°C DB/19°C WB; outdoor air temperature 35°C DB/24°C WB;
Heating: indoor air temperature 20°C DB/15°C WB; outdoor air temperature 7°C DB/6°C WB.

Data declared according to UE 626/2011 delegated regulation

refrigerant piping and connections

Outdoor unit			41M	53M	61M	79M	82M	105M	125M
Max equivalent length (Total)	L1+L2+L3+L4+L5	m	40	40	60	60	80	80	80
Max equivalent length (Each branch)	L1/L2/L3/L4/L5	m	25	25	30	30	35	35	35
Max difference in level ODU / IDU	H1/H2/H3/H4/H5	m	±15	±15	±15	±15	±15	±15	±15
Max difference in level IDU / ODU	H	m	10	10	10	10	10	10	10
Refrigerant precharge	kg / m		1,1 / (2 x 7,5)	1,3 / (2 x 7,5)	1,4 / (3 x 7,5)	1,57 / (3 x 7,5)	2,1 / (4 x 7,5)	2,1 / (4 x 7,5)	2,4 / (5 x 7,5)
	CO ₂ tons		0,74	0,84	0,95	1,06	1,42	1,42	1,62
Additional refrigerant charge	g/m		12	12	12	12	12	12	12
	Liquid	mm / inch	2 x (Φ6,35 - 1/4")	2 x (Φ6,35 - 1/4")	3 x (Φ6,35 - 1/4")	3 x (Φ6,35 - 1/4")	4 x (Φ6,35 - 1/4")	4 x (Φ6,35 - 1/4")	5 x (Φ6,35 - 1/4")
External diameters (ODU)	Gas	mm / inch	2 x (Φ9,52 - 3/8")	2 x (Φ9,52 - 3/8")	3 x (Φ9,52 - 3/8")	3 x (Φ9,52 - 3/8")	3 x (Φ9,52 - 3/8") + 1 x (Φ12,7 - 1/2")	3 x (Φ9,52 - 3/8") + 1 x (Φ12,7 - 1/2")	4 x (Φ9,52 - 3/8") + 1 x (Φ12,7 - 1/2")

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



electrical connections

Set			41M	53M	61M	79M	82M	105M	125M
ODU	Power supply	V/Hz/n°	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1
	Signal (for each IDU)	no. of cables / section	2 x 1mm ² + G	2 x 1mm ² + G	2 x 1,5mm ² + G	2 x 1,5mm ² + G	2 x 1,5mm ² + G	2 x 2,5mm ² + G	2 x 2,5mm ² + G
IDU	Power supply	V/Hz/n°	from ODU	from ODU	from ODU	from ODU	from ODU	from ODU	from ODU
	Signal	no. of cables / section	2 x 1mm ² + G	2 x 1mm ² + G	2 x 1mm ² + G	2 x 1mm ² + G	2 x 1mm ² + G	2 x 1mm ² + G	2 x 1mm ² + G

SCHIARA-SM 27M÷70M

MULTISplit



Hiwall indoor unit for MULTISplit systems

WHY CHOOSE SCHIARA-SM?

- ✓ Smart management as standard: via smartphone with the NetHome Plus app and voice control setup with Amazon Alexa **NEW**
- ✓ Built-in ioniser filter: purifies the air and eliminates bad odours
- ✓ Designed to save time: easy installation and maintenance
- ✓ MonoSplit/MultiSplit compatible

EASY INSTALLATION: TIME -20%



EASY MAINTAINANCE TIME -50%



EASY CLEANING: TIME -50%

Particularly important for allergy sufferers:



ODOURS



POLLEN

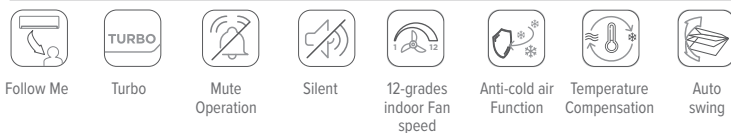


DUST

COMPATIBLE MONO / MULTISPLIT



COMFORT



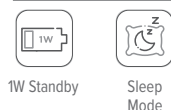
RELIABILITY



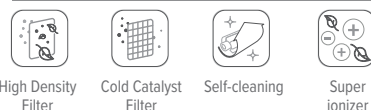
CONVENIENCE



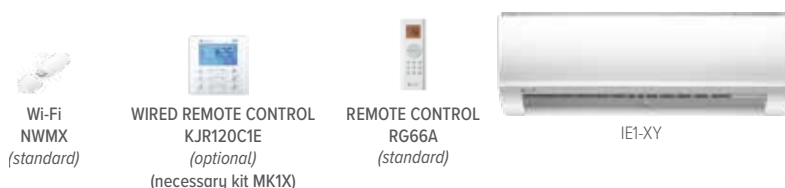
ENERGY SAVING



HEALTH



OPTIONAL



technical data

Indoor unit				IE1-XY	27M	35M	53M	70M
				Configuration code	AAIEQ100-0001	AAIEQ200-0001	AAIEQ400-0001	AAIEQ600-0001
Cooling capacity	Standard			Btu/h	9.000	12.000	18.000	25.000
				kW	2,6	3,5	5,3	7,3
Heating capacity	Standard			Btu/h	10.000	14.000	19.000	26.000
				kW	2,9	4,1	5,6	7,6
Dimensioni	Unit	L x D x H		mm	805x193x302	805x193x302	964x222x325	1.106x232x342
	Packaging	L x D x H		mm	875x285x375	875x285x375	1.045x405x305	1.195x420x315
Weight	Unit/Packaging			kg	8,3 / 10,9	8,3 / 11	10,8 / 14,3	14,3 / 18,2
Air filter	Type			-	CCF	CCF	CCF	CCF
Airflow		Hi/Mid/Lo		m³/h	550/483/357	550/483/357	810/720/550	1.050/970/650
Sound power level		Hi		dB(A)	53	53	56	61
Sound pressure level		Hi/Mid/Lo/Si		dB(A)	39/35/25/22	41/36/27/22	45/41/33/24	46/44/35/27
Operating range	Cooling	Indoor T.		°C	17~32	17~32	17~32	17~32
	Heating	Outdoor T.		°C	0~30	0~30	0~30	0~30
Refrigerant piping	External diameters	Liquid-Gas		mm	Φ6,35 - Φ9,52	Φ6,35 - Φ9,52	Φ6,35 - Φ12,7	Φ9,52 - Φ15,9
				inch.	1/4" - 3/8"	1/4" - 3/8"	1/4" - 1/2"	3/8" - 5/8"
Control systems	Infrared remote control			-			RG66A	
	Settable temperature			°C			17~30	
Power supply	Voltage/Frequency/Phases			V/Hz/n°			230 / 50 / 1	

Fan speed: Hi=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

accessories

Standard

- RG66A** Standard Wireless remote controller for SCHIARA indoor units
- NWMX** Wi-Fi kit for indoor units

Optional

- MK1X** 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 (learn more at Sontrol System page)

CRISTALLO-SM 20M÷70M

MULTISplit



Hiwall indoor unit for MULTISplit systems

WHY CHOOSE CRISTALLO-SM?

- ✓ Smart management as standard: via smartphone with the NetHome Plus app and voice control setup with Amazon Alexa **NEW**
- ✓ Clean, rounded and elegant design
- ✓ MonoSplit/MultiSplit compatible

MULTI-DIRECTIONAL FLOW

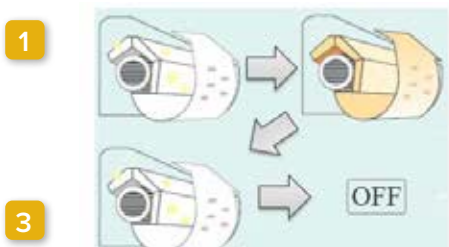
The air conditioning unit can channel the air flow in different directions to better direct the flow inside the environment



1

2

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



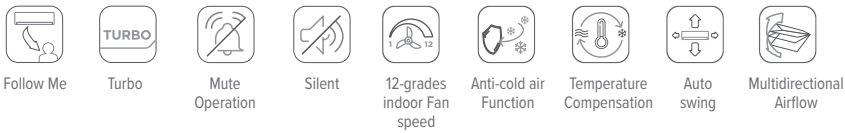
2

4

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



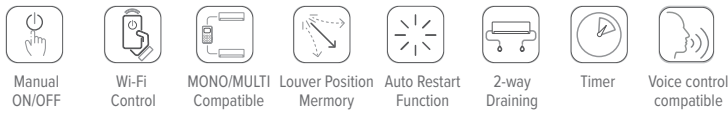
COMFORT



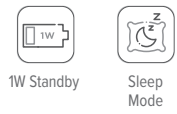
RELIABILITY



CONVENIENCE



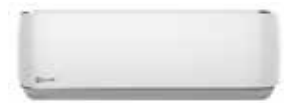
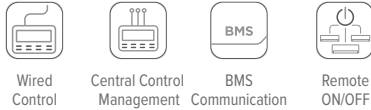
ENERGY SAVING



HEALTH



OPTIONAL



technical data

Indoor unit				IM1-XY	20M	27M	35M	53M	70M
				Configuration code	AAP3Q000-0001	AAP3Q100-0001	AAP3Q200-0001	AAP3Q400-0001	AAP3Q400-0001
Cooling capacity	Standard			Btu/h	8.000	9.200	12.000	18.000	25.000
				kW	2,3	2,7	3,5	5,3	7,3
Heating capacity	Standard			Btu/h	9.000	10.000	13.000	19.000	26.000
				kW	2,6	2,9	3,8	5,6	7,6
Dimensioni	Unit	L x D x H	mm	722x187x290	722x187x290	802x189x297	965x215x319	1.080x226x335	
	Packaging	L x D x H	mm	790x270x370	790x270x370	875x285x375	1.045x305x410	1.155x320x415	
Weight	Unit/Packaging		kg	7,4 / 9,6	7,4 / 9,6	8,2 / 10,7	10,8 / 14,1	12,9 / 16,5	
Air filter	Type		-	CCF	CCF	CCF	CCF	CCF	
Airflow		Hi/Mid/Lo	m³/h	400/300/230	521/429/259	515/459/294	750/501/417	1020/830/640	
Sound power level		Hi	dB(A)	54	54	56	58	62	
Sound pressure level		Hi/Mid/Lo/Si	dB(A)	n.a./36/31/22	37/33/22/20	38/32/22/21	41/33/28/20	46/40/30/26	
Operating range	Cooling	Indoor T.	°C	17~32	17~32	17~32	17~32	-15~50	
	Heating	Outdoor T.	°C	0~30	0~30	0~30	0~30	-15~24	
Refrigerant piping	External diameters	Liquid-Gas	mm	Φ6,35 - Φ9,52	Φ6,35 - Φ9,52	Φ6,35 - Φ9,52	Φ6,35 - Φ12,7	Φ9,52 - Φ15,9	
			inch.	1/4" - 3/8"	1/4" - 3/8"	1/4" - 3/8"	1/4" - 1/2"	3/8" - 5/8"	
Control systems	Infrared remote control		-			RG66A1			
	Settable temperature		°C			17~30			
Power supply	Voltage/Frequency/Phases		V/Hz/n°			230 / 50 / 1			

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

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

accessories

Standard

- RG66A1** Infrared remote control for indoor units except for STELVIO
- NWMX** Wi-Fi kit for indoor units

Optional

- MKSSX** Multifunction board that makes 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 Sontrol System page)

BOX-SM 2 27M÷53M

MULTISplit



Cassette indoor unit for MULTISplit systems

WHY CHOOSE BOX-SM 2?

- ✓ MULTISplit/Light Commercial compatible
- ✓ Compact design for standard 60x60cm modules
- ✓ Integrated condensate discharge pump, 750mmH₂O 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: 750mm H₂O



FRESH AIR

Pre-cut for the connection of a pipe for the fresh air.



COMFORT



CONVENIENCE



RELIABILITY



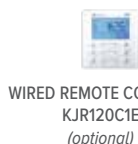
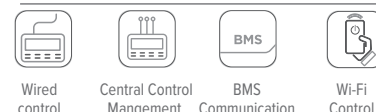
ENERGY SAVING



HEALTH



OPTIONAL



technical data

Indoor unit			IB2-XY	27M	35M	53M
			Configuration code	AAIBQ100-0001	AAIBQ200-0001	AAIBQ400-0001
Cooling capacity	Nominal		Btu/h	9.000	12.000	18.000
			kW	2,6	3,5	5,3
Heating capacity	Nominal		Btu/h	10.000	14.000	18.500
			kW	2,9	4,1	5,4
Dimensions	Unit	L x P x A	mm	570x570x260	570x570x260	570x570x260
	Packaging (Unit)	L x P x A	mm	662x662x317	662x662x317	662x662x317
	Panel		mm	647x647x50	647x647x50	647x647x50
	Packaging (Panel)		mm	715x715x123	715x715x123	715x715x123
Weight	Unit / Packaging		kg	14,7 / 19,3	16,2 / 21,4	16,2 / 21,4
	Panel / Packaging		kg	2,5 / 4,5	2,5 / 4,5	2,5 / 4,5
Air filter	Type		-	R/W	R/W	R/W
Airflow		Hi/Mid/Lo	m³/h	580/500/450	617/504/415	680/560/500
Sound power level		Hi	dB(A)	53	56	56
Sound pressure level		Hi/Mid/Lo/Si	dB(A)	38/33/29	41/37/34	44/42/41
Operating range	Cooling	Indoor T.	°C BS	17°32	17°32	17°32
	Heating	Indoor T.	°C BU	0°30	0°30	0°30
Refrigerant piping	External diameters	Liquid-Gas	mm	Φ6,35 - Φ9,52	Φ6,35 - Φ9,52	Φ6,35 - Φ12,7
			inch.	1/4" - 3/8"	1/4" - 3/8"	1/4" - 1/2"
Control systems	Infrared remote control		-		RG66A1	
	Settable temperature		°C		17°30	
Power supply	Voltage/Frequency/Phases		V/Hz/n°		230 / 50 / 1	

R/W = Removable/Washable

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

accessories

Standard

- RG66A1** Infrared remote control for indoor units except for STELVIO
- T-MBQ4-03B4** Panel for Box-SM 2/Box-SL 2 650x650, 360° air delivery, round hole grill
(Mandatory accessory, to be selected separately)

Optional

- WF-60A2** Smart port kit for the not hinwall indoor unit management via Wi-Fi (it includes adaptor and USB key)
The ON-OFF function can be used simultaneously with only one function among XYE port/BMS/Wi-Fi
Nota: the connection of this accessory also allows the connection of the standard wire control.

Control systems (learn more at Control System page)

CONSOLE-SM 2 27M÷53M

MULTISplit



Console indoor unit for MULTISplit systems

WHY CHOOSE CONSOLE-SM 2?

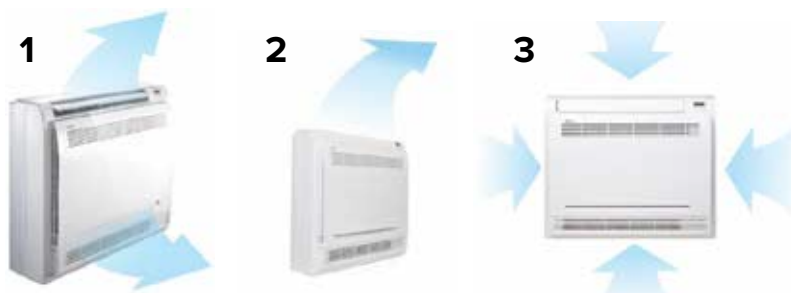
- ✓ MULTISplit/Light Commercial compatible
- ✓ Elegant and compact design
- ✓ Selection of the active air supply outlets depending on the situation

QUIET DESIGN

The large centrifugal fan blade eliminates unnecessary noise and allows for smooth operation.



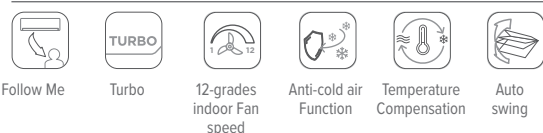
TWO AIR OUTLETS, FOUR AIR INLETS



The air supply can be selected:

1. both up and down
2. up only
3. Air inlet from 4 directions

COMFORT



RELIABILITY



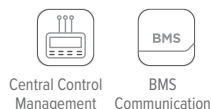
CONVENIENCE



ENERGY SAVING



OPTIONAL



REMOTE CONTROL
RG66A1
(standard)



IC2-XY

technical data

Indoor unit				IC2-XY	27M	35M	53M
				Codice configurato	AAICQ100-0001	AAICQ200-0001	AAICQ400-0001
Cooling capacity	Standard			Btu/h	9.000	12.000	16.500
				kW	2,6	3,5	4,8
Heating capacity	Standard			Btu/h	10.000	13.000	17.000
				kW	2,9	3,8	5
Dimensions	Unit	L x P x A		mm	700x210x600	700x210x600	700x210x600
	Packaging	L x P x A		mm	810x305x710	810x305x710	810x305x710
Weight	Unit/Packaging			kg	14,8 / 19	14,8 / 19	14,8 / 19
Air filter	Type			-	R/W	R/W	R/W
Airflow		Hi/Mid/Lo		m³/h	510/480/370	510/480/370	560/480/400
Sound power level		Hi		dB(A)	58	58	60
Sound pressure level		Hi/Mid/Lo/Si		dB(A)	43/41/35	43/41/35	43/41/35
Operating range	Cooling	Indoor T.		°C BS	17~32	17~32	17~32
	Heating	Indoor T.		°C BU	0~30	0~30	0~30
Refrigerant piping	External diameters	Liquid-Gas		mm	Φ6,35 - Φ9,52	Φ6,35 - Φ9,52	Φ6,35 - Φ12,7
				inch.	1/4" - 3/8"	1/4" - 3/8"	1/4" - 1/2"
Control systems	Infrared remote control			-		RG66A1	
	Settable temperature			°C		17~30	
Power supply	Voltage/Frequency/Phases			V/Hz/n°		230 / 50 / 1	

R/W = Removable/Washable

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

accessories

Standard

RG66A1 Infrared remote control for indoor units except for STELVIO

Opzionali

MD-NIM01 Kit XYE port (necessary to connect a wired control centralised wired control, data converter and BMS gateway)

Control systems

(learn more at Control System page)

DUCT-SM 2 27M÷53M

MULTISplit



Ductable indoor unit for MULTISplit systems

WHY CHOOSE DUCT-SM 2?

- ✓ MULTISplit/Light Commercial compatible
- ✓ Constant airflow function: the fan adapts the static pressure to the pressure drops
- ✓ Air return from the back or from below modifiable directly from the building site
- ✓ Integrated condensate discharge pump, 750mm H₂O of static pressure

BUILD-IN DRAIN PUMP

Available pressure:
750mm H₂O



FRESH AIR

Pre-cut for the connection of a pipe for the fresh air.



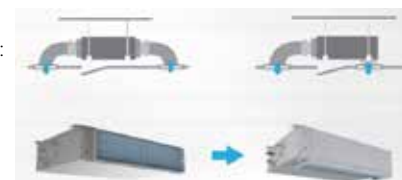
CONSTANT AIRFLOW CONTROL

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

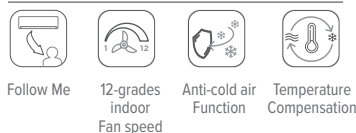


FLEXIBLE INSTALLATION

The air intake can be modified in the building site:
air intake from rear
air intake from bottom



COMFORT



RELIABILITY



CONVENIENCE



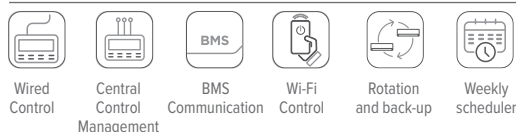
ENERGY SAVING



HEALTH



OPTIONAL



Wi-Fi
WF-60A2
(optional)



WIRED REMOTE CONTROL
KJR120C1E
(optional)



WIRED REMOTE CONTROL
RAC-120X-2W
(optional for 53M)
(necessary kit M120X)



REMOTE CONTROL
RG66A1
(standard)



ID2-XY

technical data

Indoor unit				ID2-XY	27M	35M	53M
				Configuration code	AAIDQ100-0003	AAIDQ200-0003	AAIDQ400-0003
Cooling capacity	Nominal			Btu/h	9.000	12.000	18.000
				kW	2,6	3,5	5,3
Heating capacity	Nominal			Btu/h	10.000	13.000	19.000
				kW	2,9	3,8	5,6
Dimensions	Unit	L x P x A		mm	700x450x200	700x450x200	880x674x210
	Packaging	L x P x A		mm	860x540x275	860x540x275	1.070x725x280
Weight	Unit/Packaging			kg	18 / 22	18 / 22	24,3 / 29,6
Air filter	Type			-	R/W	R/W	R/W
Airflow		Hi/Mid/Lo		m³/h	500/340/230	600/480/300	880/650/350
Available pressure		Std (Min-Max)		Pa	25 (0-60)	25 (0-60)	25 (0-100)
Sound power level		Hi		dB(A)	58	59	59
Sound pressure level		Hi/Mid/Lo/Si		dB(A)	40/34/27	40/34/27	41/38/33
Operating range	Cooling	Indoor T.		°C BS	17~32	17~32	17~32
	Heating	Indoor T.		°C BU	0~30	0~30	0~30
Refrigerant piping	External diameters	Liquid-Gas		mm	Φ6,35 - Φ9,52	Φ6,35 - Φ9,52	Φ6,35 - Φ12,7
				inch.	1/4" - 3/8"	1/4" - 3/8"	1/4" - 1/2"
Control systems	Infrared remote control			-		RG66A1	
	Settable temperature			°C		17~30	
Power supply	Voltage/Frequency/Phases			V/Hz/n°		230 / 50 / 1	

R/W = Removable/Washable

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

accessories

Standard

RG66A1

Infrared remote control for indoor units except for STELVIO

Opzionali

WF-60A2

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

The ON-OFF function can be used simultaneously with only one function among XYE port/BMS/Wi-Fi

Nota: the connection of this accessory also allows the connection of the standard wire control.

M120X

Multifunction board to connect the indoor unit to the RAC-120X-2W wired control

Control system (learn more at cControl System page)

CEILING & FLOOR-SM 2 53M

MULTISplit



Ceiling and floor indoor unit for MULTISplit systems

WHY CHOOSE CEILING & FLOOR-SM 2?

- ✓ MULTISplit/Light Commercial compatible
- ✓ Vertical or horizontal, ceiling or floor installation
- ✓ Set-up for 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.



FRESH AIR INTAKE

Pre-cut for the connection of a pipe for the fresh air.

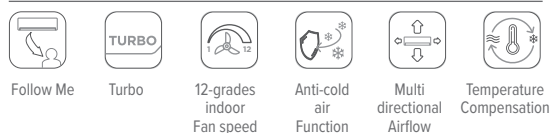


MULTIDIRECTIONAL AIRFLOW

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



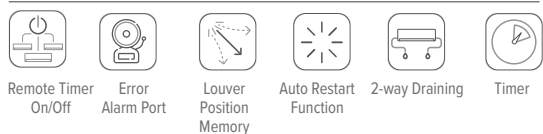
COMFORT



RELIABILITY



CONVENIENCE



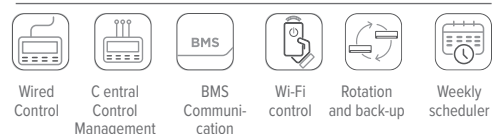
ENERGY SAVING



HEALTH



OPTIONAL



Wi-Fi
WF-60A2
(optional)



IRED REMOTE CONTROL
KJR120C1E
(optional)



WIRED REMOTE CONTROL
RAC-120X-2W
(optional)
(necessary kit M120X)



REMOTE CONTROL
RG66A1
(standard)



IF2-XY

technical data

Indoor unit

IF2-XY

53M

		Configuration code		AAIFQ400-0001	
Cooling capacity	Nominal		Btu/h		18.000
			kW		5,3
Heating capacity	Nominal		Btu/h		19.000
			kW		5,6
Dimensions	Unit	L x P x A	mm		1.068x675x235
	Packaging	L x P x A	mm		1.145x755x318
Weight	Unit/Packaging		kg		25 / 29,7
Air filter	Type		-		R/W
Airflow		Hi/Mid/Lo	m³/h		880/760/650
Sound power level		Hi	dB(A)		58
Sound pressure level		Hi/Mid/Lo/Si	dB(A)		41/38/34
Operating range	Cooling	Indoor T.	°C BS		17~32
	Heating	Indoor T.	°C BU		0~30
Refrigerant piping	External diameters	Liquid-Gas	mm		Φ6,35 - Φ12,7
			inch.		1/4" - 1/2"
Control systems	Infrared remote control		-		RG66A1
	Settable temperature		°C		17~30
Power supply	Voltage/Frequency/Phases		V/Hz/n°		230 / 50 / 1

R/W = Removable/Washable

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

accessories

Standard

RG66A1

Infrared remote control for indoor units except for STELVIO

Optional

WF-60A2

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

The ON-OFF function can be used simultaneously with only one function among XYE port/BMS/Wi-Fi

Nota: the connection of this accessory also allows the connection of the standard wire control.

M120X

Multifunction board to connect the indoor unit to the RAC-120X-2W wired control

Control system

(learn more at cControl System page)

COMBINATION TABLES

Outdoor unit: MU1-Y 41M (DUAL)

MULTISplit

COOLING

OUTDOOR UNIT	INDOOR UNIT		COOLING CAP. [KW]		TOTAL COOLING CAPACITY [KW]			POWER INPUT [KW]			TOTAL CURRENT [A]			EER	SEASONAL EFFICIENCY (EN14825)			
	A	B	A	B	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.		Class	SEER	Pd	CEA [kWh]
MU1-Y 41M (1x1)	20M 7.000	—	2,00	—	1,23	2,00	2,90	0,30	0,62	0,77	1,30	2,69	3,37	3,23	—	—	—	—
	27M 9.000	—	2,50	—	1,23	2,50	3,20	0,30	0,77	0,97	1,30	3,37	4,21	3,23	—	—	—	—
	35M 12.000	—	3,50	—	1,23	3,50	3,90	0,30	1,08	1,30	1,30	4,71	5,65	3,23	—	—	—	—
	53M 18.000	—	4,10	—	1,35	4,10	4,50	0,40	1,27	1,43	1,74	5,52	6,21	3,23	—	—	—	—
MU1-Y 41M (1x2)	20M 7.000	20M 7.000	2,05	2,05	1,76	4,10	4,54	0,42	1,24	1,43	1,84	5,40	6,21	3,30	A++	6,80	4,10	211
	20M 7.000	27M 9.000	1,79	2,31	1,76	4,10	4,54	0,42	1,24	1,43	1,84	5,40	6,21	3,30	A++	6,80	4,10	211
	20M 7.000	35M 12.000	1,51	2,59	1,76	4,10	4,54	0,42	1,23	1,43	1,84	5,37	6,21	3,32	A++	6,80	4,10	211
	27M 9.000	27M 9.000	2,05	2,05	1,76	4,10	4,54	0,42	1,24	1,43	1,84	5,40	6,21	3,30	A++	6,80	4,10	211
	27M 9.000	35M 12.000	1,76	2,34	1,76	4,10	4,54	0,42	1,23	1,43	1,84	5,37	6,21	3,32	A++	6,80	4,10	211

Notes Pd = Pdesign CEA = Annual Energy Consumption

HEATING

OUTDOOR UNIT	INDOOR UNIT		HEATING CAP. [KW]		TOTAL HEATING CAPACITY [KW]			POWER INPUT [KW]			TOTAL CURRENT [A]			COP	SEASONAL EFFICIENCY (EN14825)			
	A	B	A	B	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.		Class	SCOP	Pd	CEA [kWh]
MU1-Y 41M (1x1)	20M 7.000	—	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	1,23	1,22	4,44	5,33	3,72	—	—	—	—
	53M 18.000	—	4,40	—	1,45	4,40	4,87	0,38	1,19	1,33	1,65	5,16	5,79	3,71	—	—	—	—
MU1-Y 41M (1x2)	20M 7.000	20M 7.000	2,20	2,20	1,89	4,40	4,87	0,39	1,16	1,33	1,71	5,03	5,79	3,80	A+	4,00	3,70	1295
	20M 7.000	27M 9.000	1,93	2,48	1,89	4,40	4,87	0,39	1,16	1,33	1,71	5,03	5,79	3,80	A+	4,00	3,70	1295
	20M 7.000	35M 12.000	1,66	2,84	1,89	4,50	4,98	0,39	1,19	1,33	1,71	5,18	5,79	3,78	A+	4,00	3,70	1295
	27M 9.000	27M 9.000	2,20	2,20	1,89	4,40	4,87	0,39	1,16	1,33	1,71	5,03	5,79	3,80	A+	4,00	3,70	1295
	27M 9.000	35M 12.000	1,93	2,57	1,89	4,50	4,98	0,39	1,19	1,33	1,71	5,18	5,79	3,78	A+	4,00	3,70	1295

Notes Pd = Pdesign CEA = Annual Energy Consumption

COMBINATION TABLES

Outdoor unit: MU1-Y 53M (DUAL)

COOLING	OUTDOOR UNIT	INDOOR UNIT		COOLING CAP. [KW]		TOTAL COOLING CAPACITY [KW]			POWER INPUT [KW]			TOTAL CURRENT [A]			EER	SEASONAL EFFICIENCY (EN14825)			
		A	B	A	B	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.		Class	SEER	Pd	CEA [kWh]
	MU1-Y 53M (1x1)	20M 7.000	—	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	5,49	0,45	1,55	1,88	1,96	7,22	8,77	3,23	—	—	—	—
	MU1-Y 53M (1x2)	20M 7.000	20M 7.000	2,10	2,10	2,11	4,20	5,60	0,54	1,23	2,04	2,52	5,36	9,53	3,41	A++	6,10	4,20	241
		20M 7.000	27M 9.000	2,06	2,64	2,11	4,70	5,81	0,54	1,46	2,04	2,52	6,33	9,53	3,23	A++	6,10	4,70	270
		20M 7.000	35M 12.000	1,92	3,28	2,11	5,20	6,39	0,54	1,61	2,04	2,52	7,51	9,53	3,23	A++	6,60	5,30	281
		20M 7.000	53M 18.000	1,50	3,88	2,11	5,35	6,44	0,54	1,65	2,04	2,52	7,63	9,53	3,25	A++	6,60	5,30	281
		27M 9.000	27M 9.000	2,64	2,64	2,11	5,28	6,39	0,54	1,63	2,04	2,52	7,63	9,53	3,23	A++	6,60	5,30	281
		27M 9.000	35M 12.000	2,27	3,03	2,11	5,30	6,39	0,54	1,64	2,04	2,52	7,66	9,53	3,23	A++	6,60	5,30	281
		27M 9.000	53M 18.000	1,78	3,57	2,11	5,35	6,44	0,54	1,65	2,04	2,52	7,70	9,53	3,25	A++	6,60	5,30	281
		35M 12.000	35M 12.000	2,65	2,65	2,11	5,30	6,39	0,54	1,64	2,04	2,52	7,66	9,53	3,23	A++	6,60	5,30	281

Notes Pd = Pdesign CEA = Annual Energy Consumption

HEATING	OUTDOOR UNIT	INDOOR UNIT		HEATING CAP. [KW]		TOTAL HEATING CAP. [KW]			POWER INPUT [KW]			TOTAL CURRENT [A]			COP	SEASONAL EFFICIENCY (EN14825)			
		A	B	A	B	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.		Class	SCOP	Pd	CEA [kWh]
	MU1-Y 53M (1x1)	20M 7.000	—	2,50	—	1,56	2,50	3,03	0,32	0,67	0,84	1,39	2,91	3,64	3,73	—	—	—	—
		27M 9.000	—	3,00	—	1,56	3,00	3,63	0,32	0,80	1,01	1,39	3,50	4,37	3,73	—	—	—	—
		35M 12.000	—	3,80	—	1,56	3,80	4,60	0,32	1,01	1,22	1,39	4,41	5,29	3,75	—	—	—	—
		53M 18.000	—	5,20	—	1,73	5,20	5,79	0,42	1,40	1,81	1,83	6,21	7,88	3,71	—	—	—	—
	MU1-Y 53M (1x2)	20M 7.000	20M 7.000	2,50	2,50	2,23	5,00	6,04	0,49	1,28	1,96	2,14	5,56	8,51	3,91	A+	4,00	4,50	1575
		20M 7.000	27M 9.000	2,32	2,98	2,23	5,30	6,13	0,49	1,38	1,96	2,14	5,99	8,51	3,85	A+	4,00	4,80	1680
		20M 7.000	35M 12.000	2,03	3,47	2,23	5,50	6,74	0,49	1,44	1,96	2,14	6,28	8,51	3,81	A+	4,00	4,80	1680
		20M 7.000	53M 18.000	1,60	4,14	2,23	5,70	6,80	0,49	1,50	1,96	2,14	6,50	8,51	3,81	A+	4,00	4,80	1680
		27M 9.000	27M 9.000	2,79	2,79	2,23	5,57	6,74	0,49	1,45	1,96	2,14	6,31	8,51	3,84	A+	4,00	4,80	1680
		27M 9.000	35M 12.000	2,40	3,20	2,23	5,60	6,74	0,49	1,46	1,96	2,14	6,34	8,51	3,84	A+	4,00	4,80	1680
		27M 9.000	53M 18.000	1,93	3,87	2,23	5,80	6,80	0,49	1,52	1,96	2,14	6,62	8,51	3,81	A+	4,00	4,80	1680
		35M 12.000	35M 12.000	2,80	2,80	2,23	5,60	6,74	0,49	1,46	1,96	2,14	6,34	8,51	3,84	A+	4,00	4,80	1680

Notes Pd = Pdesign CEA = Annual Energy Consumption

COMBINATION TABLES

Outdoor unit: MU1-Y 53M (DUAL)

MULTISplit

COOLING

OUTDOOR UNIT	INDOOR UNIT			COOLING CAPACITY [KW]			TOTAL COOLING CAPACITY [KW]			POWER INPUT [KW]			TOTAL CURRENT [A]			EER	SEASONAL EFFICIENCY (EN14825)			
	A	B	C	A	B	C	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.		Class	SEER	Pd	CEA [kWh]
MU1-Y 61M (1x1)	20M 7.000	—	—	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	—	—	—	—
MU1-Y 61M (1x2)	20M 7.000	20M 7.000	—	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 7.000	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
	20M 7.000	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 7.000	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	1,94	2,17	2,46	8,45	9,44	3,24	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
	20M 7.000	20M 7.000	20M 7.000	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++	6,10	6,10	350
MU1-Y 61M (1x3)	20M 7.000	20M 7.000	27M 9.000	1,92	1,92	2,47	2,44	6,30	7,26	0,68	1,95	2,36	2,96	8,48	10,26	3,23	A++	6,10	6,30	361
	20M 7.000	20M 7.000	35M 12.000	1,70	1,70	2,91	2,44	6,30	7,32	0,68	1,94	2,36	2,96	8,45	10,26	3,24	A++	6,10	6,30	361
	20M 7.000	27M 9.000	27M 9.000	1,76	2,27	2,27	2,44	6,30	7,32	0,68	1,94	2,36	2,96	8,45	10,26	3,24	A++	6,10	6,30	361
	20M 7.000	27M 9.000	35M 12.000	1,58	2,03	2,70	2,44	6,30	7,32	0,68	1,94	2,36	2,96	8,45	10,26	3,24	A++	6,10	6,30	361
	27M 9.000	27M 9.000	27M 9.000	2,10	2,10	2,10	2,44	6,30	7,32	0,68	1,94	2,36	2,96	8,45	10,26	3,24	A++	6,10	6,30	361
	27M 9.000	27M 9.000	35M 12.000	1,89	1,89	2,52	2,44	6,30	7,32	0,68	1,94	2,36	2,96	8,45	10,26	3,24	A++	6,10	6,30	361
	27M 9.000	27M 9.000	35M 12.000	1,89	1,89	2,52	2,44	6,30	7,32	0,68	1,94	2,36	2,96	8,45	10,26	3,24	A++	6,10	6,30	361

Notes Pd = Pdesign CEA = Annual Energy Consumption

COMBINATION TABLES

Outdoor unit: MU1-Y 61M (TRIPLE)

HEATING	OUTDOOR UNIT	INDOOR UNIT			HEATING CAP. [KW]			TOTAL HEATING CAPACITY. [KW]			POWER INPUT [KW]			TOTAL CURRENT [A]			COP	SEASONAL EFFICIENCY (EN14825)			
		A	B	C	A	B	C	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.		Class	SCOP	Pd	CEA [kWh]
	MU1-Y 61M (1x1)	20M 7.000	—	—	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	—	—	1,78	5,20	6,80	0,45	1,40	2,03	1,96	6,09	8,85	3,71	—	—	—	—
	MU1-Y 61M (1x2)	20M 7.000	20M 7.000	—	2,50	2,50	—	2,18	5,00	5,94	0,53	1,35	1,77	2,31	5,86	7,69	3,71	A	3,80	4,00	1474
		20M 7.000	27M 9.000	—	2,45	3,15	—	2,18	5,60	6,27	0,53	1,51	1,86	2,31	6,56	8,08	3,71	A	3,80	4,48	1651
		20M 7.000	35M 12.000	—	2,17	3,73	—	2,18	5,90	6,60	0,53	1,59	1,95	2,31	6,91	8,46	3,71	A	3,80	4,80	1768
		20M 7.000	53M 18.000	—	1,82	4,68	—	2,18	6,50	7,39	0,53	1,75	2,03	2,31	7,62	8,85	3,71	A+	4,00	5,12	1792
		27M 9.000	27M 9.000	—	2,95	2,95	—	2,18	5,90	6,93	0,53	1,59	1,95	2,31	6,91	8,46	3,71	A	3,80	4,80	1768
		27M 9.000	35M 12.000	—	2,70	3,60	—	2,18	6,30	7,13	0,53	1,70	1,98	2,31	7,38	8,62	3,71	A+	4,00	5,12	1792
		27M 9.000	53M 18.000	—	2,20	4,40	—	2,18	6,60	7,39	0,53	1,78	2,03	2,31	7,73	8,85	3,71	A+	4,00	5,12	1792
		35M 12.000	35M 12.000	—	3,15	3,15	—	2,18	6,30	7,39	0,53	1,70	2,03	2,31	7,38	8,85	3,71	A+	4,00	5,12	1792
	MU1-Y 61M (1x3)	20M 7.000	20M 7.000	20M 7.000	2,20	2,20	2,20	2,64	6,60	7,79	0,64	1,77	2,21	2,77	7,69	9,62	3,73	A+	4,00	5,40	1890
		20M 7.000	20M 7.000	27M 9.000	2,02	2,02	2,60	2,64	6,65	7,79	0,64	1,78	2,21	2,77	7,75	9,62	3,73	A+	4,00	5,44	1904
		20M 7.000	20M 7.000	35M 12.000	1,80	1,80	3,09	2,64	6,70	7,92	0,64	1,80	2,21	2,77	7,81	9,62	3,73	A+	4,00	5,52	1932
		20M 7.000	27M 9.000	27M 9.000	1,88	2,41	2,41	2,64	6,70	7,92	0,64	1,80	2,21	2,77	7,81	9,62	3,73	A+	4,00	5,52	1932
		20M 7.000	27M 9.000	35M 12.000	1,68	2,15	2,87	2,64	6,70	7,92	0,64	1,80	2,21	2,77	7,81	9,62	3,73	A+	4,00	5,52	1932
		27M 9.000	27M 9.000	27M 9.000	2,23	2,23	2,23	2,64	6,70	7,92	0,64	1,80	2,21	2,77	7,81	9,62	3,73	A+	4,00	5,52	1932
		27M 9.000	27M 9.000	35M 12.000	2,01	2,01	2,68	2,64	6,70	7,92	0,64	1,80	2,21	2,77	7,81	9,62	3,73	A+	4,00	5,52	1932

Notes Pd = Pdesign CEA = Annual Energy Consumption

COMBINATION TABLES

Outdoor unit: MU1-Y 79M (TRIPLE)

MULTISplit

COOLING

OUTDOOR UNIT	INDOOR UNIT			COOLING CAPACITY [KW]			TOTAL COOLING CAPACITY [KW]			POWER INPUT [KW]			TOTAL CURRENT [A]			EER	SEASONAL EFFICIENCY (EN14825)			
	A	B	C	A	B	C	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.		Class	SEER	Pd	CEA [kWh]
MU1-Y 79M (x1)	20M 7.000	—	—	2,00	—	—	1,58	2,00	2,90	0,40	0,62	0,77	1,74	2,71	3,39	3,23	—	—	—	—
	27M 9.000	—	—	2,50	—	—	1,58	2,50	3,20	0,40	0,77	0,97	1,74	3,39	4,23	3,23	—	—	—	—
	35M 12.000	—	—	3,50	—	—	1,58	3,50	3,90	0,40	1,08	1,30	1,74	4,74	5,69	3,23	—	—	—	—
	53M 18.000	—	—	5,00	—	—	1,78	5,00	6,50	0,50	1,55	1,78	2,17	6,77	7,79	3,23	—	—	—	—
MU1-Y 79M (x2)	20M 7.000	20M 7.000	—	2,10	2,10	—	2,21	4,20	6,32	0,64	1,30	2,08	2,77	5,69	9,07	3,23	A++	6,10	4,20	241
	20M 7.000	27M 9.000	—	2,06	2,64	—	2,21	4,70	6,72	0,64	1,46	2,20	2,77	6,37	9,60	3,23	A++	6,10	4,70	270
	20M 7.000	35M 12.000	—	1,95	3,35	—	2,21	5,30	7,11	0,64	1,64	2,45	2,77	7,18	10,67	3,23	A++	6,10	5,30	304
	20M 7.000	53M 18.000	—	1,82	4,68	—	2,21	6,50	7,90	0,64	2,01	2,69	2,77	8,80	11,73	3,23	A++	6,10	6,50	373
	27M 9.000	27M 9.000	—	2,65	2,65	—	2,21	5,30	7,11	0,64	1,64	2,45	2,77	7,18	10,67	3,23	A++	6,10	5,30	304
	27M 9.000	35M 12.000	—	2,57	3,43	—	2,21	6,00	7,51	0,64	1,86	2,57	2,77	8,13	11,20	3,23	A++	6,10	6,00	344
	27M 9.000	53M 18.000	—	2,27	4,53	—	2,21	6,80	7,90	0,64	2,09	2,69	2,77	9,15	11,73	3,25	A++	6,10	6,80	390
	35M 12.000	35M 12.000	—	3,15	3,15	—	2,21	6,30	7,66	0,64	1,94	2,64	2,77	8,51	11,52	3,24	A++	6,10	6,30	361
	35M 12.000	53M 18.000	—	2,72	4,08	—	2,21	6,80	7,90	0,64	2,09	2,69	2,77	9,15	11,73	3,25	A++	6,10	6,80	390
	20M 7.000	20M 7.000	20M 7.000	2,43	2,43	2,43	2,77	7,30	8,69	0,76	2,26	2,91	3,31	9,86	12,69	3,23	A++	6,50	7,30	393
	20M 7.000	20M 7.000	27M 9.000	2,25	2,25	2,90	2,77	7,40	8,69	0,76	2,29	2,91	3,31	9,99	12,69	3,23	A++	6,50	7,40	398
	20M 7.000	20M 7.000	35M 12.000	2,13	2,13	3,65	2,77	7,90	8,69	0,76	2,45	2,91	3,31	10,67	12,69	3,23	A++	6,50	7,90	425
MU1-Y 79M (x3)	20M 7.000	20M 7.000	53M 18.000	1,73	1,73	4,44	2,77	7,90	8,69	0,76	2,43	2,91	3,31	10,60	12,69	3,25	A++	6,50	7,90	425
	20M 7.000	27M 9.000	27M 9.000	2,13	2,74	2,74	2,77	7,60	8,69	0,76	2,35	2,91	3,31	10,26	12,69	3,23	A++	6,50	7,60	409
	20M 7.000	27M 9.000	35M 12.000	1,98	2,54	3,39	2,77	7,90	8,69	0,76	2,45	2,91	3,31	10,67	12,69	3,23	A++	6,50	7,90	425
	20M 7.000	27M 9.000	53M 18.000	1,63	2,09	4,18	2,77	7,90	8,69	0,76	2,43	2,91	3,31	10,60	12,69	3,25	A++	6,50	7,90	425
	20M 7.000	35M 12.000	35M 12.000	1,78	3,06	3,06	2,77	7,90	8,69	0,76	2,43	2,91	3,31	10,63	12,69	3,25	A++	6,50	7,90	425
	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	3,31	10,67	12,69	3,23	A++	6,50	7,90	425
	27M 9.000	27M 9.000	35M 12.000	2,37	2,37	3,16	2,77	7,90	8,69	0,76	2,43	2,91	3,31	10,63	12,69	3,25	A++	6,50	7,90	425
	27M 9.000	35M 12.000	35M 12.000	2,15	2,87	2,87	2,77	7,90	8,69	0,76	2,43	2,91	3,31	10,60	12,69	3,25	A++	6,50	7,90	425
	35M 12.000	35M 12.000	35M 12.000	2,63	2,63	2,63	2,77	7,90	8,69	0,76	2,43	2,91	3,31	10,60	12,69	3,25	A++	6,50	7,90	425

Notes Pd = Pdesign CEA = Annual Energy Consumption

COMBINATION TABLES

Outdoor unit: MU1-Y 79M (TRIPLE)

OUTDOOR UNIT	INDOOR UNIT			HEATING CAP. [kW]			TOTAL HEATING CAPACITY [kW]			POWER INPUT [kW]			TOTAL CURRENT [A]			COP	SEASONAL EFFICIENCY (EN14825)			
	A	B	C	A	B	C	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.		Class	SCOP	Pd	CEA [kWh]
MU1-Y 79M (1x1)	20M 7.000	—	—	2,50	—	—	1,64	2,50	2,90	0,40	0,67	0,84	1,74	3,09	3,86	3,71	—	—	—	—
	27M 9.000	—	—	3,00	—	—	1,64	3,00	3,20	0,40	0,81	1,01	1,74	3,71	4,63	3,71	—	—	—	—
	35M 12.000	—	—	3,80	—	—	1,64	3,80	3,90	0,40	1,02	1,23	1,74	4,69	5,63	3,71	—	—	—	—
	53M 18.000	—	—	5,20	—	—	1,89	5,20	7,22	0,50	1,40	1,61	2,17	6,92	7,95	3,71	—	—	—	—
MU1-Y 79M (1x2)	20M 7.000	20M 7.000	—	2,50	2,50	—	2,30	5,00	6,56	0,57	1,35	1,86	2,54	6,12	8,30	3,71	A	3,80	4,80	1768
	20M 7.000	27M 9.000	—	2,45	3,15	—	2,30	5,60	6,97	0,57	1,51	1,97	2,54	6,86	8,79	3,71	A	3,80	5,10	1879
	20M 7.000	35M 12.000	—	2,21	3,79	—	2,30	6,00	7,38	0,57	1,61	2,19	2,54	7,23	9,77	3,72	A	3,80	5,30	1953
	20M 7.000	53M 18.000	—	1,96	5,04	—	2,30	7,00	8,20	0,57	1,88	2,41	2,54	8,43	10,74	3,72	A	3,80	5,30	1953
	27M 9.000	27M 9.000	—	3,00	3,00	—	2,30	6,00	7,38	0,57	1,61	2,19	2,54	7,23	9,77	3,72	A	3,80	5,30	1953
	27M 9.000	35M 12.000	—	2,70	3,60	—	2,30	6,30	7,79	0,57	1,69	2,30	2,54	7,59	10,26	3,72	A	3,80	5,30	1953
	27M 9.000	53M 18.000	—	2,33	4,67	—	2,30	7,00	8,20	0,57	1,88	2,41	2,54	8,41	10,74	3,73	A	3,80	5,30	1953
	35M 12.000	35M 12.000	—	3,25	3,25	—	2,30	6,50	7,95	0,57	1,75	2,36	2,54	7,83	10,55	3,72	A	3,80	5,30	1953
	35M 12.000	53M 18.000	—	2,80	4,20	—	2,30	7,00	8,20	0,57	1,88	2,41	2,54	8,41	10,74	3,73	A	3,80	5,30	1953
MU1-Y 79M (1x3)	20M 7.000	20M 7.000	20M 7.000	2,27	2,27	2,27	2,87	6,80	9,02	0,68	1,83	2,60	3,03	8,19	11,62	3,72	A+	4,00	5,60	1960
	20M 7.000	20M 7.000	27M 9.000	2,13	2,13	2,74	2,87	7,00	9,02	0,68	1,88	2,60	3,03	8,43	11,62	3,72	A+	4,00	5,60	1960
	20M 7.000	20M 7.000	35M 12.000	2,13	2,13	3,65	2,87	7,90	9,02	0,68	2,11	2,60	3,03	9,46	11,62	3,74	A+	4,00	5,60	1960
	20M 7.000	20M 7.000	53M 18.000	1,82	1,82	4,67	2,87	8,30	9,02	0,68	2,21	2,60	3,03	9,81	11,62	3,75	A+	4,00	5,60	1960
	20M 7.000	27M 9.000	27M 9.000	2,21	2,84	2,84	2,87	7,90	9,02	0,68	2,11	2,60	3,03	9,46	11,62	3,74	A+	4,00	5,60	1960
	20M 7.000	27M 9.000	35M 12.000	2,05	2,64	3,51	2,87	8,20	9,02	0,68	2,19	2,60	3,03	9,77	11,62	3,75	A+	4,00	5,60	1960
	20M 7.000	27M 9.000	53M 18.000	1,71	2,20	4,39	2,87	8,30	9,02	0,68	2,21	2,60	3,03	9,81	11,62	3,76	A+	4,00	5,60	1960
	20M 7.000	35M 12.000	35M 12.000	1,87	3,21	3,21	2,87	8,30	9,02	0,68	2,21	2,60	3,03	9,86	11,62	3,76	A+	4,00	5,60	1960
	27M 9.000	27M 9.000	27M 9.000	2,73	2,73	2,73	2,87	8,20	9,02	0,68	2,19	2,60	3,03	9,77	11,62	3,75	A+	4,00	5,60	1960
	27M 9.000	27M 9.000	35M 12.000	2,49	2,49	3,32	2,87	8,30	9,02	0,68	2,21	2,60	3,03	9,86	11,62	3,75	A+	4,00	5,60	1960
	27M 9.000	35M 12.000	35M 12.000	2,26	3,02	3,02	2,87	8,30	9,02	0,68	2,21	2,60	3,03	9,81	11,62	3,76	A+	4,00	5,60	1960
	35M 12.000	35M 12.000	35M 12.000	2,77	2,77	2,77	2,87	8,30	9,02	0,68	2,21	2,60	3,03	9,81	11,62	3,76	A+	4,00	5,60	1960

Notes Pd = Pdesign CEA = Annual Energy Consumption

MULTISplit

HEATING

COMBINATION TABLES

Outdoor unit: MU1-Y 82M (QUADRI)

MULTISplit

OUTDOOR UNIT	INDOOR UNIT				COOLING CAPACITY [kW]				TOTAL COOLING CAPACITY [kW]			POWER INPUT [kW]			TOTAL CURRENT [A]			EER	SEASONAL EFFICIENCY (EN14825)			
	A	B	C	D	A	B	C	D	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.		Class	SEER	Pd	CEA [kWh]
MU1-Y 82M (1x1)	20M 7.000	—	—	—	2,00	—	—	—	1,52	2,00	2,90	0,40	0,62	0,77	1,74	2,69	3,37	3,23	—	—	—	—
	27M 9.000	—	—	—	2,50	—	—	—	1,52	2,50	3,20	0,40	0,77	0,97	1,74	3,37	4,21	3,23	—	—	—	—
	35M 12.000	—	—	—	3,50	—	—	—	1,52	3,50	3,90	0,40	1,08	1,30	1,74	4,71	5,65	3,23	—	—	—	—
	53M 18.000	—	—	—	5,00	—	—	—	1,72	5,00	6,50	0,50	1,55	1,78	2,17	6,73	7,74	3,23	—	—	—	—
MU1-Y 82M (1x2)	20M 7.000	20M 7.000	—	—	2,10	2,10	—	—	2,05	4,20	6,08	0,62	1,30	1,98	2,69	5,65	8,60	3,23	A++	6,10	4,20	241
	20M 7.000	27M 9.000	—	—	2,06	2,64	—	—	2,05	4,70	6,40	0,62	1,46	2,10	2,69	6,33	9,14	3,23	A++	6,10	4,70	270
	20M 7.000	35M 12.000	—	—	1,95	3,35	—	—	2,05	5,30	6,81	0,62	1,64	2,23	2,69	7,13	9,68	3,23	A++	6,10	5,30	304
	20M 7.000	53M 18.000	—	—	1,96	5,04	—	—	2,05	7,00	7,55	0,62	2,17	2,72	2,69	9,42	11,83	3,23	A++	6,10	7,00	402
	27M 9.000	27M 9.000	—	—	2,65	2,65	—	—	2,05	5,30	6,81	0,62	1,64	2,23	2,69	7,13	9,68	3,23	A++	6,10	5,30	304
	27M 9.000	35M 12.000	—	—	2,57	3,43	—	—	2,05	6,00	6,98	0,62	1,86	2,35	2,69	8,08	10,21	3,23	A++	6,10	6,00	344
	27M 9.000	53M 18.000	—	—	2,43	4,87	—	—	2,05	7,30	7,55	0,62	2,26	2,72	2,69	9,83	11,83	3,23	A++	6,10	7,30	419
	35M 12.000	35M 12.000	—	—	3,25	3,25	—	—	2,05	6,50	7,39	0,62	2,01	2,42	2,69	8,75	10,54	3,23	A++	6,10	6,50	373
	35M 12.000	53M 18.000	—	—	2,92	4,38	—	—	2,05	7,30	7,55	0,62	2,26	2,72	2,69	9,83	11,83	3,23	A++	6,10	7,30	419
	53M 18.000	53M 18.000	—	—	3,75	3,75	—	—	2,05	7,50	7,55	0,62	2,32	2,72	2,69	10,10	11,83	3,23	A++	6,10	7,50	430
MU1-Y 82M (1x3)	20M 7.000	20M 7.000	20M 7.000	—	2,00	2,00	2,00	—	2,63	6,00	8,46	0,74	1,85	2,87	3,23	8,03	12,47	3,25	A++	6,50	6,00	323
	20M 7.000	20M 7.000	27M 9.000	—	1,98	1,98	2,54	—	2,63	6,50	8,46	0,74	2,00	2,87	3,23	8,70	12,47	3,25	A++	6,50	6,50	350
	20M 7.000	20M 7.000	35M 12.000	—	1,91	1,91	3,28	—	2,63	7,10	8,46	0,74	2,18	2,87	3,23	9,50	12,47	3,25	A++	6,50	7,10	382
	20M 7.000	20M 7.000	53M 18.000	—	1,71	1,71	4,39	—	2,63	7,80	8,46	0,74	2,40	2,87	3,23	10,43	12,47	3,25	A++	6,50	7,80	420
	20M 7.000	27M 9.000	27M 9.000	—	1,90	2,45	2,68	—	2,63	6,80	8,46	0,74	2,09	2,87	3,23	9,10	12,47	3,25	A++	6,50	6,80	366
	20M 7.000	27M 9.000	35M 12.000	—	1,88	2,41	3,21	—	2,63	7,50	8,46	0,74	2,31	2,87	3,23	10,03	12,47	3,25	A++	6,50	7,50	404
	20M 7.000	27M 9.000	53M 18.000	—	1,61	2,06	4,13	—	2,63	7,80	8,46	0,74	2,40	2,87	3,23	10,43	12,47	3,25	A++	6,50	7,80	420
	20M 7.000	35M 12.000	35M 12.000	—	1,76	3,02	3,02	—	2,63	7,80	8,46	0,74	2,40	2,87	3,23	10,43	12,47	3,25	A++	6,50	7,80	420
	20M 7.000	35M 12.000	53M 18.000	—	1,48	2,53	3,79	—	2,63	7,80	8,46	0,74	2,40	2,87	3,23	10,43	12,47	3,25	A++	6,50	7,80	420
	27M 9.000	27M 9.000	27M 9.000	—	2,37	2,37	2,37	—	2,63	7,10	8,46	0,74	2,18	2,87	3,23	9,50	12,47	3,25	A++	6,50	7,10	382
	27M 9.000	27M 9.000	35M 12.000	—	2,34	2,34	3,12	—	2,63	7,80	8,46	0,74	2,40	2,87	3,23	10,43	12,47	3,25	A++	6,50	7,80	420
	27M 9.000	27M 9.000	53M 18.000	—	1,95	1,95	3,90	—	2,63	7,80	8,46	0,74	2,40	2,87	3,23	10,43	12,47	3,25	A++	6,50	7,80	420
	27M 9.000	35M 12.000	35M 12.000	—	2,13	2,84	2,84	—	2,63	7,80	8,46	0,74	2,40	2,87	3,23	10,43	12,47	3,25	A++	6,50	7,80	420
	27M 9.000	35M 12.000	53M 18.000	—	1,80	2,40	3,60	—	2,63	7,80	8,46	0,74	2,40	2,87	3,23	10,43	12,47	3,25	A++	6,50	7,80	420
	35M 12.000	35M 12.000	35M 12.000	—	2,60	2,60	2,60	—	2,63	7,80	8,46	0,74	2,40	2,87	3,23	10,43	12,47	3,25	A++	6,50	7,80	420

Notes Pd = Pdesign CEA = Annual Energy Consumption

COMBINATION TABLES

Outdoor unit: MU1-Y 82M (QUADRI)

COOLING

OUTDOOR UNIT	INDOOR UNIT				COOLING CAPACITY [KW]				TOTAL COOLING CAPACITY [KW]			POWER INPUT [KW]			TOTAL CURRENT [A]			EER	SEASONAL EFFICIENCY (EN14825)			
	A	B	C	D	A	B	C	D	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.		Class	SEER	Pd	CEA [kWh]
MU1-Y 82M (1x4)	20M 7.000	20M 7.000	20M 7.000	20M 7.000	2,05	2,05	2,05	2,05	3,04	8,21	9,93	0,84	2,47	3,09	3,66	10,75	13,44	3,32	A++	6,80	8,21	423
	20M 7.000	20M 7.000	20M 7.000	27M 9.000	1,92	1,92	1,92	2,46	3,04	8,21	9,93	0,84	2,47	3,09	3,66	10,75	13,44	3,32	A++	6,80	8,21	423
	20M 7.000	20M 7.000	20M 7.000	35M 12.000	1,74	1,74	1,74	2,99	3,04	8,21	9,93	0,84	2,47	3,09	3,66	10,75	13,44	3,32	A++	6,80	8,21	423
	20M 7.000	20M 7.000	20M 7.000	53M 18.000	1,47	1,47	1,47	3,79	3,04	8,21	9,93	0,84	2,50	3,09	3,66	10,88	13,44	3,28	A++	6,80	8,21	423
	20M 7.000	20M 7.000	27M 9.000	27M 9.000	1,80	1,80	2,31	2,31	3,04	8,21	9,93	0,84	2,47	3,09	3,66	10,75	13,44	3,32	A++	6,80	8,21	423
	20M 7.000	20M 7.000	27M 9.000	35M 12.000	1,64	1,64	2,11	2,81	3,04	8,21	9,93	0,84	2,49	3,09	3,66	10,82	13,44	3,30	A++	6,80	8,21	423
	20M 7.000	20M 7.000	35M 12.000	35M 12.000	1,51	1,51	2,59	2,59	3,04	8,21	9,93	0,84	2,50	3,09	3,66	10,85	13,44	3,29	A++	6,80	8,21	423
	20M 7.000	27M 9.000	27M 9.000	27M 9.000	1,69	2,17	2,17	2,17	3,04	8,21	9,93	0,84	2,48	3,09	3,66	10,78	13,44	3,31	A++	6,80	8,21	423
	20M 7.000	27M 9.000	27M 9.000	35M 12.000	1,55	2,00	2,00	2,66	3,04	8,21	9,93	0,84	2,50	3,09	3,66	10,85	13,44	3,29	A++	6,80	8,21	423
	20M 7.000	27M 9.000	35M 12.000	35M 12.000	1,44	1,85	2,46	2,46	3,04	8,21	9,93	0,84	2,50	3,09	3,66	10,88	13,44	3,28	A++	6,80	8,21	423
	27M 9.000	27M 9.000	27M 9.000	27M 9.000	2,05	2,05	2,05	2,05	3,04	8,21	9,93	0,84	2,50	3,09	3,66	10,85	13,44	3,29	A++	6,80	8,21	423
	27M 9.000	27M 9.000	27M 9.000	35M 12.000	1,89	1,89	1,89	2,53	3,04	8,21	9,93	0,84	2,50	3,09	3,66	10,88	13,44	3,28	A++	6,80	8,21	423

Notes Pd = Pdesign CEA = Annual Energy Consumption

MULTISplit

COMBINATION TABLES

Outdoor unit: MU1-Y 82M (QUADRI)

MULTISplit

	OUTDOOR UNIT	INDOOR UNIT				HEATING CAPACITY [KW]				TOTAL HEATING CAPACITY. [KW]			POWER INPUT [KW]			TOTAL CURRENT [A]			COP	SEASONAL EFFICIENCY (EN14825)			
		A	B	C	D	A	B	C	D	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.		Class	SCOP	Pd	CEA [kWh]
	MU1-Y 82M (x1)	20M 7.000	—	—	—	2,50	—	—	—	1,63	2,50	2,90	0,40	0,67	0,84	1,74	2,93	3,66	3,71	—	—	—	—
		27M 9.000	—	—	—	3,00	—	—	—	1,63	3,00	3,20	0,40	0,81	1,01	1,74	3,52	4,39	3,71	—	—	—	—
		35M 12.000	—	—	—	3,80	—	—	—	1,63	3,80	3,90	0,40	1,02	1,23	1,74	4,45	5,34	3,71	—	—	—	—
		53M 18.000	—	—	—	5,60	—	—	—	1,85	5,60	6,78	0,50	1,51	1,74	2,17	6,56	7,55	3,71	—	—	—	—
	MU1-Y 82M (x2)	20M 7.000	20M 7.000	—	—	2,50	2,50	—	—	2,20	5,00	6,51	0,59	1,35	1,89	2,57	5,86	8,23	3,71	A	3,80	3,85	1418
		20M 7.000	27M 9.000	—	—	2,45	3,15	—	—	2,20	5,60	6,86	0,59	1,51	2,01	2,57	6,56	8,74	3,71	A	3,80	4,31	1589
		20M 7.000	35M 12.000	—	—	2,21	3,79	—	—	2,20	6,00	7,30	0,59	1,62	2,13	2,57	7,03	9,26	3,71	A	3,80	4,62	1702
		20M 7.000	53M 18.000	—	—	2,18	5,62	—	—	2,20	7,80	8,10	0,59	2,10	2,60	2,57	9,14	11,31	3,71	A	3,80	6,01	2213
		27M 9.000	27M 9.000	—	—	3,00	3,00	—	—	2,20	6,00	7,30	0,59	1,62	2,13	2,57	7,03	9,26	3,71	A	3,80	4,62	1702
		27M 9.000	35M 12.000	—	—	3,00	4,00	—	—	2,20	7,00	7,48	0,59	1,89	2,25	2,57	8,20	9,77	3,71	A	3,80	5,39	1986
		27M 9.000	53M 18.000	—	—	2,63	5,27	—	—	2,20	7,90	8,10	0,59	2,13	2,60	2,57	9,26	11,31	3,71	A	3,80	6,08	2241
		35M 12.000	35M 12.000	—	—	3,75	3,75	—	—	2,20	7,50	7,92	0,59	2,02	2,32	2,57	8,79	10,08	3,71	A	3,80	5,78	2128
		35M 12.000	53M 18.000	—	—	3,20	4,80	—	—	2,20	8,00	8,10	0,59	2,16	2,60	2,57	9,38	11,31	3,71	A	3,80	6,16	2269
		53M 18.000	53M 18.000	—	—	4,00	4,00	—	—	2,20	8,00	8,10	0,59	2,16	2,60	2,57	9,38	11,31	3,71	A	3,80	6,16	2269
		20M 7.000	20M 7.000	20M 7.000	—	2,33	2,33	2,33	—	2,82	7,00	9,06	0,71	1,89	2,74	3,09	8,20	11,93	3,71	A	3,90	5,39	1935
		20M 7.000	20M 7.000	27M 9.000	—	2,37	2,37	3,05	—	2,82	7,80	9,06	0,71	2,10	2,74	3,09	9,14	11,93	3,71	A	3,90	6,01	2156
	MU1-Y 82M (x3)	20M 7.000	20M 7.000	35M 12.000	—	2,26	2,26	3,88	—	2,82	8,40	9,06	0,71	2,26	2,74	3,09	9,82	11,93	3,72	A	3,90	6,55	2349
		20M 7.000	20M 7.000	53M 18.000	—	1,88	1,88	4,84	—	2,82	8,60	9,06	0,71	2,31	2,74	3,09	10,05	11,93	3,72	A	3,90	6,78	2432
		20M 7.000	27M 9.000	27M 9.000	—	2,35	3,02	2,68	—	2,82	8,40	9,06	0,71	2,26	2,74	3,09	9,82	11,93	3,72	A	3,90	6,55	2349
		20M 7.000	27M 9.000	35M 12.000	—	2,13	2,73	3,64	—	2,82	8,50	9,06	0,71	2,28	2,74	3,09	9,93	11,93	3,72	A	3,90	6,78	2432
		20M 7.000	27M 9.000	53M 18.000	—	1,77	2,28	4,55	—	2,82	8,60	9,06	0,71	2,31	2,74	3,09	10,05	11,93	3,72	A	3,90	6,78	2432
		20M 7.000	35M 12.000	35M 12.000	—	1,94	3,33	3,33	—	2,82	8,60	9,06	0,71	2,31	2,74	3,09	10,05	11,93	3,72	A	3,90	6,78	2432
		20M 7.000	35M 12.000	53M 18.000	—	1,63	2,79	4,18	—	2,82	8,60	9,06	0,71	2,31	2,74	3,09	10,05	11,93	3,72	A	3,90	6,78	2432
		27M 9.000	27M 9.000	27M 9.000	—	2,87	2,87	2,87	—	2,82	8,60	9,06	0,71	2,31	2,74	3,09	10,05	11,93	3,72	A	3,90	6,78	2432
		27M 9.000	27M 9.000	35M 12.000	—	2,58	2,58	3,44	—	2,82	8,60	9,06	0,71	2,31	2,74	3,09	10,05	11,93	3,72	A	3,90	6,78	2432
		27M 9.000	27M 9.000	53M 18.000	—	2,15	2,15	4,30	—	2,82	8,60	9,06	0,71	2,31	2,74	3,09	10,05	11,93	3,72	A	3,90	6,78	2432
		27M 9.000	35M 12.000	35M 12.000	—	2,35	3,13	3,13	—	2,82	8,60	9,06	0,71	2,31	2,74	3,09	10,05	11,93	3,72	A	3,90	6,78	2432
		27M 9.000	35M 12.000	53M 18.000	—	1,98	2,65	3,97	—	2,82	8,60	9,06	0,71	2,31	2,74	3,09	10,05	11,93	3,72	A	3,90	6,78	2432
		35M 12.000	35M 12.000	35M 12.000	—	2,87	2,87	2,87	—	2,82	8,60	9,06	0,71	2,31	2,74	3,09	10,05	11,93	3,72	A	3,90	6,78	2432

Notes Pd = Pdesign CEA = Annual Energy Consumption

COMBINATION TABLES

Outdoor unit: MU1-Y 82M (QUADRI)

HEATING	OUTDOOR UNIT	INDOOR UNIT				HEATING CAPACITY [KW]				TOTAL HEATING CAPACITY [KW]			POWER INPUT [KW]			TOTAL CURRENT [A]			COP	SEASONAL EFFICIENCY (EN14825)			
		A	B	C	D	A	B	C	D	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.		Class	SCOP	Pd	CEA [kWh]
	MU1-Y 82M (1x4)	20M 7.000	20M 7.000	20M 7.000	20M 7.000	2,20	2,20	2,20	2,20	3,26	8,80	10,65	0,80	2,37	2,96	3,50	10,29	12,86	3,72	A+	4,00	7,00	2450
		20M 7.000	20M 7.000	20M 7.000	27M 9.000	2,08	2,08	2,08	2,67	3,26	8,90	10,65	0,80	2,39	2,96	3,50	10,40	12,86	3,72	A+	4,00	7,00	2450
		20M 7.000	20M 7.000	20M 7.000	35M 12.000	1,91	1,91	1,91	3,27	3,26	9,00	10,65	0,80	2,42	2,96	3,50	10,52	12,86	3,72	A+	4,00	7,00	2450
		20M 7.000	20M 7.000	20M 7.000	53M 18.000	1,63	1,63	1,63	4,20	3,26	9,10	10,65	0,80	2,45	2,96	3,50	10,64	12,86	3,72	A+	4,00	7,00	2450
		20M 7.000	20M 7.000	27M 9.000	27M 9.000	1,95	1,95	2,50	2,50	3,26	8,90	10,65	0,80	2,39	2,96	3,50	10,40	12,86	3,72	A+	4,00	7,00	2450
		20M 7.000	20M 7.000	27M 9.000	35M 12.000	1,80	1,80	2,31	3,09	3,26	9,00	10,65	0,80	2,42	2,96	3,50	10,52	12,86	3,72	A+	4,00	7,00	2450
		20M 7.000	20M 7.000	35M 12.000	35M 12.000	1,68	1,68	2,87	2,87	3,26	9,10	10,65	0,80	2,45	2,96	3,50	10,64	12,86	3,72	A+	4,00	7,00	2450
		20M 7.000	27M 9.000	27M 9.000	27M 9.000	1,83	2,36	2,36	2,36	3,26	8,90	10,65	0,80	2,39	2,96	3,50	10,40	12,86	3,72	A+	4,00	7,00	2450
20M 7.000		27M 9.000	27M 9.000	35M 12.000	1,70	2,19	2,19	2,92	3,26	9,00	10,65	0,80	2,42	2,96	3,50	10,52	12,86	3,72	A+	4,00	7,00	2450	
20M 7.000	27M 9.000	35M 12.000	35M 12.000	1,59	2,05	2,73	2,73	3,26	9,10	10,65	0,80	2,45	2,96	3,50	10,64	12,86	3,72	A+	4,00	7,00	2450		
27M 9.000	27M 9.000	27M 9.000	27M 9.000	2,23	2,23	2,23	2,23	3,26	8,90	10,65	0,80	2,39	2,96	3,50	10,40	12,86	3,72	A+	4,00	7,00	2450		
27M 9.000	27M 9.000	27M 9.000	35M 12.000	2,10	2,10	2,10	2,80	3,26	9,10	10,65	0,80	2,45	2,96	3,50	10,64	12,86	3,72	A+	4,00	7,00	2450		

Notes Pd = Pdesign CEA = Annual Energy Consumption

COMBINATION TABLES

Outdoor unit: MU1-Y 105M (QUADRI)

MULTISplit

COOLING	OUTDOOR UNIT	INDOOR UNIT				HEATING CAPACITY [KW]				TOTAL HEATING CAPACITY [KW]			POWER INPUT [KW]			TOTAL CURRENT [A]			EER	SEASONAL EFFICIENCY (EN14825)			
		A	B	C	D	A	B	C	D	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.		Class	SEER	Pd	CEA [kWh]
MU1-Y 105M (1x1)	20M 7.000	—	—	—	—	2,00	—	—	—	1,58	2,00	2,90	0,45	0,61	0,76	1,96	2,85	3,56	3,28	—	—	—	—
	27M 9.000	—	—	—	—	2,50	—	—	—	1,58	2,50	3,20	0,45	0,76	0,95	1,96	3,56	4,45	3,28	—	—	—	—
	35M 12.000	—	—	—	—	3,50	—	—	—	1,58	3,50	3,90	0,45	1,07	1,28	1,96	4,99	5,99	3,28	—	—	—	—
	53M 18.000	—	—	—	—	5,00	—	—	—	1,79	5,00	6,50	0,58	1,52	1,75	2,52	7,13	8,20	3,28	—	—	—	—
	70M 24.000	—	—	—	—	7,00	—	—	—	2,21	7,00	8,00	0,62	2,13	2,45	2,70	9,98	11,48	3,28	—	—	—	—
MU1-Y 105M (1x2)	20M 7.000	20M 7.000	—	—	—	2,10	2,10	—	—	2,21	4,20	6,30	0,62	1,28	2,11	2,89	5,99	9,89	3,28	A++	6,10	4,20	241
	20M 7.000	27M 9.000	—	—	—	2,06	2,64	—	—	2,21	4,70	6,51	0,62	1,43	2,28	2,89	6,70	10,65	3,28	A++	6,10	4,70	270
	20M 7.000	35M 12.000	—	—	—	2,03	3,47	—	—	2,21	5,50	6,83	0,62	1,68	2,44	2,89	7,84	11,41	3,28	A++	6,10	5,50	316
	20M 7.000	53M 18.000	—	—	—	1,96	5,04	—	—	2,21	7,00	8,40	0,62	2,13	2,86	2,89	9,98	13,39	3,28	A++	6,10	7,00	402
	20M 7.000	70M 24.000	—	—	—	2,03	6,97	—	—	2,21	9,00	9,45	0,62	2,74	3,06	2,89	12,83	14,30	3,28	A++	6,10	9,00	516
	27M 9.000	27M 9.000	—	—	—	2,65	2,65	—	—	2,21	5,30	6,83	0,62	1,62	2,44	2,89	7,56	11,41	3,28	A++	6,10	5,30	304
	27M 9.000	35M 12.000	—	—	—	2,57	3,43	—	—	2,21	6,00	7,35	0,62	1,83	2,60	2,89	8,55	12,17	3,28	A++	6,10	6,00	344
	27M 9.000	53M 18.000	—	—	—	2,50	5,00	—	—	2,21	7,50	9,45	0,62	2,29	2,93	2,89	10,69	13,70	3,28	A++	6,10	7,50	430
	27M 9.000	70M 24.000	—	—	—	2,59	6,91	—	—	2,21	9,50	9,98	0,62	2,90	3,12	2,89	13,54	14,61	3,28	A++	6,10	9,50	545
	35M 12.000	35M 12.000	—	—	—	3,50	3,50	—	—	2,21	7,00	7,88	0,62	2,13	2,76	2,89	9,98	12,93	3,28	A++	6,10	7,00	402
	35M 12.000	53M 18.000	—	—	—	3,40	5,10	—	—	2,21	8,50	9,98	0,62	2,59	2,93	2,89	12,12	13,70	3,28	A++	6,10	8,50	488
	35M 12.000	70M 24.000	—	—	—	3,33	6,67	—	—	2,21	10,00	10,50	0,62	3,09	3,19	2,89	14,44	14,91	3,24	A++	6,10	10,00	574
	53M 18.000	53M 18.000	—	—	—	5,00	5,00	—	—	2,21	10,00	10,50	0,62	3,09	3,25	2,89	14,44	15,22	3,24	A++	6,10	10,00	574
MU1-Y 105M (1x3)	20M 7.000	20M 7.000	20M 7.000	—	—	2,00	2,00	2,00	—	2,84	6,00	7,35	0,78	1,80	2,93	3,65	8,42	13,70	3,33	A++	6,30	6,00	333
	20M 7.000	20M 7.000	27M 9.000	—	—	1,98	1,98	2,54	—	2,84	6,50	7,88	0,78	1,98	3,09	3,65	9,27	14,46	3,28	A++	6,30	6,50	361
	20M 7.000	20M 7.000	35M 12.000	—	—	2,02	2,02	3,46	—	2,84	7,50	8,93	0,78	2,29	3,25	3,65	10,69	15,22	3,28	A++	6,30	7,50	417
	20M 7.000	20M 7.000	53M 18.000	—	—	1,97	1,97	5,06	—	2,84	9,00	11,55	0,78	2,74	3,58	3,65	12,83	16,74	3,28	A++	6,30	9,00	500
	20M 7.000	20M 7.000	70M 24.000	—	—	1,84	1,84	6,32	—	2,84	10,00	11,55	0,78	3,09	3,58	3,65	14,44	16,74	3,24	A++	6,30	10,00	556
	20M 7.000	27M 9.000	27M 9.000	—	—	1,96	2,52	2,52	—	2,84	7,00	8,93	0,78	2,13	3,25	3,65	9,98	15,22	3,28	A++	6,30	7,00	389
	20M 7.000	27M 9.000	35M 12.000	—	—	2,00	2,57	3,43	—	2,84	8,00	9,98	0,78	2,44	3,41	3,65	11,40	15,98	3,28	A++	6,30	8,00	444
	20M 7.000	27M 9.000	53M 18.000	—	—	1,96	2,51	5,03	—	2,84	9,50	11,55	0,78	2,93	3,58	3,65	13,72	16,74	3,24	A++	6,30	9,50	528
	20M 7.000	27M 9.000	70M 24.000	—	—	1,75	2,25	6,00	—	2,84	10,00	11,55	0,78	3,09	3,58	3,65	14,44	16,74	3,24	A++	6,30	10,00	556
	20M 7.000	35M 12.000	35M 12.000	—	—	2,03	3,48	3,48	—	2,84	9,00	10,50	0,78	2,78	3,41	3,65	13,00	15,98	3,24	A++	6,30	9,00	500
	20M 7.000	35M 12.000	53M 18.000	—	—	1,89	3,24	4,86	—	2,84	10,00	11,55	0,78	3,09	3,58	3,65	14,44	16,74	3,24	A++	6,30	10,00	556
	20M 7.000	35M 12.000	70M 24.000	—	—	1,63	2,79	5,58	—	2,84	10,00	11,55	0,78	3,09	3,58	3,65	14,44	16,74	3,24	A++	6,30	10,00	556
	20M 7.000	53M 18.000	53M 18.000	—	—	1,63	4,19	4,19	—	2,84	10,00	11,55	0,78	3,09	3,58	3,65	14,44	16,74	3,24	A++	6,30	10,00	556
	27M 9.000	27M 9.000	27M 9.000	—	—	2,50	2,50	2,50	—	2,84	7,50	9,98	0,78	2,31	3,41	3,65	10,83	15,98	3,24	A++	6,30	7,50	417
	27M 9.000	27M 9.000	35M 12.000	—	—	2,55	2,55	3,40	—	2,84	8,50	10,50	0,78	2,62	3,41	3,65	12,28	15,98	3,24	A++	6,30	8,50	472
	27M 9.000	27M 9.000	53M 18.000	—	—	2,50	2,50	5,00	—	2,84	10,00	11,55	0,78	3,09	3,58	3,65	14,44	16,74	3,24	A++	6,30	10,00	556
	27M 9.000	27M 9.000	70M 24.000	—	—	2,14	2,14	5,71	—	2,84	10,00	11,55	0,78	3,09	3,58	3,65	14,44	16,74	3,24	A++	6,30	10,00	556
	27M 9.000	35M 12.000	35M 12.000	—	—	2,59	3,45	3,45	—	2,84	9,50	11,55	0,78	2,93	3,58	3,65	13,72	16,74	3,24	A++	6,30	9,50	528
	27M 9.000	35M 12.000	53M 18.000	—	—	2,31	3,08	4,62	—	2,84	10,00	11,55	0,78	3,09	3,58	3,65	14,44	16,74	3,24	A++	6,30	10,00	556

COOLING

Notes Pd = Pdesign CEA = Annual Energy Consumption

COMBINATION TABLES

Outdoor unit: MU1-Y 105M (QUADRI)

OUT. UNIT	INDOOR UNIT				HEATING CAPACITY [KW]				TOTAL HEATING CAPACITY [KW]			POWER INPUT [KW]			TOTAL CURRENT [A]			EER	SEASONAL EFFICIENCY (EN14825)			
	A	B	C	D	A	B	C	D	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.		Class	SEER	Pd	CEA [kWh]
MU1-Y 105M (1x3)	27M 9.000	35M 12.000	70M 24.000	—	2,00	2,67	5,33	—	2,84	10,00	11,55	0,78	3,09	3,58	3,65	14,44	16,74	3,24	A++	6,30	10,00	556
	27M 9.000	53M 18.000	53M 18.000	—	2,00	4,00	4,00	—	2,84	10,00	11,55	0,78	3,09	3,58	3,65	14,44	16,74	3,24	A++	6,30	10,00	556
	35M 12.000	35M 12.000	35M 12.000	—	3,33	3,33	3,33	—	2,84	10,00	11,55	0,78	3,09	3,58	3,65	14,44	16,74	3,24	A++	6,30	10,00	556
	35M 12.000	35M 12.000	53M 18.000	—	2,86	2,86	4,29	—	2,84	10,00	11,55	0,78	3,09	3,58	3,65	14,44	16,74	3,24	A++	6,30	10,00	556
	35M 12.000	35M 12.000	70M 24.000	—	2,50	2,50	5,00	—	2,84	10,00	11,55	0,78	3,09	3,58	3,65	14,44	16,74	3,24	A++	6,30	10,00	556
	20M 7.000	20M 7.000	20M 7.000	20M 7.000	2,05	2,05	2,05	2,05	3,68	8,20	10,50	0,88	2,29	3,25	4,11	10,64	15,22	3,58	A++	6,50	8,20	442
MU1-Y 105M (1x4)	20M 7.000	20M 7.000	20M 7.000	27M 9.000	1,98	1,98	1,98	2,55	3,68	8,50	11,55	0,88	2,47	3,41	4,11	11,51	15,98	3,44	A++	6,50	8,50	458
	20M 7.000	20M 7.000	20M 7.000	35M 12.000	2,02	2,02	2,02	3,45	3,68	9,50	12,60	0,88	2,86	3,84	4,11	13,37	17,96	3,32	A++	6,50	9,50	512
	20M 7.000	20M 7.000	20M 7.000	53M 18.000	1,87	1,87	1,87	4,80	3,68	10,40	13,65	0,88	3,22	3,97	4,11	15,07	18,57	3,23	A++	6,50	10,40	560
	20M 7.000	20M 7.000	20M 7.000	70M 24.000	1,63	1,63	1,63	5,60	3,68	10,50	13,65	0,88	3,25	3,97	4,11	15,22	18,57	3,23	A++	6,50	10,50	565
	20M 7.000	20M 7.000	27M 9.000	27M 9.000	1,97	1,97	2,53	2,53	3,68	9,00	12,60	0,88	2,71	3,84	4,11	12,66	17,96	3,32	A++	6,50	9,00	485
	20M 7.000	20M 7.000	27M 9.000	35M 12.000	2,00	2,00	2,57	3,43	3,68	10,00	13,13	0,88	3,09	3,90	4,11	14,44	18,26	3,24	A++	6,50	10,00	538
	20M 7.000	20M 7.000	27M 9.000	53M 18.000	1,79	1,79	2,30	4,61	3,68	10,50	13,65	0,88	3,25	3,97	4,11	15,22	18,57	3,23	A++	6,50	10,50	565
	20M 7.000	20M 7.000	27M 9.000	70M 24.000	1,56	1,56	2,01	5,36	3,68	10,50	13,65	0,88	3,25	3,97	4,11	15,22	18,57	3,23	A++	6,50	10,50	565
	20M 7.000	20M 7.000	35M 12.000	35M 12.000	1,93	1,93	3,32	3,32	3,68	10,50	13,65	0,88	3,25	3,97	4,11	15,22	18,57	3,23	A++	6,50	10,50	565
	20M 7.000	20M 7.000	35M 12.000	53M 18.000	1,67	1,67	2,86	4,30	3,68	10,50	13,65	0,88	3,25	3,97	4,11	15,22	18,57	3,23	A++	6,50	10,50	565
	20M 7.000	20M 7.000	53M 18.000	53M 18.000	1,47	1,47	3,78	3,78	3,68	10,50	13,65	0,88	3,25	3,97	4,11	15,22	18,57	3,23	A++	6,50	10,50	565
	20M 7.000	20M 7.000	27M 9.000	27M 9.000	1,96	2,51	2,51	2,51	3,68	9,50	13,13	0,88	2,92	3,84	4,11	13,68	17,96	3,25	A++	6,50	9,50	512
	20M 7.000	27M 9.000	27M 9.000	35M 12.000	1,99	2,55	2,55	3,41	3,68	10,50	13,65	0,88	3,25	3,97	4,11	15,22	18,57	3,23	A++	6,50	10,50	565
	20M 7.000	27M 9.000	27M 9.000	53M 18.000	1,71	2,20	2,20	4,40	3,68	10,50	13,65	0,88	3,25	3,97	4,11	15,22	18,57	3,23	A++	6,50	10,50	565
	20M 7.000	27M 9.000	27M 9.000	70M 24.000	1,50	1,93	1,93	5,14	3,68	10,50	13,65	0,88	3,25	3,97	4,11	15,22	18,57	3,23	A++	6,50	10,50	565
	20M 7.000	27M 9.000	35M 12.000	35M 12.000	1,84	2,36	3,15	3,15	3,68	10,50	13,65	0,88	3,25	3,97	4,11	15,22	18,57	3,23	A++	6,50	10,50	565
	20M 7.000	27M 9.000	35M 12.000	53M 18.000	1,60	2,05	2,74	4,11	3,68	10,50	13,65	0,88	3,25	3,97	4,11	15,22	18,57	3,23	A++	6,50	10,50	565
	20M 7.000	27M 9.000	53M 18.000	53M 18.000	1,41	1,82	3,63	3,63	3,68	10,50	13,65	0,88	3,25	3,97	4,11	15,22	18,57	3,23	A++	6,50	10,50	565
	20M 7.000	35M 12.000	35M 12.000	35M 12.000	1,71	2,93	2,93	2,93	3,68	10,50	13,65	0,88	3,25	3,97	4,11	15,22	18,57	3,23	A++	6,50	10,50	565
	20M 7.000	35M 12.000	35M 12.000	53M 18.000	1,50	2,57	2,57	3,86	3,68	10,50	13,65	0,88	3,25	3,97	4,11	15,22	18,57	3,23	A++	6,50	10,50	565
	27M 9.000	27M 9.000	27M 9.000	27M 9.000	2,63	2,63	2,63	2,63	3,68	10,50	13,65	0,88	3,25	3,97	4,11	15,22	18,57	3,23	A++	6,50	10,50	565
	27M 9.000	27M 9.000	27M 9.000	35M 12.000	2,42	2,42	2,42	3,23	3,68	10,50	13,65	0,88	3,25	3,97	4,11	15,22	18,57	3,23	A++	6,50	10,50	565
	27M 9.000	27M 9.000	27M 9.000	53M 18.000	2,10	2,10	2,10	4,20	3,68	10,50	13,65	0,88	3,25	3,97	4,11	15,22	18,57	3,23	A++	6,50	10,50	565
	27M 9.000	27M 9.000	35M 12.000	35M 12.000	2,25	2,25	3,00	3,00	3,68	10,50	13,65	0,88	3,25	3,97	4,11	15,22	18,57	3,23	A++	6,50	10,50	565
	27M 9.000	27M 9.000	35M 12.000	53M 18.000	1,97	1,97	2,63	3,94	3,68	10,50	13,65	0,88	3,25	3,97	4,11	15,22	18,57	3,23	A++	6,50	10,50	565
	27M 9.000	35M 12.000	35M 12.000	35M 12.000	2,10	2,80	2,80	2,80	3,68	10,50	13,65	0,88	3,25	3,97	4,11	15,22	18,57	3,23	A++	6,50	10,50	565
	27M 9.000	35M 12.000	35M 12.000	53M 18.000	1,85	2,47	2,47	3,71	3,68	10,50	13,65	0,88	3,25	3,97	4,11	15,22	18,57	3,23	A++	6,50	10,50	565
	35M 12.000	35M 12.000	35M 12.000	35M 12.000	2,63	2,63	2,63	2,63	3,68	10,50	13,65	0,88	3,25	3,97	4,11	15,22	18,57	3,23	A++	6,50	10,50	565

COOLING

MULTISplit

COMBINATION TABLES

Outdoor unit: MU1-Y 125M (PENTA)

MULTISplit

HEATING	OUT. UNIT	INDOOR UNIT				HEATING CAPACITY [KW]				TOTAL HEATING CAPACITY . [KW]			POWER INPUT [KW]			TOTAL CURRENT [A]			COP	SEASONAL EFFICIENCY (EN14825)			
		A	B	C	D	A	B	C	D	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.			Class	SCOP	Pd
MU1-Y 105M (1x1)	20M 7.000	—	—	—	2,50	—	—	—	1,67	2,50	2,90	0,45	0,67	0,84	1,96	3,00	3,75	3,71	—	—	—	—	
	27M 9.000	—	—	—	3,00	—	—	—	1,67	3,00	3,20	0,45	0,81	1,01	1,96	3,60	4,50	3,71	—	—	—	—	
	35M 12.000	—	—	—	3,80	—	—	—	1,67	3,80	3,90	0,45	1,02	1,23	1,96	4,56	5,48	3,71	—	—	—	—	
	53M 18.000	—	—	—	5,20	—	—	—	1,89	5,20	7,00	0,55	1,40	1,61	2,39	6,74	7,76	3,71	—	—	—	—	
	70M 24.000	—	—	—	7,20	—	—	—	1,89	7,20	8,00	0,58	1,94	2,23	2,52	8,79	10,11	3,71	—	—	—	—	
	20M 7.000	20M 7.000	—	—	2,50	2,50	—	—	2,33	5,00	6,66	0,57	1,35	1,94	2,51	5,99	8,57	3,71	A	3,50	4,34	1736	
MU1-Y 105M (1x2)	20M 7.000	27M 9.000	—	—	2,45	3,15	—	—	2,33	5,60	6,88	0,57	1,51	2,09	2,51	6,71	9,23	3,71	A	3,50	3,88	1550	
	20M 7.000	35M 12.000	—	—	2,21	3,79	—	—	2,33	6,00	7,22	0,57	1,62	2,24	2,51	7,19	9,89	3,71	A	3,50	4,34	1736	
	20M 7.000	53M 18.000	—	—	2,24	5,76	—	—	2,33	8,00	8,88	0,57	2,16	2,63	2,51	9,61	11,60	3,71	A	3,40	4,65	1915	
	20M 7.000	70M 24.000	—	—	2,17	7,43	—	—	2,33	9,60	10,77	0,57	2,59	2,81	2,51	11,53	12,39	3,71	A	3,40	4,65	1915	
	27M 9.000	27M 9.000	—	—	3,00	3,00	—	—	2,33	6,00	7,22	0,57	1,62	2,24	2,51	7,19	9,89	3,71	A	3,50	6,20	2480	
	27M 9.000	35M 12.000	—	—	3,00	4,00	—	—	2,33	7,00	7,77	0,57	1,89	2,39	2,51	8,38	10,55	3,71	A	3,50	4,65	1860	
	27M 9.000	53M 18.000	—	—	2,93	5,87	—	—	2,33	8,80	9,99	0,57	2,37	2,69	2,51	10,57	11,87	3,71	A	3,40	5,43	2234	
	27M 9.000	70M 24.000	—	—	2,67	7,13	—	—	2,33	9,80	10,66	0,57	2,64	2,84	2,51	11,77	12,53	3,71	A	3,40	4,65	1915	
	35M 12.000	35M 12.000	—	—	3,75	3,75	—	—	2,33	7,50	8,33	0,57	2,02	2,54	2,51	9,01	11,21	3,71	A	3,50	6,82	2728	
	35M 12.000	53M 18.000	—	—	3,76	5,64	—	—	2,33	9,40	10,55	0,57	2,53	2,69	2,51	11,29	11,87	3,71	A	3,40	5,81	2393	
	35M 12.000	70M 24.000	—	—	3,33	6,67	—	—	2,33	10,00	10,88	0,57	2,70	2,93	2,51	12,01	12,92	3,71	A	3,40	4,65	1915	
	53M 18.000	53M 18.000	—	—	5,05	5,05	—	—	2,33	10,10	11,10	0,57	2,72	2,99	2,51	12,16	13,19	3,71	A	3,60	7,29	2833	
	MU1-Y 105M (1x3)	20M 7.000	20M 7.000	20M 7.000	—	2,50	2,50	2,50	—	3,00	7,50	7,77	0,72	2,02	2,69	3,16	8,93	11,87	3,71	A	3,60	8,53	3315
20M 7.000		20M 7.000	27M 9.000	—	2,37	2,37	3,05	—	3,00	7,80	8,33	0,72	2,10	2,84	3,16	9,29	12,53	3,71	A	3,60	5,81	2260	
20M 7.000		20M 7.000	35M 12.000	—	2,29	2,29	3,92	—	3,00	8,50	9,44	0,72	2,29	2,99	3,16	10,13	13,19	3,71	A	3,60	6,05	2351	
20M 7.000		20M 7.000	53M 18.000	—	2,34	2,34	6,02	—	3,00	10,70	12,21	0,72	2,88	3,29	3,16	12,82	14,50	3,71	A	3,60	6,59	2562	
20M 7.000		20M 7.000	70M 24.000	—	1,97	1,97	6,76	—	3,00	10,70	12,21	0,72	2,88	3,29	3,16	12,82	14,50	3,71	A	3,60	6,59	2562	
20M 7.000		27M 9.000	27M 9.000	—	2,38	3,06	3,06	—	3,00	8,50	9,44	0,72	2,29	2,99	3,16	10,13	13,19	3,71	A	3,60	8,91	3466	
20M 7.000		27M 9.000	35M 12.000	—	2,50	3,21	4,29	—	3,00	10,00	10,55	0,72	2,70	3,14	3,16	11,91	13,85	3,71	A	3,60	6,59	2562	
20M 7.000		27M 9.000	53M 18.000	—	2,20	2,83	5,66	—	3,00	10,70	12,21	0,72	2,88	3,29	3,16	12,82	14,50	3,71	A	3,60	7,75	3014	
20M 7.000		27M 9.000	70M 24.000	—	1,87	2,41	6,42	—	3,00	10,70	12,21	0,72	2,88	3,29	3,16	12,82	14,50	3,71	A	3,60	7,75	3014	
20M 7.000		35M 12.000	35M 12.000	—	2,28	3,91	3,91	—	3,00	10,10	11,10	0,72	2,72	3,14	3,16	12,10	13,85	3,71	A	3,60	8,91	3466	
20M 7.000		35M 12.000	53M 18.000	—	2,02	3,47	5,21	—	3,00	10,70	12,21	0,72	2,88	3,29	3,16	12,85	14,50	3,71	A	3,60	8,53	3315	
20M 7.000		35M 12.000	70M 24.000	—	1,74	2,99	5,97	—	3,00	10,70	12,21	0,72	2,88	3,29	3,16	12,85	14,50	3,71	A	3,60	8,53	3315	
20M 7.000		53M 18.000	53M 18.000	—	1,74	4,48	4,48	—	3,00	10,70	12,21	0,72	2,88	3,29	3,16	12,89	14,50	3,71	A	3,60	8,91	3466	
27M 9.000		27M 9.000	27M 9.000	—	3,33	3,33	3,33	—	3,00	10,00	10,55	0,72	2,70	3,14	3,16	11,98	13,85	3,71	A	3,60	8,91	3466	
27M 9.000		27M 9.000	35M 12.000	—	3,03	3,03	4,04	—	3,00	10,10	11,10	0,72	2,72	3,14	3,16	12,10	13,85	3,71	A	3,60	7,75	3014	
27M 9.000		27M 9.000	53M 18.000	—	2,68	2,68	5,35	—	3,00	10,70	12,21	0,72	2,88	3,29	3,16	12,89	14,50	3,71	A	3,60	8,53	3315	
27M 9.000		27M 9.000	70M 24.000	—	2,29	2,29	6,11	—	2,73	10,70	11,11	0,63	2,88	2,90	2,79	12,85	12,78	3,71	A	3,60	8,53	3315	
27M 9.000		35M 12.000	35M 12.000	—	2,92	3,89	3,89	—	3,00	10,70	12,21	0,72	2,88	3,29	3,16	12,82	14,50	3,71	A	3,60	8,91	3466	
27M 9.000		35M 12.000	53M 18.000	—	2,47	3,29	4,94	—	3,00	10,70	12,21	0,72	2,88	3,29	3,16	12,85	14,50	3,71	A	3,60	8,91	3466	

Notes Pd = Pdesign CEA = Annual Energy Consumption

COMBINATION TABLES

Outdoor unit: MU1-Y 105M (QUADRI)

HEATING	OUTDOOR UNIT	INDOOR UNIT				HEATING CAPACITY [KW]				TOTAL HEATING CAPACITY [KW]			POWER INPUT [KW]			TOTAL CURRENT [A]			COP	SEASONAL EFFICIENCY (EN14825)			
		A	B	C	D	A	B	C	D	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.		Class	SCOP	Pd	CEA [kWh]
MU1-Y 105M (1x3)	27M 9.000	35M 12.000	70M 24.000	—	2,14	2,85	5,71	—	3,00	10,70	12,21	0,72	2,88	3,29	3,16	12,85	14,50	3,71	A	3,60	8,91	3466	
	27M 9.000	53M 18.000	53M 18.000	—	2,14	4,28	4,28	—	3,00	10,70	12,21	0,72	2,88	3,29	3,16	12,89	14,50	3,71	A	3,60	8,91	3466	
	35M 12.000	35M 12.000	35M 12.000	—	3,57	3,57	3,57	—	3,00	10,70	12,21	0,72	2,88	3,29	3,16	12,82	14,50	3,71	A	3,60	8,91	3466	
	35M 12.000	35M 12.000	53M 18.000	—	3,06	3,06	4,59	—	3,00	10,70	12,21	0,72	2,88	3,29	3,16	12,85	14,50	3,71	A	3,60	8,91	3466	
	35M 12.000	35M 12.000	70M 24.000	—	2,68	2,68	5,35	—	3,00	10,70	12,21	0,72	2,88	3,29	3,16	12,85	14,50	3,71	A	3,60	8,91	3466	
	35M 12.000	53M 18.000	53M 18.000	—	2,68	4,01	4,01	—	3,00	10,70	12,21	0,72	2,88	3,29	3,16	12,85	14,50	3,71	A	3,60	8,91	3466	
	20M 7.000	20M 7.000	20M 7.000	20M 7.000	2,50	2,50	2,50	2,50	3,89	10,00	11,10	0,81	2,56	2,99	3,56	11,26	13,19	3,91	A+	4,00	8,91	3119	
	20M 7.000	20M 7.000	20M 7.000	27M 9.000	2,36	2,36	2,36	3,03	3,89	10,10	11,66	0,81	2,64	3,14	3,56	11,62	13,85	3,83	A+	4,00	7,75	2713	
	20M 7.000	20M 7.000	20M 7.000	35M 12.000	2,31	2,31	2,31	3,96	3,89	10,90	12,21	0,81	2,90	3,29	3,56	12,77	14,50	3,76	A+	4,00	8,53	2984	
MU1-Y 105M (1x4)	20M 7.000	20M 7.000	20M 7.000	53M 18.000	1,99	1,99	1,99	5,12	3,89	11,10	13,32	0,81	2,98	3,89	3,56	13,11	17,14	3,73	A+	4,00	9,15	3201	
	20M 7.000	20M 7.000	20M 7.000	70M 24.000	1,73	1,73	1,73	5,92	3,89	11,10	13,32	0,81	2,98	3,89	3,56	13,11	17,14	3,73	A+	4,00	9,15	3201	
	20M 7.000	20M 7.000	27M 9.000	27M 9.000	2,38	2,38	3,07	3,07	3,89	10,90	12,21	0,81	2,90	3,29	3,56	12,77	14,50	3,76	A+	4,00	9,20	3220	
	20M 7.000	20M 7.000	27M 9.000	35M 12.000	2,22	2,22	2,85	3,81	3,89	11,10	12,77	0,81	2,95	3,59	3,56	13,01	15,82	3,76	A+	4,00	9,15	3201	
	20M 7.000	20M 7.000	27M 9.000	53M 18.000	1,90	1,90	2,44	4,87	3,89	11,10	13,32	0,81	2,99	3,89	3,56	13,19	17,14	3,71	A+	4,00	9,20	3220	
	20M 7.000	20M 7.000	27M 9.000	70M 24.000	1,65	1,65	2,13	5,67	3,89	11,10	13,32	0,81	2,99	3,89	3,56	13,19	17,14	3,71	A+	4,00	9,20	3220	
	20M 7.000	20M 7.000	35M 12.000	35M 12.000	2,04	2,04	3,51	3,51	3,89	11,10	13,32	0,81	2,98	3,89	3,56	13,11	17,14	3,73	A+	4,00	9,20	3220	
	20M 7.000	20M 7.000	35M 12.000	53M 18.000	1,77	1,77	3,03	4,54	3,89	11,10	13,32	0,81	2,99	3,89	3,56	13,22	17,14	3,71	A+	4,00	9,20	3220	
	20M 7.000	20M 7.000	53M 18.000	53M 18.000	1,55	1,55	4,00	4,00	3,89	11,10	13,32	0,81	2,99	3,89	3,56	13,22	17,14	3,71	A+	4,00	9,20	3220	
	20M 7.000	27M 9.000	27M 9.000	27M 9.000	2,29	2,94	2,94	2,94	3,89	11,10	12,77	0,81	2,95	3,44	3,56	13,01	15,16	3,76	A+	4,00	9,20	3220	
	20M 7.000	27M 9.000	27M 9.000	35M 12.000	2,10	2,70	2,70	3,60	3,89	11,10	13,32	0,81	2,99	3,89	3,56	13,22	17,14	3,71	A+	4,00	9,20	3220	
	20M 7.000	27M 9.000	27M 9.000	53M 18.000	1,81	2,32	2,32	4,65	3,89	11,10	13,32	0,81	2,99	3,89	3,56	13,19	17,14	3,71	A+	4,00	9,20	3220	
	20M 7.000	27M 9.000	27M 9.000	70M 24.000	1,59	2,04	2,04	5,44	3,89	11,10	13,32	0,81	2,99	3,89	3,56	13,19	17,14	3,71	A+	4,00	9,20	3220	
	20M 7.000	27M 9.000	35M 12.000	35M 12.000	1,94	2,50	3,33	3,33	3,89	11,10	13,32	0,81	2,99	3,89	3,56	13,22	17,14	3,71	A+	4,00	9,20	3220	
	20M 7.000	27M 9.000	35M 12.000	53M 18.000	1,69	2,17	2,90	4,34	3,89	11,10	13,32	0,81	2,99	3,89	3,56	13,19	17,14	3,71	A+	4,00	9,20	3220	
	20M 7.000	27M 9.000	53M 18.000	53M 18.000	1,49	1,92	3,84	3,84	3,89	11,10	13,32	0,81	2,99	3,89	3,56	13,19	17,14	3,71	A+	4,00	9,20	3220	
	20M 7.000	35M 12.000	35M 12.000	35M 12.000	1,81	3,10	3,10	3,10	3,89	11,10	13,32	0,81	2,99	3,89	3,56	13,19	17,14	3,71	A+	4,00	9,20	3220	
	20M 7.000	35M 12.000	35M 12.000	53M 18.000	1,59	2,72	2,72	4,08	3,89	11,10	13,32	0,81	2,99	3,89	3,56	13,19	17,14	3,71	A+	4,00	9,20	3220	
	27M 9.000	27M 9.000	27M 9.000	27M 9.000	2,78	2,78	2,78	2,78	3,89	11,10	13,32	0,81	2,99	3,89	3,56	13,19	17,14	3,71	A+	4,00	9,20	3220	
	27M 9.000	27M 9.000	27M 9.000	35M 12.000	2,56	2,56	2,56	3,42	3,89	11,10	13,32	0,81	2,99	3,89	3,56	13,19	17,14	3,71	A+	4,00	9,20	3220	
	27M 9.000	27M 9.000	27M 9.000	53M 18.000	2,22	2,22	2,22	4,44	3,89	11,10	13,32	0,81	2,99	3,89	3,56	13,19	17,14	3,71	A+	4,00	9,20	3220	
	27M 9.000	27M 9.000	35M 12.000	35M 12.000	2,38	2,38	3,17	3,17	3,89	11,10	13,32	0,81	2,99	3,89	3,56	13,19	17,14	3,71	A+	4,00	9,20	3220	
	27M 9.000	27M 9.000	35M 12.000	53M 18.000	2,08	2,08	2,78	4,16	3,89	11,10	13,32	0,81	2,99	3,89	3,56	13,19	17,14	3,71	A+	4,00	9,20	3220	
	27M 9.000	35M 12.000	35M 12.000	35M 12.000	2,22	2,96	2,96	2,96	3,89	11,10	13,32	0,81	2,99	3,89	3,56	13,19	17,14	3,71	A+	4,00	9,20	3220	
	27M 9.000	35M 12.000	35M 12.000	53M 18.000	1,96	2,61	2,61	3,92	3,89	11,10	13,32	0,81	2,99	3,89	3,56	13,19	17,14	3,71	A+	4,00	9,20	3220	
	35M 12.000	35M 12.000	35M 12.000	35M 12.000	2,78	2,78	2,78	2,78	3,89	11,10	13,32	0,81	2,99	3,89	3,56	13,19	17,14	3,71	A+	4,00	9,20	3220	

Notes Pd = Pdesign CEA = Annual Energy Consumption

COMBINATION TABLES

Outdoor unit: MU1-Y 125M (PENTA)

MULTISplit

OUT. UNIT	INDOOR UNIT					COOLING CAPACITY [KW]					TOTAL COOLING CAPACITY [KW]			POWER INPUT [KW]			TOTAL CURRENT [A]			EER	SEASONAL EFFICIENCY (EN14825)			
	A	B	C	D	E	A	B	C	D	E	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.		Class	SEER	Pd	CEA [kWh]
MU1-Y 125M (1x1)	20M 7.000	—	—	—	—	2,00	—	—	—	—	1,66	2,00	2,90	0,45	0,62	0,77	1,96	2,70	3,38	3,23	—	—	—	—
	27M 9.000	—	—	—	—	2,50	—	—	—	—	1,66	2,50	3,20	0,45	0,77	0,97	1,96	3,38	4,22	3,23	—	—	—	—
	35M 12.000	—	—	—	—	3,50	—	—	—	—	1,66	3,50	3,90	0,45	1,08	1,30	1,96	4,73	5,67	3,23	—	—	—	—
	53M 18.000	—	—	—	—	5,00	—	—	—	—	1,85	5,00	6,50	0,58	1,55	1,78	2,52	6,77	7,79	3,23	—	—	—	—
	70M 24.000	—	—	—	—	7,00	—	—	—	—	2,09	7,00	8,20	0,70	2,17	2,28	3,04	9,48	9,96	3,23	—	—	—	—
MU1-Y 125M (1x2)	20M 7.000	20M 7.000	—	—	—	2,10	2,10	—	—	—	2,34	4,20	7,38	0,65	1,30	2,20	2,81	5,65	9,57	3,23	A+	5,60	4,20	263
	20M 7.000	27M 9.000	—	—	—	2,06	2,64	—	—	—	2,34	4,70	7,63	0,65	1,46	2,35	2,81	6,33	10,23	3,23	A+	5,60	4,70	294
	20M 7.000	35M 12.000	—	—	—	2,03	3,47	—	—	—	2,34	5,50	8,00	0,65	1,70	2,54	2,81	7,40	11,06	3,23	A+	5,60	5,50	344
	20M 7.000	53M 18.000	—	—	—	1,96	5,04	—	—	—	2,34	7,00	9,84	0,65	2,17	2,70	2,81	9,42	11,72	3,23	A+	5,60	7,00	438
	20M 7.000	70M 24.000	—	—	—	2,05	7,05	—	—	—	2,34	9,10	11,69	0,65	2,82	3,04	2,81	12,33	13,20	3,23	A+	5,60	9,10	569
	27M 9.000	27M 9.000	—	—	—	2,65	2,65	—	—	—	2,34	5,30	8,00	0,65	1,64	2,54	2,81	7,13	11,06	3,23	A+	5,60	5,30	331
	27M 9.000	35M 12.000	—	—	—	2,57	3,43	—	—	—	2,34	6,00	8,61	0,65	1,86	2,58	2,81	8,08	11,22	3,23	A+	5,60	6,00	375
	27M 9.000	53M 18.000	—	—	—	2,50	5,00	—	—	—	2,34	7,50	11,07	0,65	2,32	2,85	2,81	10,16	12,38	3,23	A+	5,60	7,50	469
	27M 9.000	70M 24.000	—	—	—	2,65	7,05	—	—	—	2,34	9,70	12,30	0,65	3,00	3,23	2,81	13,14	14,03	3,23	A+	5,60	9,70	606
	35M 12.000	35M 12.000	—	—	—	3,50	3,50	—	—	—	2,34	7,00	9,23	0,65	2,17	2,70	2,81	9,42	11,72	3,23	A+	5,60	7,00	438
	35M 12.000	53M 18.000	—	—	—	3,40	5,10	—	—	—	2,34	8,50	11,69	0,65	2,63	3,11	2,81	11,51	13,53	3,23	A+	5,60	8,50	531
	35M 12.000	70M 24.000	—	—	—	3,33	6,67	—	—	—	2,34	10,00	12,30	0,65	3,10	3,42	2,81	13,54	14,86	3,23	A+	5,60	10,00	625
	53M 18.000	53M 18.000	—	—	—	5,25	5,25	—	—	—	2,34	10,50	12,30	0,65	3,25	3,42	2,81	14,22	14,86	3,23	A+	5,60	10,50	656
	53M 18.000	70M 24.000	—	—	—	4,93	6,57	—	—	—	2,34	11,50	12,50	0,65	3,56	3,42	2,81	15,58	14,86	3,23	A+	5,60	11,50	719
MU1-Y 125M (1x3)	20M 7.000	20M 7.000	20M 7.000	—	—	2,00	2,00	2,00	—	—	2,89	6,00	7,38	0,80	1,85	3,04	3,47	8,03	13,20	3,25	A+	5,80	6,00	362
	20M 7.000	20M 7.000	27M 9.000	—	—	1,98	1,98	2,54	—	—	2,89	6,50	8,61	0,80	2,00	3,23	3,47	8,70	14,03	3,25	A+	5,80	6,50	392
	20M 7.000	20M 7.000	35M 12.000	—	—	2,02	2,02	3,46	—	—	2,89	7,50	9,23	0,80	2,31	3,42	3,47	10,03	14,86	3,25	A+	5,80	7,50	453
	20M 7.000	20M 7.000	53M 18.000	—	—	1,97	1,97	5,06	—	—	2,89	9,00	11,07	0,80	2,78	3,61	3,47	12,08	15,68	3,24	A+	5,80	9,00	543
	20M 7.000	20M 7.000	70M 24.000	—	—	2,03	2,03	6,95	—	—	2,89	11,00	12,92	0,80	3,41	3,80	3,47	14,85	16,51	3,23	A+	5,80	11,00	664
	20M 7.000	27M 9.000	27M 9.000	—	—	1,96	2,52	2,52	—	—	2,89	7,00	9,23	0,80	2,15	3,34	3,47	9,36	14,52	3,25	A+	5,80	7,00	422
	20M 7.000	27M 9.000	35M 12.000	—	—	2,00	2,57	3,43	—	—	2,89	8,00	10,46	0,80	2,46	3,49	3,47	10,70	15,19	3,25	A+	5,80	8,00	483
	20M 7.000	27M 9.000	53M 18.000	—	—	1,96	2,51	5,03	—	—	2,89	9,50	11,07	0,80	2,93	3,72	3,47	12,75	16,18	3,24	A+	5,80	9,50	573
	20M 7.000	27M 9.000	70M 24.000	—	—	2,01	2,59	6,90	—	—	2,89	11,50	12,92	0,80	3,56	3,95	3,47	15,53	17,17	3,23	A+	5,80	11,50	694
	20M 7.000	35M 12.000	35M 12.000	—	—	2,03	3,48	3,48	—	—	2,89	9,00	11,07	0,80	2,78	3,61	3,47	12,08	15,68	3,24	A+	5,80	9,00	543
	20M 7.000	35M 12.000	53M 18.000	—	—	1,99	3,41	5,11	—	—	2,89	10,50	12,30	0,80	3,25	3,80	3,47	14,18	16,51	3,23	A+	5,80	10,50	634
	20M 7.000	35M 12.000	70M 24.000	—	—	1,87	3,21	6,42	—	—	2,89	11,50	12,92	0,80	3,56	3,95	3,47	15,53	17,17	3,23	A+	5,80	11,50	694
	20M 7.000	53M 18.000	53M 18.000	—	—	1,87	4,81	4,81	—	—	2,89	11,50	12,92	0,80	3,56	3,95	3,47	15,53	17,17	3,23	A+	5,80	11,50	694
	27M 9.000	27M 9.000	27M 9.000	—	—	2,67	2,67	2,67	—	—	2,89	8,00	10,46	0,80	2,46	3,80	3,47	10,70	16,51	3,25	A+	5,80	8,00	483
	27M 9.000	27M 9.000	35M 12.000	—	—	2,70	2,70	3,60	—	—	2,89	9,00	12,92	0,80	2,78	3,61	3,47	12,08	15,68	3,24	A+	5,80	9,00	543
	27M 9.000	27M 9.000	53M 18.000	—	—	2,63	2,63	5,25	—	—	2,89	10,50	12,30	0,80	3,25	3,80	3,47	14,18	16,51	3,23	A+	5,80	10,50	634
	27M 9.000	27M 9.000	70M 24.000	—	—	2,46	2,46	6,57	—	—	2,89	11,50	12,92	0,80	3,56	3,95	3,47	15,53	17,17	3,23	A+	5,80	11,50	694

Note: Pd = Pdesign

CEA = Consumo Energetico Annuo

COMBINATION TABLES

Outdoor unit: MU1-Y 125M (PENTA)

OUT. UNIT	INDOOR UNIT				COOLING CAPACITY [kW]						TOTAL COOLING CAPACITY [kW]			POWER INPUT [kW]			TOTAL CURRENT [A]			EER	SEASONAL EFFICIENCY (EN14825)			
	A	B	C	D		A	B	C	D	E	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.		Class	SEER	Pd	CEA [kWh]
MU1-Y 125M (1x3)	27M 9.000	35M 12.000	35M 12.000	—	—	2,45	3,27	3,27	—	—	2,89	9,00	11,07	0,80	2,78	3,61	3,47	12,08	15,68	3,24	A+	5,80	9,00	543
	27M 9.000	35M 12.000	53M 18.000	—	—	2,54	3,38	5,08	—	—	2,89	11,00	11,69	0,80	3,41	3,80	3,47	14,85	16,51	3,23	A+	5,80	11,00	664
	27M 9.000	35M 12.000	70M 24.000	—	—	2,30	3,07	6,13	—	—	2,89	11,50	12,92	0,80	3,56	3,95	3,47	15,53	17,17	3,23	A+	5,80	11,50	694
	27M 9.000	53M 18.000	53M 18.000	—	—	2,40	4,80	4,80	—	—	2,89	12,00	12,92	0,80	3,72	3,95	3,47	16,25	17,17	3,23	A+	5,80	12,00	724
	35M 12.000	35M 12.000	35M 12.000	—	—	3,17	3,17	3,17	—	—	2,89	9,50	11,07	0,80	2,93	3,72	3,47	12,75	16,18	3,24	A+	5,80	9,50	573
	35M 12.000	35M 12.000	53M 18.000	—	—	3,29	3,29	4,93	—	—	2,89	11,50	12,92	0,80	3,56	3,95	3,47	15,53	17,17	3,23	A+	5,80	11,50	694
	35M 12.000	35M 12.000	70M 24.000	—	—	3,00	3,00	6,00	—	—	2,89	12,00	12,92	0,80	3,72	3,95	3,47	16,25	17,17	3,23	A+	5,80	12,00	724
	35M 12.000	53M 18.000	53M 18.000	—	—	3,00	4,50	4,50	—	—	2,89	12,00	12,92	0,80	3,72	3,95	3,47	16,25	17,17	3,23	A+	5,80	12,00	724
	35M 12.000	53M 18.000	70M 24.000	—	—	2,67	4,00	5,33	—	—	2,89	12,00	12,92	0,80	3,72	3,95	3,47	16,25	17,17	3,23	A+	5,80	12,00	724
	53M 18.000	53M 18.000	53M 18.000	—	—	4,00	4,00	4,00	—	—	2,89	12,00	12,92	0,80	3,72	3,95	3,47	16,25	17,17	3,23	A+	5,80	12,00	724
MU1-Y 125M (1x4)	20M 7.000	20M 7.000	20M 7.000	20M 7.000	—	2,00	2,00	2,00	2,00	—	3,69	8,00	10,50	0,91	2,45	3,42	3,96	10,67	14,86	3,26	A++	6,10	8,00	459
	20M 7.000	20M 7.000	20M 7.000	27M 9.000	—	1,98	1,98	1,98	2,55	—	3,69	8,50	11,07	0,91	2,61	3,61	3,96	11,34	15,68	3,26	A++	6,10	8,50	488
	20M 7.000	20M 7.000	20M 7.000	35M 12.000	—	2,02	2,02	2,02	3,45	—	3,69	9,50	11,69	0,91	2,92	3,72	3,96	12,71	16,18	3,25	A++	6,10	9,50	545
	20M 7.000	20M 7.000	20M 7.000	53M 18.000	—	2,06	2,06	2,06	5,31	—	3,69	11,50	12,30	0,91	3,56	4,18	3,96	15,53	18,16	3,23	A++	6,10	11,50	660
	20M 7.000	20M 7.000	20M 7.000	70M 24.000	—	1,87	1,87	1,87	6,40	—	3,69	12,00	13,53	0,91	3,72	4,37	3,96	16,25	18,98	3,23	A++	6,10	12,00	689
	20M 7.000	20M 7.000	27M 9.000	27M 9.000	—	2,08	2,08	2,67	2,67	—	3,69	9,50	11,69	0,91	2,92	3,72	3,96	12,71	16,18	3,25	A++	6,10	9,50	545
	20M 7.000	20M 7.000	27M 9.000	35M 12.000	—	2,00	2,00	2,57	3,43	—	3,69	10,00	12,30	0,91	3,08	4,18	3,96	13,38	18,16	3,25	A++	6,10	10,00	574
	20M 7.000	20M 7.000	27M 9.000	53M 18.000	—	1,96	1,96	2,52	5,05	—	3,69	11,50	12,30	0,91	3,56	4,18	3,96	15,53	18,16	3,23	A++	6,10	11,50	660
	20M 7.000	20M 7.000	27M 9.000	70M 24.000	—	1,79	1,79	2,30	6,13	—	3,69	12,00	13,53	0,91	3,72	4,37	3,96	16,25	18,98	3,23	A++	6,10	12,00	689
	20M 7.000	20M 7.000	35M 12.000	35M 12.000	—	1,93	1,93	3,32	3,32	—	3,69	10,50	12,92	0,91	3,25	4,18	3,96	14,13	18,16	3,23	A++	6,10	10,50	602
	20M 7.000	20M 7.000	35M 12.000	53M 18.000	—	1,83	1,83	3,14	4,70	—	3,69	11,50	13,53	0,91	3,56	4,18	3,96	15,53	18,16	3,23	A++	6,10	11,50	660
	20M 7.000	20M 7.000	35M 12.000	70M 24.000	—	1,72	1,72	2,95	5,90	—	3,69	12,30	13,53	0,91	3,81	4,37	3,96	16,66	18,98	3,23	A++	6,10	12,30	706
	20M 7.000	20M 7.000	53M 18.000	53M 18.000	—	1,72	1,72	4,43	4,43	—	3,69	12,30	13,53	0,91	3,81	4,37	3,96	16,66	18,98	3,23	A++	6,10	12,30	706
	20M 7.000	20M 7.000	53M 18.000	70M 24.000	—	1,54	1,54	3,95	5,27	—	3,69	12,30	13,53	0,91	3,81	4,37	3,96	16,66	18,98	3,23	A++	6,10	12,30	706
	20M 7.000	27M 9.000	27M 9.000	27M 9.000	—	2,06	2,65	2,65	2,65	—	3,69	10,00	12,30	0,91	3,08	4,18	3,96	13,38	18,16	3,25	A++	6,10	10,00	574
	20M 7.000	27M 9.000	27M 9.000	35M 12.000	—	1,99	2,55	2,55	3,41	—	3,69	10,50	12,92	0,91	3,25	4,18	3,96	14,13	18,16	3,23	A++	6,10	10,50	602
	20M 7.000	27M 9.000	27M 9.000	53M 18.000	—	1,87	2,41	2,41	4,81	—	3,69	11,50	13,53	0,91	3,56	4,18	3,96	15,53	18,16	3,23	A++	6,10	11,50	660
	20M 7.000	27M 9.000	27M 9.000	70M 24.000	—	1,76	2,26	2,26	6,02	—	3,69	12,30	13,53	0,91	3,81	4,37	3,96	16,66	18,98	3,23	A++	6,10	12,30	706
	20M 7.000	27M 9.000	35M 12.000	35M 12.000	—	2,01	2,59	3,45	3,45	—	3,69	11,50	13,53	0,91	3,56	4,18	3,96	15,53	18,16	3,23	A++	6,10	11,50	660
	20M 7.000	27M 9.000	35M 12.000	53M 18.000	—	1,83	2,35	3,13	4,70	—	3,69	12,00	13,53	0,91	3,72	4,37	3,96	16,25	18,98	3,23	A++	6,10	12,00	689
	20M 7.000	27M 9.000	35M 12.000	70M 24.000	—	1,66	2,13	2,84	5,68	—	3,69	12,30	13,53	0,91	3,81	4,37	3,96	16,66	18,98	3,23	A++	6,10	12,30	706
	20M 7.000	27M 9.000	53M 18.000	53M 18.000	—	1,66	2,13	4,26	4,26	—	3,69	12,30	13,53	0,91	3,81	4,37	3,96	16,66	18,98	3,23	A++	6,10	12,30	706
	20M 7.000	27M 9.000	53M 18.000	70M 24.000	—	1,48	1,91	3,82	5,09	—	3,69	12,30	13,53	0,91	3,81	4,37	3,96	16,66	18,98	3,23	A++	6,10	12,30	706
	20M 7.000	35M 12.000	35M 12.000	35M 12.000	—	1,87	3,21	3,21	3,21	—	3,69	11,50	13,53	0,91	3,56	4,18	3,96	15,53	18,16	3,23	A++	6,10	11,50	660
	20M 7.000	35M 12.000	35M 12.000	53M 18.000	—	1,71	2,94	2,94	4,41	—	3,69	12,00	13,53	0,91	3,72	4,37	3,96	16,25	18,98	3,23	A++	6,10	12,00	689
	20M 7.000	35M 12.000	35M 12.000	70M 24.000	—	1,57	2,68	2,68	5,37	—	3,69	12,30	13,53	0,91	3,81	4,37	3,96	16,66	18,98	3,23	A++	6,10	12,30	706

Notes Pd = Pdesign CEA = Annual Energy Consumption

COMBINATION TABLES

Outdoor unit: MU1-Y 125M (PENTA)

MULTISplit

	OUTDOOR UNIT	INDOOR UNIT					COOLING CAPACITY[KW]					TOTAL COOLING CAPACITY [KW]			POWER INPUT [KW]			TOTAL CURRENT [A]			EER	SEASONAL EFFICIENCY (EN14825)			
		A	B	C	D	E	A	B	C	D	E	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.		Class	SEER	Pd	CEA [kWh]
		20M 7.000	35M 12.000	53M 18.000	53M 18.000	—	1,57	2,68	4,03	4,03	—	3,69	12,30	13,53	0,91	3,81	4,37	3,96	16,66	18,98	3,23	A++	6,10	12,30	706
MU1-Y 125M (1x4)		27M 9.000	27M 9.000	27M 9.000	27M 9.000	—	2,63	2,63	2,63	2,63	—	3,69	10,50	12,92	0,91	3,25	4,18	3,96	14,13	18,16	3,23	A++	6,10	10,50	602
		27M 9.000	27M 9.000	27M 9.000	35M 12.000	—	2,65	2,65	2,65	3,54	—	3,69	11,50	13,53	0,91	3,56	4,18	3,96	15,53	18,16	3,23	A++	6,10	11,50	660
		27M 9.000	27M 9.000	27M 9.000	53M 18.000	—	2,40	2,40	2,40	4,80	—	3,69	12,00	13,53	0,91	3,72	4,37	3,96	16,25	18,98	3,23	A++	6,10	12,00	689
		27M 9.000	27M 9.000	27M 9.000	70M 24.000	—	2,17	2,17	2,17	5,79	—	3,69	12,30	13,53	0,91	3,81	4,37	3,96	16,66	18,98	3,23	A++	6,10	12,30	706
		27M 9.000	27M 9.000	35M 12.000	35M 12.000	—	2,46	2,46	3,29	3,29	—	3,69	11,50	13,53	0,91	3,56	4,18	3,96	15,53	18,16	3,23	A++	6,10	11,50	660
		27M 9.000	27M 9.000	35M 12.000	53M 18.000	—	2,25	2,25	3,00	4,50	—	3,69	12,00	13,53	0,91	3,72	4,37	3,96	16,25	18,98	3,23	A++	6,10	12,00	689
		27M 9.000	27M 9.000	35M 12.000	70M 24.000	—	2,05	2,05	2,73	5,47	—	3,69	12,30	13,53	0,91	3,81	4,37	3,96	16,66	18,98	3,23	A++	6,10	12,30	706
		27M 9.000	27M 9.000	53M 18.000	53M 18.000	—	2,05	2,05	4,10	4,10	—	3,69	12,30	13,53	0,91	3,81	4,37	3,96	16,66	18,98	3,23	A++	6,10	12,30	706
		27M 9.000	35M 12.000	35M 12.000	35M 12.000	—	2,30	3,07	3,07	3,07	—	3,69	11,50	13,53	0,91	3,56	4,18	3,96	15,53	18,16	3,23	A++	6,10	11,50	660
		27M 9.000	35M 12.000	35M 12.000	53M 18.000	—	2,17	2,89	2,89	4,34	—	3,69	12,30	13,53	0,91	3,81	4,37	3,96	16,66	18,98	3,23	A++	6,10	12,30	706
		27M 9.000	35M 12.000	35M 12.000	70M 24.000	—	1,94	2,59	2,59	5,18	—	3,69	12,30	13,53	0,91	3,81	4,37	3,96	16,66	18,98	3,23	A++	6,10	12,30	706
		27M 9.000	35M 12.000	53M 18.000	53M 18.000	—	1,94	2,59	3,88	3,88	—	3,69	12,30	13,53	0,91	3,81	4,37	3,96	16,66	18,98	3,23	A++	6,10	12,30	706
		35M 12.000	35M 12.000	35M 12.000	35M 12.000	—	2,88	2,88	2,88	2,88	—	3,69	11,50	13,53	0,91	3,56	4,18	3,96	15,53	18,16	3,23	A++	6,10	11,50	660
		35M 12.000	35M 12.000	35M 12.000	53M 18.000	—	2,73	2,73	2,73	4,10	—	3,69	12,30	13,53	0,91	3,81	4,37	3,96	16,66	18,98	3,23	A++	6,10	12,30	706
		20M 7.000	20M 7.000	20M 7.000	20M 7.000	20M 7.000	2,10	2,10	2,10	2,10	2,10	4,18	10,50	14,00	1,03	3,15	4,56	4,46	13,68	19,81	3,34	A++	6,60	10,50	557
		20M 7.000	20M 7.000	20M 7.000	20M 7.000	27M 9.000	2,08	2,08	2,08	2,08	2,68	4,18	11,00	14,00	1,03	3,30	4,56	4,46	14,33	19,81	3,34	A++	6,60	11,00	583
MU1-Y 125M (1x5)		20M 7.000	20M 7.000	20M 7.000	20M 7.000	35M 12.000	2,01	2,01	2,01	2,01	3,45	4,18	11,50	14,00	1,03	3,48	4,56	4,46	15,13	19,81	3,30	A++	6,60	11,50	610
		20M 7.000	20M 7.000	20M 7.000	20M 7.000	53M 18.000	1,87	1,87	1,87	1,87	4,81	4,18	12,30	14,00	1,03	3,80	4,56	4,46	16,51	19,81	3,24	A++	6,60	12,30	652
		20M 7.000	20M 7.000	20M 7.000	20M 7.000	70M 24.000	1,66	1,66	1,66	1,66	5,68	4,18	12,30	14,00	1,03	3,81	4,56	4,46	16,67	19,81	3,23	A++	6,60	12,30	652
		20M 7.000	20M 7.000	20M 7.000	27M 9.000	27M 9.000	2,06	2,06	2,06	2,65	2,65	4,18	11,50	14,00	1,03	3,48	4,56	4,46	15,13	19,81	3,30	A++	6,60	11,50	610
		20M 7.000	20M 7.000	20M 7.000	27M 9.000	35M 12.000	2,00	2,00	2,00	2,57	3,43	4,18	12,00	14,00	1,03	3,63	4,56	4,46	15,79	19,81	3,30	A++	6,60	12,00	636
		20M 7.000	20M 7.000	20M 7.000	27M 9.000	53M 18.000	1,79	1,79	1,79	2,31	4,61	4,18	12,30	14,00	1,03	3,80	4,56	4,46	16,51	19,81	3,24	A++	6,60	12,30	652
		20M 7.000	20M 7.000	20M 7.000	27M 9.000	70M 24.000	1,59	1,59	1,59	2,05	5,47	4,18	12,30	14,00	1,03	3,81	4,56	4,46	16,67	19,81	3,23	A++	6,60	12,30	652
		20M 7.000	20M 7.000	20M 7.000	35M 12.000	35M 12.000	1,91	1,91	1,91	3,28	3,28	4,18	12,30	14,00	1,03	3,76	4,56	4,46	16,34	19,81	3,27	A++	6,60	12,30	652
		20M 7.000	20M 7.000	20M 7.000	35M 12.000	53M 18.000	1,69	1,69	1,69	2,89	4,34	4,18	12,30	14,00	1,03	3,81	4,56	4,46	16,59	19,81	3,23	A++	6,60	12,30	652
		20M 7.000	20M 7.000	20M 7.000	35M 12.000	70M 24.000	1,51	1,51	1,51	2,59	5,18	4,18	12,30	14,00	1,03	3,81	4,56	4,46	16,67	19,81	3,23	A++	6,60	12,30	652
		20M 7.000	20M 7.000	20M 7.000	53M 18.000	53M 18.000	1,51	1,51	1,51	3,88	3,88	4,18	12,30	14,00	1,03	3,81	4,56	4,46	16,67	19,81	3,23	A++	6,60	12,30	652
		20M 7.000	20M 7.000	27M 9.000	27M 9.000	27M 9.000	2,05	2,05	2,63	2,63	2,63	4,18	12,00	14,00	1,03	3,63	4,56	4,46	15,79	19,81	3,30	A++	6,60	12,00	636
		20M 7.000	20M 7.000	27M 9.000	27M 9.000	35M 12.000	1,96	1,96	2,52	2,52	3,35	4,18	12,30	14,00	1,03	3,76	4,56	4,46	16,34	19,81	3,27	A++	6,60	12,30	652
		20M 7.000	20M 7.000	27M 9.000	27M 9.000	53M 18.000	1,72	1,72	2,21	2,21	4,43	4,18	12,30	14,00	1,03	3,81	4,56	4,46	16,59	19,81	3,23	A++	6,60	12,30	652
		20M 7.000	20M 7.000	27M 9.000	27M 9.000	70M 24.000	1,54	1,54	1,98	1,98	5,27	4,18	12,30	14,00	1,03	3,81	4,56	4,46	16,67	19,81	3,23	A++	6,60	12,30	652
		20M 7.000	20M 7.000	27M 9.000	35M 12.000	35M 12.000	1,83	1,83	2,36	3,14	3,14	4,18	12,30	14,00	1,03	3,80	4,56	4,46	16,51	19,81	3,24	A++	6,60	12,30	652
		20M 7.000	20M 7.000	27M 9.000	35M 12.000	53M 18.000	1,62	1,62	2,09	2,78	4,18	4,18	12,30	14,00	1,03	3,81	4,56	4,46	16,67	19,81	3,23	A++	6,60	12,30	652
		20M 7.000	20M 7.000	27M 9.000	53M 18.000	53M 18.000	1,46	1,46	1,88	3,75	3,75	4,18	12,30	14,00	1,03	3,81	4,56	4,46	17,02	19,81	3,23	A++	6,60	12,30	652
		20M 7.000	20M 7.000	35M 12.000	35M 12.000	35M 12.000	1,72	1,72	2,95	2,95	2,95	4,18	12,30	14,00	1,03	3,80	4,56	4,46	16,51	19,81	3,24	A++	6,60	12,30	652

COOLING

Notes Pd = Pdesign CEA = Annual Energy Consumption

COMBINATION TABLES

Outdoor unit: MU1-Y 125M (PENTA)

COOLING	OUTDOOR UNIT	INDOOR UNIT					COOLING CAPACITY [KW]]					TOTAL COOLING CAPACITY [KW]			POWER INPUT [KW]			TOTAL CURRENT [A]			EER	SEASONAL EFFICIENCY (EN14825)			
		A	B	C	D		A	B	C	D	E	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.		Class	SEER	Pd	CEA [kWh]
MU1-Y 125M (1x5)	20M 7.000	20M 7.000	35M 12.000	35M 12.000	53M 18.000	1,54	1,54	2,64	2,64	3,95	4,18	12,30	14,00	1,03	3,81	4,56	4,46	16,67	19,81	3,23	A++	6,60	12,30	652	
	20M 7.000	27M 9.000	27M 9.000	27M 9.000	27M 9.000	2,00	2,57	2,57	2,57	2,57	4,18	12,30	14,00	1,03	3,76	4,56	4,46	16,34	19,81	3,27	A++	6,60	12,30	652	
	20M 7.000	27M 9.000	27M 9.000	27M 9.000	35M 12.000	1,87	2,41	2,41	2,41	3,21	4,18	12,30	14,00	1,03	3,80	4,56	4,46	16,51	19,81	3,24	A++	6,60	12,30	652	
	20M 7.000	27M 9.000	27M 9.000	27M 9.000	53M 18.000	1,66	2,13	2,13	2,13	4,26	4,18	12,30	14,00	1,03	3,81	4,56	4,46	16,67	19,81	3,23	A++	6,60	12,30	652	
	20M 7.000	27M 9.000	27M 9.000	27M 9.000	70M 24.000	1,48	1,91	1,91	1,91	5,09	4,18	12,30	14,00	1,03	3,81	4,56	4,46	16,67	19,81	3,23	A++	6,60	12,30	652	
	20M 7.000	27M 9.000	27M 9.000	35M 12.000	35M 12.000	1,76	2,26	2,26	3,01	3,01	4,18	12,30	14,00	1,03	3,80	4,56	4,46	16,51	19,81	3,24	A++	6,60	12,30	652	
	20M 7.000	27M 9.000	27M 9.000	35M 12.000	53M 18.000	1,57	2,01	2,01	2,68	4,03	4,18	12,30	14,00	1,03	3,81	4,56	4,46	16,67	19,81	3,23	A++	6,60	12,30	652	
	20M 7.000	27M 9.000	35M 12.000	35M 12.000	35M 12.000	1,66	2,13	2,84	2,84	2,84	4,18	12,30	14,00	1,03	3,81	4,56	4,46	16,59	19,81	3,23	A++	6,60	12,30	652	
	20M 7.000	27M 9.000	35M 12.000	35M 12.000	53M 18.000	1,48	1,91	2,54	2,54	3,82	4,18	12,30	14,00	1,03	3,81	4,56	4,46	16,67	19,81	3,23	A++	6,60	12,30	652	
	20M 7.000	35M 12.000	35M 12.000	35M 12.000	35M 12.000	1,57	2,68	2,68	2,68	2,68	4,18	12,30	14,00	1,03	3,81	4,56	4,46	16,59	19,81	3,23	A++	6,60	12,30	652	
	27M 9.000	27M 9.000	27M 9.000	27M 9.000	27M 9.000	2,46	2,46	2,46	2,46	2,46	4,18	12,30	14,00	1,03	3,80	4,56	4,46	16,51	19,81	3,24	A++	6,60	12,30	652	
	27M 9.000	27M 9.000	27M 9.000	27M 9.000	35M 12.000	2,31	2,31	2,31	2,31	3,08	4,18	12,30	14,00	1,03	3,80	4,56	4,46	16,51	19,81	3,24	A++	6,60	12,30	652	
	27M 9.000	27M 9.000	27M 9.000	27M 9.000	53M 18.000	2,05	2,05	2,05	2,05	4,10	4,18	12,30	14,00	1,03	3,81	4,56	4,46	16,67	19,81	3,23	A++	6,60	12,30	652	
	27M 9.000	27M 9.000	27M 9.000	35M 12.000	35M 12.000	2,17	2,17	2,17	2,89	2,89	4,18	12,30	14,00	1,03	3,81	4,56	4,46	16,59	19,81	3,23	A++	6,60	12,30	652	
	27M 9.000	27M 9.000	27M 9.000	35M 12.000	53M 18.000	1,94	1,94	1,94	2,59	3,88	4,18	12,30	14,00	1,03	3,81	4,56	4,46	16,67	19,81	3,23	A++	6,60	12,30	652	
	27M 9.000	27M 9.000	35M 12.000	35M 12.000	35M 12.000	2,05	2,05	2,73	2,73	2,73	4,18	12,30	14,00	1,03	3,81	4,56	4,46	16,59	19,81	3,23	A++	6,60	12,30	652	
	27M 9.000	35M 12.000	35M 12.000	35M 12.000	35M 12.000	1,94	2,59	2,59	2,59	2,59	4,18	12,30	14,00	1,03	3,81	4,56	4,46	16,67	19,81	3,23	A++	6,60	12,30	652	

Notes Pd = Pdesign CEA = Annual Energy Consumption

COMBINATION TABLES

Outdoor unit: MU1-Y 125M (PENTA)

OUT. UNIT	INDOOR UNIT					HEATING CAPACITY [KW]					TOTAL HEATING CAPACITY [KW]			POWER INPUT [KW]			TOTAL CURRENT [A]			COP	SEASONAL EFFICIENCY (EN14825)			
	A	B	C	D	E	A	B	C	D	E	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.		Class	SCOP	Pd	CEA [kWh]
MU1-Y 125M (x1)	20M 7.000	—	—	—	—	2,50	—	—	—	—	1,66	2,50	2,90	0,45	0,67	0,84	1,96	2,99	3,74	3,71	—	—	—	—
	27M 9.000	—	—	—	—	3,00	—	—	—	—	1,66	3,00	3,20	0,45	0,81	1,01	1,96	3,59	4,49	3,71	—	—	—	—
	35M 12.000	—	—	—	—	3,80	—	—	—	—	1,66	3,80	3,90	0,45	1,02	1,23	1,96	4,55	5,46	3,71	—	—	—	—
	53M 18.000	—	—	—	—	5,20	—	—	—	—	1,85	5,20	7,00	0,58	1,40	1,61	2,52	6,71	7,71	3,71	—	—	—	—
	70M 24.000	—	—	—	—	7,20	—	—	—	—	2,09	7,20	8,50	0,70	1,94	2,04	3,04	9,08	9,53	3,71	—	—	—	—
	20M 7.000	20M 7.000	—	—	—	2,50	2,50	—	—	—	2,34	5,00	7,38	0,56	1,35	1,91	2,44	5,96	8,32	3,71	A	3,60	5,10	1983
MU1-Y 125M (x2)	20M 7.000	27M 9.000	—	—	—	2,45	3,15	—	—	—	2,34	5,60	7,63	0,56	1,51	2,04	2,44	6,67	8,89	3,71	A	3,60	5,70	2217
	20M 7.000	35M 12.000	—	—	—	2,21	3,79	—	—	—	2,34	6,00	8,00	0,56	1,62	2,21	2,44	7,15	9,61	3,71	A	3,60	6,20	2411
	20M 7.000	53M 18.000	—	—	—	2,24	5,76	—	—	—	2,34	8,00	9,84	0,56	2,16	2,34	2,44	9,53	10,18	3,71	A	3,60	8,10	3150
	20M 7.000	70M 24.000	—	—	—	2,21	7,59	—	—	—	2,34	9,80	11,69	0,56	2,64	2,64	2,44	11,71	11,47	3,71	A	3,60	8,80	3422
	27M 9.000	27M 9.000	—	—	—	3,00	3,00	—	—	—	2,34	6,00	8,00	0,56	1,62	2,21	2,44	7,15	9,61	3,71	A	3,60	6,20	2411
	27M 9.000	35M 12.000	—	—	—	2,91	3,89	—	—	—	2,34	6,80	8,61	0,56	1,83	2,24	2,44	8,10	9,75	3,71	A	3,60	6,80	2644
	27M 9.000	53M 18.000	—	—	—	2,93	5,87	—	—	—	2,34	8,80	11,07	0,56	2,37	2,47	2,44	10,48	10,75	3,71	A	3,60	8,80	3422
	27M 9.000	70M 24.000	—	—	—	2,78	7,42	—	—	—	2,34	10,20	12,30	0,56	2,75	2,80	2,44	12,18	12,19	3,71	A	3,60	9,00	3500
	35M 12.000	35M 12.000	—	—	—	3,75	3,75	—	—	—	2,34	7,50	9,23	0,56	2,02	2,34	2,44	8,93	10,18	3,71	A	3,60	7,30	2839
	35M 12.000	53M 18.000	—	—	—	3,76	5,64	—	—	—	2,34	9,40	11,69	0,56	2,53	2,70	2,44	11,20	11,76	3,71	A	3,80	8,80	3242
	35M 12.000	70M 24.000	—	—	—	3,50	7,00	—	—	—	2,34	10,50	12,30	0,56	2,83	2,97	2,44	12,54	12,90	3,71	A	3,80	9,30	3426
	53M 18.000	53M 18.000	—	—	—	5,50	5,50	—	—	—	2,34	11,00	12,30	0,56	2,96	2,97	2,44	13,14	12,90	3,71	A	3,80	9,30	3426
	53M 18.000	70M 24.000	—	—	—	4,93	6,57	—	—	—	2,34	11,50	12,50	0,56	3,10	2,97	2,44	13,74	12,90	3,71	A	3,80	9,50	3500
MU1-Y 125M (x3)	20M 7.000	20M 7.000	20M 7.000	—	—	2,50	2,50	2,50	—	—	2,89	7,50	8,61	0,69	2,02	2,64	3,01	8,84	11,47	3,71	A	3,60	7,30	2839
	20M 7.000	20M 7.000	27M 9.000	—	—	2,37	2,37	3,05	—	—	2,89	7,80	9,23	0,69	2,10	2,80	3,01	9,19	12,19	3,71	A	3,60	7,40	2878
	20M 7.000	20M 7.000	35M 12.000	—	—	2,29	2,29	3,92	—	—	2,89	8,50	9,84	0,69	2,29	2,97	3,01	10,02	12,90	3,71	A	3,60	7,50	2917
	20M 7.000	20M 7.000	53M 18.000	—	—	2,52	2,52	6,47	—	—	2,89	11,50	12,30	0,69	3,10	3,13	3,01	13,59	13,62	3,71	A	3,50	8,90	3560
	20M 7.000	20M 7.000	70M 24.000	—	—	2,21	2,21	7,58	—	—	2,89	12,00	12,92	0,69	3,23	3,30	3,01	14,26	14,34	3,71	A	3,40	9,30	3829
	20M 7.000	27M 9.000	27M 9.000	—	—	2,38	3,06	3,06	—	—	2,89	8,50	9,84	0,69	2,29	2,90	3,01	10,02	12,62	3,71	A	3,60	7,50	2917
	20M 7.000	27M 9.000	35M 12.000	—	—	2,50	3,21	4,29	—	—	2,89	10,00	12,30	0,69	2,70	3,03	3,01	11,78	13,19	3,71	A	3,60	8,00	3111
	20M 7.000	27M 9.000	53M 18.000	—	—	2,37	3,04	6,09	—	—	2,89	11,50	12,30	0,69	3,10	3,23	3,01	13,59	14,05	3,71	A	3,50	9,00	3600
	20M 7.000	27M 9.000	70M 24.000	—	—	2,10	2,70	7,20	—	—	2,89	12,00	12,92	0,69	3,23	3,43	3,01	14,26	14,91	3,71	A	3,60	9,40	3656
	20M 7.000	35M 12.000	35M 12.000	—	—	2,48	4,26	4,26	—	—	2,89	11,00	12,30	0,69	2,96	3,13	3,01	12,96	13,62	3,71	A	3,60	8,80	3422
	20M 7.000	35M 12.000	53M 18.000	—	—	2,18	3,73	5,59	—	—	2,89	11,50	12,30	0,69	3,10	3,30	3,01	13,62	14,34	3,71	A	3,60	9,30	3617
	20M 7.000	35M 12.000	70M 24.000	—	—	1,95	3,35	6,70	—	—	2,89	12,00	12,92	0,69	3,23	3,43	3,01	14,29	14,91	3,71	A	3,40	9,50	3912
	20M 7.000	53M 18.000	53M 18.000	—	—	1,95	5,02	5,02	—	—	2,89	12,00	12,92	0,69	3,23	3,43	3,01	14,29	14,91	3,71	A	3,40	9,50	3912
	27M 9.000	27M 9.000	27M 9.000	—	—	3,33	3,33	3,33	—	—	2,89	10,00	12,30	0,69	2,70	3,30	3,01	11,78	14,34	3,71	A	3,60	8,70	3383
	27M 9.000	27M 9.000	35M 12.000	—	—	3,30	3,30	4,40	—	—	2,89	11,00	12,30	0,69	2,96	3,13	3,01	12,96	13,62	3,71	A	3,60	8,80	3422
	27M 9.000	27M 9.000	53M 18.000	—	—	2,88	2,88	5,75	—	—	2,89	11,50	12,30	0,69	3,10	3,30	3,01	13,62	14,34	3,71	A	3,50	9,30	3720
	27M 9.000	27M 9.000	70M 24.000	—	—	2,57	2,57	6,86	—	—	2,89	12,00	12,92	0,69	3,23	3,43	3,01	14,29	14,91	3,71	A	3,40	9,50	3912

Notes Pd = Pdesign CEA = Annual Energy Consumption

COMBINATION TABLES

Outdoor unit: MU1-Y 125M (PENTA)

OUT. UNIT	INDOOR UNIT					HEATING CAPACITY [KW]					TOTAL HEATING CAPACITY. [KW]			POWER INPUT [KW]			TOTAL CURRENT [A]			COP	SEASONAL EFFICIENCY (EN14825)			
	A	B	C	D		A	B	C	D	E	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.			Class	SCOP	Pd
MU1-Y 125M (1x3)	27M 9.000	35M 12.000	35M 12.000	—	—	3,14	4,18	4,18	—	—	2,89	11,50	12,30	0,69	3,10	3,13	3,01	13,59	13,62	3,71	A	3,40	9,00	3706
	27M 9.000	35M 12.000	53M 18.000	—	—	2,77	3,69	5,54	—	—	2,89	12,00	12,92	0,69	3,23	3,30	3,01	14,26	14,34	3,71	A	3,50	9,30	3720
	27M 9.000	35M 12.000	70M 24.000	—	—	2,40	3,20	6,40	—	—	2,89	12,00	12,92	0,69	3,23	3,43	3,01	14,29	14,91	3,71	A	3,40	9,50	3912
	27M 9.000	53M 18.000	53M 18.000	—	—	2,40	4,80	4,80	—	—	2,89	12,00	12,92	0,69	3,23	3,43	3,01	14,29	14,91	3,71	A	3,50	9,50	3800
	35M 12.000	35M 12.000	35M 12.000	—	—	3,83	3,83	3,83	—	—	2,89	11,50	12,30	0,69	3,10	3,23	3,01	13,59	14,05	3,71	A	3,50	9,30	3720
	35M 12.000	35M 12.000	53M 18.000	—	—	3,43	3,43	5,14	—	—	2,89	12,00	12,92	0,69	3,23	3,43	3,01	14,26	14,91	3,71	A	3,50	9,50	3800
	35M 12.000	35M 12.000	70M 24.000	—	—	3,00	3,00	6,00	—	—	2,89	12,00	12,92	0,69	3,23	3,43	3,01	14,29	14,91	3,71	A	3,40	9,50	3912
	35M 12.000	53M 18.000	53M 18.000	—	—	3,00	4,50	4,50	—	—	2,89	12,00	12,92	0,69	3,23	3,43	3,01	14,29	14,91	3,71	A	3,40	9,50	3912
	35M 12.000	53M 18.000	70M 24.000	—	—	2,67	4,00	5,33			2,89	12,00	12,92	0,69	3,23	3,43	3,01	14,29	14,91	3,71	A	3,40	9,50	3912
	53M 18.000	53M 18.000	53M 18.000	—	—	4,00	4,00	4,00	—	—	2,89	12,00	12,92	0,69	3,23	3,43	3,01	14,29	14,91	3,71	A	3,50	9,50	3800
	20M 7.000	20M 7.000	20M 7.000	20M 7.000	—	2,50	2,50	2,50	2,50	—	3,69	10,00	12,67	0,79	2,70	2,97	3,44	11,72	12,90	3,71	A	3,80	8,70	3205
	20M 7.000	20M 7.000	20M 7.000	27M 9.000	—	2,57	2,57	2,57	3,30	—	3,69	11,00	12,92	0,79	2,96	3,13	3,44	12,89	13,62	3,71	A	3,80	8,80	3242
20M 7.000	20M 7.000	20M 7.000	35M 12.000	—	2,50	2,50	2,50	4,29	—	3,69	11,80	13,53	0,79	3,18	3,23	3,44	13,83	14,05	3,71	A	3,70	9,00	3405	
20M 7.000	20M 7.000	20M 7.000	53M 18.000	—	2,15	2,15	2,15	5,54	—	3,69	12,00	13,53	0,79	3,23	3,63	3,44	14,14	15,77	3,71	A	3,60	9,30	3617	
20M 7.000	20M 7.000	20M 7.000	70M 24.000	—	1,91	1,91	1,91	6,56	—	3,69	12,30	13,53	0,79	3,32	3,79	3,44	14,53	16,49	3,71	A	3,40	9,50	3912	
20M 7.000	20M 7.000	27M 9.000	27M 9.000	—	2,63	2,63	3,38	3,38	—	3,69	12,00	13,53	0,79	3,23	3,23	3,44	14,06	14,05	3,71	A	3,60	7,90	3072	
20M 7.000	20M 7.000	27M 9.000	35M 12.000	—	2,40	2,40	3,09	4,11	—	3,69	12,00	13,53	0,79	3,23	3,63	3,44	14,06	15,77	3,71	A	3,60	9,20	3578	
20M 7.000	20M 7.000	27M 9.000	53M 18.000	—	2,05	2,05	2,63	5,27	—	3,69	12,00	13,53	0,79	3,23	3,63	3,44	14,14	15,77	3,71	A	3,50	9,40	3760	
20M 7.000	20M 7.000	27M 9.000	70M 24.000		1,83	1,83	2,36	6,28	—	3,69	12,30	13,53	0,79	3,32	3,79	3,44	14,57	16,49	3,71	A	3,40	9,50	3912	
20M 7.000	20M 7.000	35M 12.000	35M 12.000	—	2,21	2,21	3,79	3,79	—	3,69	12,00	13,53	0,79	3,23	3,63	3,44	14,10	15,77	3,71	A	3,60	9,30	3617	
20M 7.000	20M 7.000	35M 12.000	53M 18.000	—	1,91	1,91	3,27	4,91	—	3,69	12,00	13,53	0,79	3,23	3,63	3,44	14,14	15,77	3,71	A	3,50	9,50	3800	
20M 7.000	20M 7.000	35M 12.000	70M 24.000	—	1,72	1,72	2,95	5,90	—	3,69	12,30	13,53	0,79	3,32	3,79	3,44	14,57	16,49	3,71	A	3,40	9,50	3912	
20M 7.000	20M 7.000	53M 18.000	53M 18.000	—	1,68	1,68	4,32	4,32	—	3,69	12,00	13,53	0,79	3,23	3,79	3,44	14,22	16,49	3,71	A	3,40	9,50	3912	
20M 7.000	20M 7.000	53M 18.000	70M 24.000		1,54	1,54	3,95	5,27	—	3,69	12,30	13,53	0,79	3,32	3,79	3,44	14,57	16,49	3,71	A	3,40	9,50	3912	
20M 7.000	27M 9.000	27M 9.000	27M 9.000	—	2,47	3,18	3,18	3,18	—	3,69	12,00	13,53	0,79	3,23	3,63	3,44	14,06	15,77	3,71	A	3,70	9,10	3443	
20M 7.000	27M 9.000	27M 9.000	35M 12.000	—	2,27	2,92	2,92	3,89	—	3,69	12,00	13,53	0,79	3,23	3,63	3,44	14,10	15,77	3,71	A	3,50	9,30	3720	
20M 7.000	27M 9.000	27M 9.000	53M 18.000	—	1,95	2,51	2,51	5,02	—	3,69	12,00	13,53	0,79	3,23	3,63	3,44	14,14	15,77	3,71	A	3,50	9,50	3800	
20M 7.000	27M 9.000	27M 9.000	70M 24.000	—	1,76	2,26	2,26	6,02	—	3,69	12,30	13,53	0,79	3,32	3,79	3,44	14,57	16,49	3,71	A	3,40	9,50	3912	
20M 7.000	27M 9.000	35M 12.000	35M 12.000	—	2,10	2,70	3,60	3,60	—	3,69	12,00	13,53	0,79	3,23	3,63	3,44	14,14	15,77	3,71	A	3,40	9,40	3871	
20M 7.000	27M 9.000	35M 12.000	53M 18.000	—	1,83	2,35	3,13	4,70	—	3,69	12,00	13,53	0,79	3,23	3,79	3,44	14,22	16,49	3,71	A	3,50	9,50	3800	
20M 7.000	27M 9.000	35M 12.000	70M 24.000	—	1,66	2,13	2,84	5,68	—	3,69	12,30	13,53	0,79	3,32	3,79	3,44	14,57	16,49	3,71	A	3,40	9,50	3912	
20M 7.000	27M 9.000	53M 18.000	53M 18.000	—	1,62	2,08	4,15	4,15	—	3,69	12,00	13,53	0,79	3,23	3,79	3,44	14,18	16,49	3,71	A	3,50	9,50	3800	
20M 7.000	27M 9.000	53M 18.000	70M 24.000	—	1,48	1,91	3,82	5,09	—	3,69	12,30	13,53	0,79	3,32	3,79	3,44	14,53	16,49	3,71	A	3,50	9,50	3800	
20M 7.000	35M 12.000	35M 12.000	35M 12.000	—	1,95	3,35	3,35	3,35	—	3,69	12,00	13,53	0,79	3,23	3,63	3,44	14,14	15,77	3,71	A	3,40	9,50	3912	
20M 7.000	35M 12.000	35M 12.000	53M 18.000	—	1,71	2,94	2,94	4,41	—	3,69	12,00	13,53	0,79	3,23	3,79	3,44	14,22	16,49	3,71	A	3,50	9,50	3800	
20M 7.000	35M 12.000	35M 12.000	70M 24.000	—	1,57	2,68	2,68	5,37	—	3,69	12,30	13,53	0,79	3,32	3,79	3,44	14,53	16,49	3,71	A	3,50	9,50	3800	

Notes Pd = Pdesign CEA = Annual Energy Consumption

COMBINATION TABLES

Outdoor unit: MU1-Y 125M (PENTA)

OUT. UNIT	INDOOR UNIT					HEATING CAPACITY [kW]					TOTAL HEATING CAPACITY: [kW]			POWER INPUT [kW]			TOTAL CURRENT [A]			COP	SEASONAL EFFICIENCY (EN14825)			
	A	B	C	D	E	A	B	C	D	E	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.		Class	SCOP	Pd	CEA [kWh]
MULTISplit MU1-Y 125M (1x4)	20M 7.000	35M 12.000	53M 18.000	53M 18.000	—	1,53	2,62	3,93	3,93	—	3,69	12,00	13,53	0,79	3,23	3,79	3,44	14,18	16,49	3,71	A	3,40	9,50	3912
	27M 9.000	27M 9.000	27M 9.000	27M 9.000	—	3,00	3,00	3,00	3,00	—	3,69	12,00	13,53	0,79	3,23	3,63	3,44	14,10	15,77	3,71	A	3,80	9,30	3426
	27M 9.000	27M 9.000	27M 9.000	35M 12.000	—	2,77	2,77	2,77	3,69	—	3,69	12,00	13,53	0,79	3,23	3,63	3,44	14,14	15,77	3,71	A	3,70	9,40	3557
	27M 9.000	27M 9.000	27M 9.000	53M 18.000	—	2,40	2,40	2,40	4,80	—	3,69	12,00	13,53	0,79	3,23	3,79	3,44	14,22	16,49	3,71	A	3,60	9,50	3694
	27M 9.000	27M 9.000	27M 9.000	70M 24.000	—	2,17	2,17	2,17	5,79	—	3,69	12,30	13,53	0,79	3,32	3,79	3,44	14,57	16,49	3,71	A	3,40	9,50	3912
	27M 9.000	27M 9.000	35M 12.000	35M 12.000	—	2,57	2,57	3,43	3,43	—	3,69	12,00	13,53	0,79	3,23	3,63	3,44	14,14	15,77	3,71	A	3,50	9,50	3800
	27M 9.000	27M 9.000	35M 12.000	53M 18.000	—	2,25	2,25	3,00	4,50	—	3,69	12,00	13,53	0,79	3,23	3,79	3,44	14,22	16,49	3,71	A	3,50	9,50	3800
	27M 9.000	27M 9.000	35M 12.000	70M 24.000	—	2,05	2,05	2,73	5,47	—	3,69	12,30	13,53	0,79	3,32	3,79	3,44	14,53	16,49	3,71	A	3,40	9,50	3912
	27M 9.000	27M 9.000	53M 18.000	53M 18.000	—	2,00	2,00	4,00	4,00	—	3,69	12,00	13,53	0,79	3,23	3,79	3,44	14,18	16,49	3,71	A	3,50	9,50	3800
	27M 9.000	35M 12.000	35M 12.000	35M 12.000	—	2,40	3,20	3,20	3,20	—	3,69	12,00	13,53	0,79	3,23	3,63	3,44	14,14	15,77	3,71	A	3,60	9,50	3694
	27M 9.000	35M 12.000	35M 12.000	53M 18.000	—	2,12	2,82	2,82	4,24	—	3,69	12,00	13,53	0,79	3,23	3,79	3,44	14,22	16,49	3,71	A	3,50	9,50	3800
	27M 9.000	35M 12.000	35M 12.000	70M 24.000	—	1,94	2,59	2,59	5,18	—	3,69	12,30	13,53	0,79	3,32	3,79	3,44	14,53	16,49	3,71	A	3,40	9,50	3912
	27M 9.000	35M 12.000	53M 18.000	53M 18.000	—	1,89	2,53	3,79	3,79	—	3,69	12,00	13,53	0,79	3,23	3,79	3,44	14,18	16,49	3,71	A	3,40	9,50	3912
	35M 12.000	35M 12.000	35M 12.000	35M 12.000	—	3,00	3,00	3,00	3,00	—	3,69	12,00	13,53	0,79	3,23	3,63	3,44	14,14	15,77	3,71	A	3,60	9,50	3694
	35M 12.000	35M 12.000	35M 12.000	53M 18.000	—	2,67	2,67	2,67	4,00	—	3,69	12,00	13,53	0,79	3,23	3,79	3,44	14,22	16,49	3,71	A	3,50	9,50	3800
	20M 7.000	20M 7.000	20M 7.000	20M 7.000	20M 7.000	2,46	2,46	2,46	2,46	2,46	4,18	12,30	14,94	0,89	3,32	4,12	3,87	14,45	17,92	3,71	A	3,80	9,50	3500
	20M 7.000	20M 7.000	20M 7.000	20M 7.000	27M 9.000	2,33	2,33	2,33	2,33	2,99	4,18	12,30	14,94	0,89	3,32	4,12	3,87	14,45	17,92	3,71	A	3,80	9,50	3500
	20M 7.000	20M 7.000	20M 7.000	20M 7.000	35M 12.000	2,15	2,15	2,15	2,15	3,69	4,18	12,30	14,94	0,89	3,32	4,12	3,87	14,45	17,92	3,71	A	3,80	9,50	3500
	20M 7.000	20M 7.000	20M 7.000	20M 7.000	53M 18.000	1,87	1,87	1,87	1,87	4,81	4,18	12,30	14,94	0,89	3,30	4,12	3,87	14,34	17,92	3,73	A	3,80	9,50	3500
	20M 7.000	20M 7.000	20M 7.000	20M 7.000	70M 24.000	1,66	1,66	1,66	1,66	5,68	4,18	12,30	14,94	0,89	3,21	4,12	3,87	13,96	17,92	3,83	A	3,80	9,50	3500
HEATING MU1-Y 125M (1x5)	20M 7.000	20M 7.000	20M 7.000	27M 9.000	27M 9.000	2,21	2,21	2,21	2,84	2,84	4,18	12,30	14,94	0,89	3,32	4,12	3,87	14,45	17,92	3,71	A	3,80	9,50	3500
	20M 7.000	20M 7.000	20M 7.000	27M 9.000	35M 12.000	2,05	2,05	2,05	2,64	3,51	4,18	12,30	14,94	0,89	3,32	4,12	3,87	14,45	17,92	3,71	A	3,80	9,50	3500
	20M 7.000	20M 7.000	20M 7.000	27M 9.000	53M 18.000	1,79	1,79	1,79	2,31	4,61	4,18	12,30	14,94	0,89	3,25	4,12	3,87	14,11	17,92	3,79	A	3,80	9,50	3500
	20M 7.000	20M 7.000	20M 7.000	27M 9.000	70M 24.000	1,59	1,59	1,59	2,05	5,47	4,18	12,30	14,94	0,89	3,21	4,12	3,87	13,96	17,92	3,83	A	3,80	9,50	3500
	20M 7.000	20M 7.000	20M 7.000	35M 12.000	35M 12.000	1,91	1,91	1,91	3,28	3,28	4,18	12,30	14,94	0,89	3,32	4,12	3,87	14,45	17,92	3,71	A	3,80	9,50	3500
	20M 7.000	20M 7.000	20M 7.000	35M 12.000	53M 18.000	1,69	1,69	1,69	2,89	4,34	4,18	12,30	14,94	0,89	3,25	4,12	3,87	14,11	17,92	3,79	A	3,80	9,50	3500
	20M 7.000	20M 7.000	20M 7.000	35M 12.000	70M 24.000	1,51	1,51	1,51	2,59	5,18	4,18	12,30	14,94	0,89	3,21	4,12	3,87	13,96	17,92	3,83	A	3,80	9,50	3500
	20M 7.000	20M 7.000	20M 7.000	53M 18.000	53M 18.000	1,51	1,51	1,51	3,88	3,88	4,18	12,30	14,94	0,89	3,21	4,12	3,87	13,96	17,92	3,83	A	3,80	9,50	3500
	20M 7.000	20M 7.000	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	0,89	3,32	4,12	3,87	14,45	17,92	3,71	A	3,80	9,50	3500
	20M 7.000	20M 7.000	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	0,89	3,32	4,12	3,87	14,45	17,92	3,71	A	3,80	9,50	3500
	20M 7.000	20M 7.000	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	0,89	3,25	4,12	3,87	14,11	17,92	3,79	A	3,80	9,50	3500
	20M 7.000	20M 7.000	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	0,89	3,21	4,12	3,87	13,96	17,92	3,83	A	3,80	9,50	3500
	20M 7.000	20M 7.000	27M 9.000	35M 12.000	35M 12.000	1,83	1,83	2,36	3,14	3,14	4,18	12,30	14,94	0,89	3,30	4,12	3,87	14,34	17,92	3,73	A	3,80	9,50	3500
	20M 7.000	20M 7.000	27M 9.000	35M 12.000	53M 18.000	1,62	1,62	2,09	2,78	4,18	4,18	12,30	14,94	0,89	3,30	4,12	3,87	14,34	17,92	3,73	A	3,80	9,50	3500
	20M 7.000	20M 7.000	27M 9.000	53M 18.000	53M 18.000	1,46	1,46	1,88	3,75	3,75	4,18	12,30	14,94	0,89	3,21	4,12	3,87	13,96	17,92	3,83	A	3,80	9,50	3500
	20M 7.000	20M 7.000	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	0,89	3,30	4,12	3,87	14,34	17,92	3,73	A	3,80	9,50	3500

Notes Pd = Pdesign CEA = Annual Energy Consumption

COMBINATION TABLES

Outdoor unit: MU1-Y 125M (PENTA)

HEATING	OUT. UNIT	INDOOR UNIT					HEATING CAPACITY [KW]					TOTAL HEATING CAPACITY [KW]			POWER INPUT [KW]			TOTAL CURRENT [A]			COP	SEASONAL EFFICIENCY (EN14825)			
		A	B	C	D		A	B	C	D	E	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.		Class	SCOP	Pd	CEA [kWh]
MU1-Y 125M (x4)	HEATING	20M 7.000	20M 7.000	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	0,89	3,21	4,12	3,87	13,96	17,92	3,83	A	3,80	9,50	3500
		20M 7.000	27M 9.000	27M 9.000	27M 9.000	27M 9.000	2,00	2,57	2,57	2,57	2,57	4,18	12,30	14,94	0,89	3,32	4,12	3,87	14,45	17,92	3,71	A	3,80	9,50	3500
		20M 7.000	27M 9.000	27M 9.000	27M 9.000	35M 12.000	1,87	2,41	2,41	2,41	3,21	4,18	12,30	14,94	0,89	3,30	4,12	3,87	14,34	17,92	3,73	A	3,80	9,50	3500
		20M 7.000	27M 9.000	27M 9.000	27M 9.000	53M 18.000	1,66	2,13	2,13	2,13	4,26	4,18	12,30	14,94	0,89	3,21	4,12	3,87	13,96	17,92	3,83	A	3,80	9,50	3500
		20M 7.000	27M 9.000	27M 9.000	27M 9.000	70M 24.000	1,48	1,91	1,91	1,91	5,09	4,18	12,30	14,94	0,89	3,21	4,12	3,87	13,96	17,92	3,83	A	3,80	9,50	3500
		20M 7.000	27M 9.000	27M 9.000	35M 12.000	35M 12.000	1,76	2,26	2,26	3,01	3,01	4,18	12,30	14,94	0,89	3,30	4,12	3,87	14,34	17,92	3,73	A	3,80	9,50	3500
		20M 7.000	27M 9.000	27M 9.000	35M 12.000	53M 18.000	1,57	2,01	2,01	2,68	4,03	4,18	12,30	14,94	0,89	3,21	4,12	3,87	13,96	17,92	3,83	A	3,80	9,50	3500
		20M 7.000	27M 9.000	35M 12.000	35M 12.000	35M 12.000	1,66	2,13	2,84	2,84	2,84	4,18	12,30	14,94	0,89	3,25	4,12	3,87	14,11	17,92	3,79	A	3,80	9,50	3500
		20M 7.000	27M 9.000	35M 12.000	35M 12.000	53M 18.000	1,48	1,91	2,54	2,54	3,82	4,18	12,30	14,94	0,89	3,21	4,12	3,87	13,96	17,92	3,83	A	3,80	9,50	3500
		20M 7.000	35M 12.000	35M 12.000	35M 12.000	35M 12.000	1,57	2,68	2,68	2,68	2,68	4,18	12,30	14,94	0,89	3,25	4,12	3,87	14,11	17,92	3,79	A	3,80	9,50	3500
		27M 9.000	27M 9.000	27M 9.000	27M 9.000	27M 9.000	2,46	2,46	2,46	2,46	2,46	4,18	12,30	14,94	0,89	3,30	4,12	3,87	14,34	17,92	3,73	A	3,80	9,50	3500
		27M 9.000	27M 9.000	27M 9.000	27M 9.000	35M 12.000	2,31	2,31	2,31	2,31	3,08	4,18	12,30	14,94	0,89	3,30	4,12	3,87	14,34	17,92	3,73	A	3,80	9,50	3500
		27M 9.000	27M 9.000	27M 9.000	27M 9.000	53M 18.000	2,05	2,05	2,05	2,05	4,10	4,18	12,30	14,94	0,89	3,21	4,12	3,87	13,96	17,92	3,83	A	3,80	9,50	3500
		27M 9.000	27M 9.000	27M 9.000	35M 12.000	35M 12.000	2,17	2,17	2,17	2,89	2,89	4,18	12,30	14,94	0,89	3,25	4,12	3,87	14,11	17,92	3,79	A	3,80	9,50	3500
		27M 9.000	27M 9.000	27M 9.000	35M 12.000	53M 18.000	1,94	1,94	1,94	2,59	3,88	4,18	12,30	14,94	0,89	3,21	4,12	3,87	13,96	17,92	3,83	A	3,80	9,50	3500
		27M 9.000	27M 9.000	35M 12.000	35M 12.000	35M 12.000	2,05	2,05	2,73	2,73	2,73	4,18	12,30	14,94	0,89	3,25	4,12	3,87	14,11	17,92	3,79	A	3,80	9,50	3500
		27M 9.000	35M 12.000	35M 12.000	35M 12.000	35M 12.000	1,94	2,59	2,59	2,59	2,59	4,18	12,30	14,94	0,89	3,21	4,12	3,87	13,96	17,92	3,83	A	3,80	9,50	3500

Notes Pd = Pdesign CEA = Annual Energy Consumption

Light Commercial systems



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

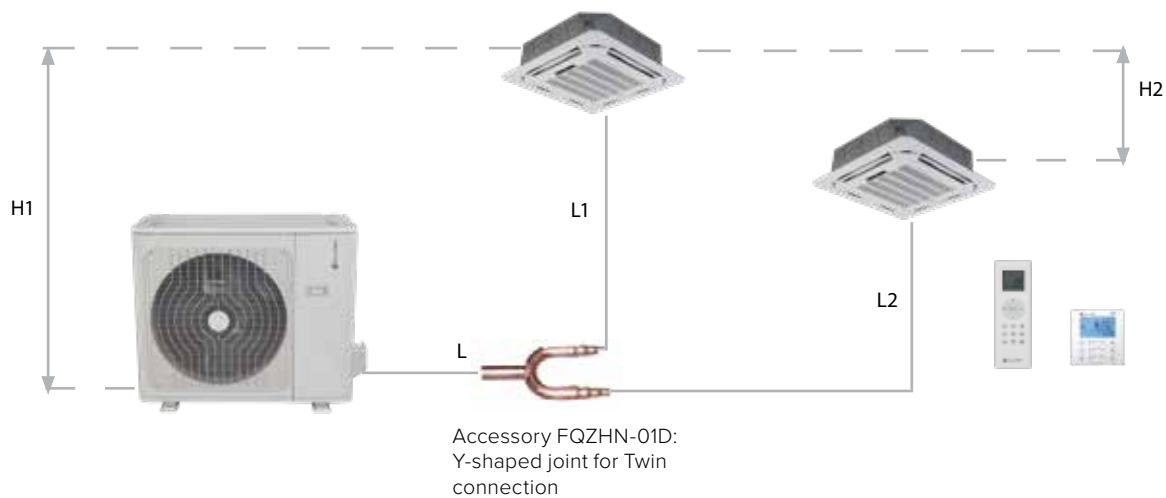
OUTDOOR / INDOOR UNIT COMBINABILITY

OUTDOOR UNIT	COMPACT 4-WAY CASSETTE INDOOR UNITS		4-WAY CASSETTE INDOOR UNITS				CONSOLE INDOOR UNITS		DUCT INDOOR UNITS						CEILING/FLOOR INDOOR UNITS					TOWER INDOOR UNITS
	BOX-SL 2 650x650		BOX-SL 2 950x950				CONSOLE-SL 2		DUCT-SL 2						CEILING & FLOOR-SL 2					STANDING-SL 2
	IB2-XY		IA2-XY				IC2-XY		ID2-XY						IF2-XY					IS2-XY
	35M	53M	70M	105M	140M	160M	35M	53M	35M	53M	70M	105M	140M	160M	53M	70M	105M	140M	160M	140M
MC2-Y 35M	●						●		●											
MC2-Y 53M		●						●		●					●					
MC2-Y 70M			●								●					●				
MC2-Y 88M				●								●					●			
MC2-Y 105M/105T				●								●					●			
MC2-Y 120M					●								●					●		
MC2-Y 140T			T		●						T		●		T		●			●
MC2-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



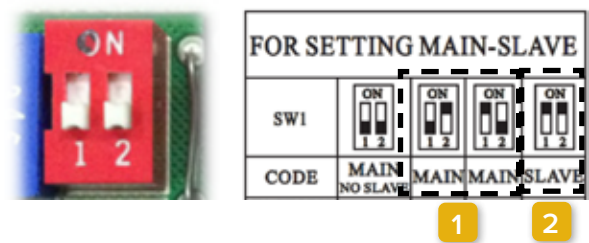
		[m]	
Piping length	Total lenght	65	L+Max(L1,L2)
	Max. length of the single lines	15	L1,L2
	Max. length difference between lines L1-L2	10	L1,L2
Difference in height	Max. level difference between indoor - outdoor units	20	H1
	Max. level difference between two indoor units	0,5	H2

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
 + 	IA2-XY 70M	IA2-XY 70M	MC2-Y 140T
	IA2-XY 105M	IA2-XY 105M	MC2-Y 160T
 + 	ID2-XY 70M	ID2-XY 70M	MC2-Y 140T
	ID2-XY 105M	ID2-XY 105M	MC2-Y 160T
 + 	IF2-XY 70M	IF2-XY 70M	MC2-Y 140T
	IF2-XY 105M	IF2-XY 105M	MC2-Y 160T

Note:
SET THE INDOOR UNITS
Set the SW5 switch:

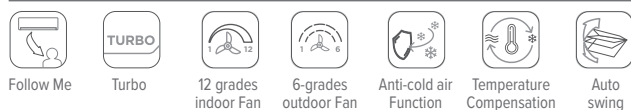


- 1. Slave indoor unit: 1 and 2 both in ON
- 2. Master indoor unit: alternate position of 1 and 2 (one in ON and the other in OFF)

BOX-SL 2 650x650 35M÷53M



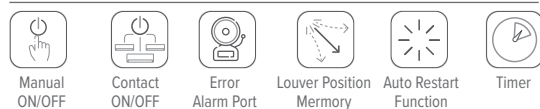
COMFORT



RELIABILITY



CONVENIENCE



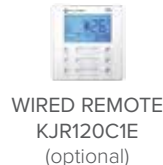
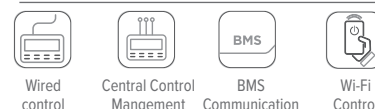
ENERGY SAVING



HEALTH



OPTIONAL



technical data

Set	S.IB2+MC2-Y			35M	53M
Cooling capacity	Standard (Min~Max)		Btu/h	12.000 (5.200~18.000)	18.000 (9.900~19.600)
	Standard (Min~Max)		kW	3,5 (1,5~5,3)	5,3 (2,9~5,7)
Heating capacity	Standard (Min~Max)		Btu/h	15.000 (3.500~19.000)	18.500 (8.100~20.800)
	Standard (Min~Max)		kW	4,4 (1~5,6)	5,4 (2,4~6,1)
Standard power input	Cooling	Standard (Min~Max)	W	850 (350~1.600)	1.633 (720~1.860)
	Heating	Standard (Min~Max)	W	1.100 (310~1.800)	1.460 (700~1.930)
Standard current input	Cooling	Standard (Min~Max)	A	3,8 (1,6~7,1)	7,2 (3,2~8,2)
	Heating	Standard (Min~Max)	A	5,0 (1,4~7,9)	6,4 (3,1~8,5)
Seasonal efficiency ¹	Cooling	Energy efficiency class	-	A++	A++
		Design load (Pdesign)	kW	3,5	5,3
		SEER	-	7,80	6,10
	Heating	Annual energy consumption	kWh/a	157	304
		Energy efficiency class	-	A++	A+
		Design load (Pdesign)	kW	3,1	4,2
Standard efficiency	Average season	SCOP	-	4,60	4,00
		Annual energy consumption	kWh/a	959	1.470
	Warmer season	Energy efficiency class	-	A+++	A++
		SCOP	-	5,10	4,90
Standard efficiency	EER		-	4,14	3,25
	COP		-	4,00	3,71

Unità Interna	IB2-XY			35M	53M
Dimensions	Unit	L x P x A	mm	570x570x260	570x570x260
	Packaging (Unit)	L x P x A	mm	662x662x317	655x655x290
	Panel	L x P x A	mm	647x647x50	647x647x50
	Packaging (Panel)	L x P x A	mm	715x715x123	715x715x123
	Unit / Packaging		kg	16,2 / 21,4	16,2 / 21,4
Weight	Panel / Packaging		kg	2,5 / 4,5	2,5 / 4,5
	Type		-	R/W	R/W
Air filter			-	R/W	R/W
Airflow		Hi/Mid/Lo	m³/h	620/505/420	720/625/540
Sound power level		Hi	dB(A)	51	56
Sound pressure level		Hi/Mid/Lo	dB(A)	41/36/33	42,5/39/35,5
Control systems	Infrared remote control		-	RG66A1	RG66A1
	Settable temperature		°C	17~30	17~30
Power supply	Voltage/Frequency/Phases		V/Hz/n°	230 / 50 / 1	230 / 50 / 1

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

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.

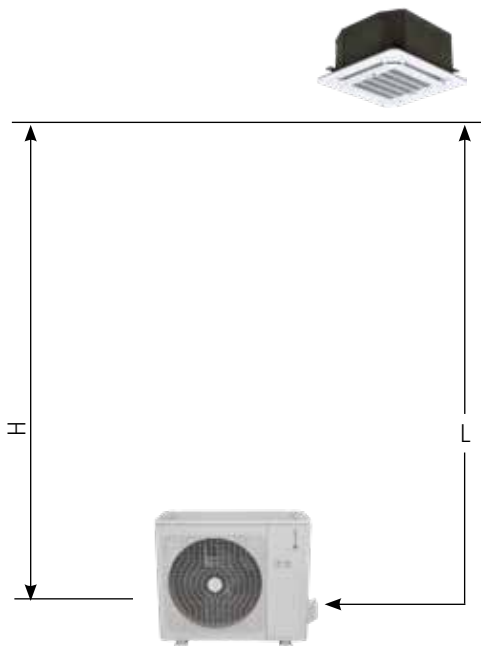
Data declared according to UE 626/2011 delegated regulation

		Configuration code		AALDQ200-0003	AALDQ400-0002
Dimensions	Unit	L x P x A	mm	800x333x554	800x333x554
	Packaging	L x P x A	mm	920x390x625	920x390x625
Weight	Unit / Packaging		kg	34,7 / 37,5	33,7 / 36,6
Sound power level		Standard	dB(A)	63	63
Sound pressure level		Standard	dB(A)	55,5	55,5
Operating range	Cooling	Indoor T.	°C	17~32	17~32
		Outdoor T.	°C BS	-15~50	-15~50
	Heating	Indoor T.	°C	0~30	0~30
		Outdoor T.	°C BU	-15~24	-15~24
Refrigerant	Type/GWP		-	R-32 / 675	R-32 / 675
Power supply	Voltage/Frequency/Phases		V/Hz/n°	230 / 50 / 1	230 / 50 / 1
Current - 50Hz	Maximum fuse capacity (MFA)		A	20	20

refrigerant piping and connections

Set

			35M	53M
Max equivalent length	L	m	25	30
Max difference in level ODU / IDU	H	m	±10	±20
Refrigerant precharge		kg / m	0,87 / 5	1,15 / 5
		CO ₂ tons	0,59	0,78
Additional refrigerant charge		g/m	12	12
External diameters	Liquid	mm / inch	Φ6,35 - 1/4"	Φ6,35 - 1/4"
	Gas	mm / inch	Φ9,52 - 3/8"	Φ12,7 - 1/2"



electrical connections

Set

			35M	53M
ODU	Power supply	V/Hz/n°	230 / 50 / 1	230 / 50 / 1
	Signal	no. of cables / section	2 x 2,5mm ² + G	2 x 2,5mm ² + G
IDU	Power supply	V/Hz/n°	from ODU	from ODU
	Signal	no. of cables / section	2 x 1mm ² + G	2 x 1mm ² + G
			2 x 1mm ²	1 x 1mm ²

accessories

Standard

RG66A1

Infrared remote control for indoor units except for STELVIO

T-MBQ4-03B4

Panel for Box-SM 2/Box-SL 2 650x650, air supply 360°, round hole grill.

(Mandatory accessory, to be selected separately)

Optional

WF-60A2

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

The ON-OFF function can be used simultaneously with only one function among XYE port/BMS/Wi-Fi.

Note: the connection of this accessory also allows the connection of the standard wire control.

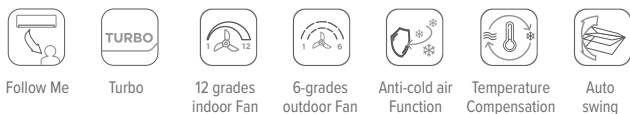
Control systems

(learn more at Control System page)

BOX-SL 2 950x950 70M÷160M



COMFORT



RELIABILITY



CONVENIENCE



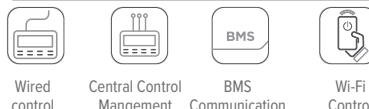
ENERGY SAVING



HEALTH



OPTIONAL



PANEL
950X950
T-MBQ4-900
(mandatory
accessory)



Wi-Fi
WF-60A2
(optional)



WIRED REMOTE
KJR120C1E
(optional)



REMOTE CONTROL
RG66A1
(standard)



MC2-Y

technical data

Set			S.IA2+MC2-Y	70M	88M	105M	120M	105T	140T	160T
Cooling capacity	Standard (Min~Max)	Btu/h		24.000 (11.000~28.000)	30.000 (13.500~38.000)	36.000 (13.800~41.000)	39.000 (16.200~45.000)	36.000 (13.800~41.000)	48.000 (16.200~49.800)	53.000 (18.000~57.000)
	Standard (Min~Max)	kW		7,0 (3,2~8,2)	8,8 (4~10)	10,6 (4~12,0)	11,4 (4,8~13,2)	10,6 (4~12,0)	14,1 (4,8~14,6)	15,5 (5,3~16,7)
Heating capacity	Standard (Min~Max)	Btu/h		26.000 (8.300~29.500)	33.000 (10.000~41.500)	38.000 (10.000~46.000)	45.000 (13.400~51.200)	38.000 (10.000~48.300)	55.000 (13.400~57.200)	62.000 (15.000~66.000)
	Standard (Min~Max)	kW		7,6 (2,4~8,7)	9,8 (2,9~11,5)	11,1 (2,9~13,5)	16,5 (5,3~15)	11,1 (3~14,1)	16,1 (3,9~16,8)	18,2 (4,4~19,3)
Standard power input	Cooling	Standard (Min~Max) W		2.190 (480~2.850)	2.927 (890~4.200)	3.750 (890~4.500)	3.772 (1.158~4.789)	3.950 (890~4.500)	5.130 (1.174~5.602)	5.951 (1.147~6.682)
	Heating	Standard (Min~Max) W		2.050 (500~2.880)	2.423 (720~4.150)	2.960 (720~4.450)	3.755 (987~4.382)	3.000 (720~4.750)	5.050 (987~5.378)	6.036 (1.022~6.448)
Standard current input	Cooling	Standard (Min~Max) A		9,5 (2,1~12,4)	12,9 (3,9~18,2)	16,3 (3,9~19,6)	16,5 (5,3~15)	6,6 (3,9~8,2)	8,3 (1,8~9,3)	9,8 (1,8~11,6)
	Heating	Standard (Min~Max) A		8,9 (2,2~12,5)	13 (3,2~19,4)	13 (3,2~19,4)	16,4 (4,5~19,9)	5 (3,2~8,3)	8,2 (1,6~8,9)	9,9 (1,6~11,2)
Seasonal efficiency ¹	Cooling	Energy efficiency class		A++	A++	A++	A+	A++	A++	A++
		Design load (Pdesign) kW		7	8,9	10,5	11,7	10,5	14	15,7
		SEER		6,10	6,50	6,10	5,90	6,10	6,10	6,10
		Annual energy consumption kWh/a		402	-	605	-	602	803	901
	Heating	Energy efficiency class		A+	A	A+	A	A+	A+	A+
		Design load (Pdesign) kW		5,4	7,2	8,8	9,2	8,1	11,2	11,9
		SCOP		4,00	3,80	4,00	3,90	4,00	4,00	4,00
		Annual energy consumption kWh/a		1.890	-	3.108	-	2.835	3.920	4.165
	Average season	Energy efficiency class		A+++	-	A+++	-	A+++	A+++	A+++
		SCOP		5,10	-	5,10	-	5,10	5,10	5,10
Standard efficiency	EER			3,21	3,00	2,81	3,02	2,67	2,74	2,61
	COP			3,72	4,05	3,76	3,52	3,71	3,19	3,02

Unità Interna			IA2-XY	70M	105M	105M	140M	105M	140M	160M
Dimensions	Unit	L x P x A	Configuration code	AAIAQ600-0001	AAIAP100-0001	AAIAP100-0001	AAIAP300-0001	AAIAP100-0001	AAIAP300-0001	AAIAP400-0001
	Packaging (Unit)	L x P x A	mm	840x840x245	840x840x245	840x840x245	840x840x287	840x840x245	840x840x287	840x840x287
	Panel	L x P x A	mm	900x900x265	900x900x265	900x900x265	900x900x292	900x900x265	900x900x292	900x900x292
	Packaging (Panel)	L x P x A	mm	950x950x55	950x950x55	950x950x55	950x950x55	950x950x55	950x950x55	950x950x55
	Packaging (Panel)	L x P x A	mm	1.035x1.035x90	1.035x1.035x90	1.035x1.035x90	1.035x1.035x90	1.035x1.035x90	1.035x1.035x90	1.035x1.035x90
Weight	Unit / Packaging	kg		23 / 27	27,5 / 31	27,5 / 31	29 / 32,7	27,5 / 31	29 / 32,7	29,7 / 33,4
	Panel / Packaging	kg		5 / 8	5 / 8	5 / 8	5 / 8	5 / 8	5 / 8	5 / 8
Air filter	Type			R/W	R/W	R/W	R/W	R/W	R/W	R/W
Airflow	Hi/Mid/Lo	m³/h		1.378/1.200/1.032	1.775/1.620/1.438	1.775/1.620/1.438	1.775/1.568/1.381	1.775/1.620/1.438	1.715/1.568/1.381	1.970/1.737/1.537
Sound power level	Hi	dB(A)		59	61	61	66	62	65	65
Sound pressure level	Hi/Mid/Lo	dB(A)		47/43/40	51/49/46	52/49/46	52/50/49	51/47/41	52/50/49	53/50,5/48
Control systems	Infrared remote control			-	RG66A1	RG66A1	RG66A1	RG66A1	RG66A1	RG66A1
	Settable temperature	°C		17~30	17~30	17~30	17~30	17~30	17~30	17~30
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.

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;

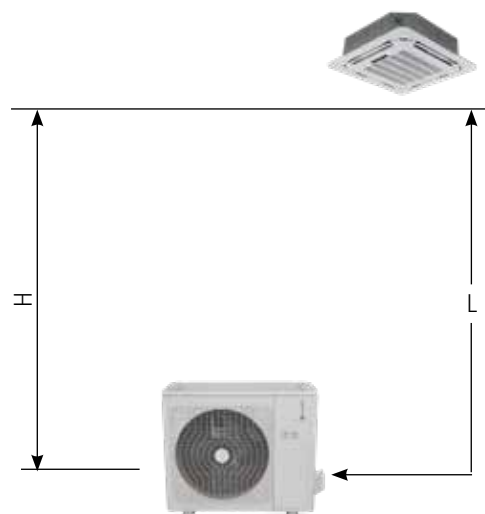
Heating: indoor air temperature 20°C DB/15°C WB; outdoor air temperature 7°C DB/6°C WB.

Data declared according to UE 626/2011 delegated regulation

Outdoor unit			MC2-Y	70M	88M	105M	120M	105T	140T	160T
			Configuration code	AALDQ600-0002	AALDQ900-0002	AALDP100-0002	AALDP200-0002	AALDR000-0002	AALDV100-0002	AALDV200-0002
Dimensions	Unit	L x P x A	mm	845x363x702	946x410x810	946x410x810	946x410x810	946x410x810	952x415x1.333	952x415x1.333
	Packaging	L x P x A	mm	965x395x765	1.090x500x885	1.090x500x885	1.090x500x885	1.090x500x885	1.095x495x1.480	1.095x495x1.480
Weight	Unit / Packaging		kg	66,8 / 72,6	56,9 / 61,8	66,8 / 73,4	73,9 / 78,9	81,5 / 87,0	106,7 / 119,9	111,3 / 124,3
Sound power level	Standard		dB(A)	66	67	67	72	68	72	74
Sound pressure level	Standard		dB(A)	62	59	65	65	64	66	66
Operating range	Cooling	Indoor T.	°C	17~32	17~32	17~32	17~32	17~32	17~32	17~32
		Outdoor T.	°C BS	-15~50	-15~50	-15~50	-15~50	-15~50	-15~50	-15~50
	Heating	Indoor T.	°C	0~30	0~30	0~30	0~30	0~30	0~30	0~30
		Outdoor T.	°C BU	-20~24	-20~24	-15~24	-15~24	-15~24	-15~24	-15~24
Refrigerant	Type/GWP		-	R-32 / 675	R-32 / 675	R-32 / 675	R-32 / 675	R-32 / 675	R-32 / 675	R-32 / 675
Power supply	Voltage/Frequency/Phases		V/Hz/n°	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	400 / 50 / 3 + N	400 / 50 / 3 + N	400 / 50 / 3 + N
Current - 50Hz	Maximum fuse capacity (MFA)		A	30	30	30	25	25	25	25

refrigerant piping and connections

Set			70M	88M	105M	120M	105T	140T	160T
Max equivalent length	L	m	50	50	65	50	65	65	65
Max difference in level ODU / IDU	H	m	±25	±25	±30	±30	±30	±30	±30
Refrigerant precharge		kg / m	1,5 / 5	2 / 5	2,4 / 5	2,8 / 5	2,4 / 5	2,8 / 5	2,95 / 5
		CO ₂ tons	1,01	1,35	1,62	1,89	1,62	1,89	1,99
Additional refrigerant charge		g/m	24	24	24	24	24	24	24
External diameters	Liquid	mm / inch	Φ9,52 - 3/8"	Φ9,52 - 3/8"	Φ9,52 - 3/8"	Φ9,52 - 3/8"	Φ9,52 - 3/8"	Φ9,52 - 3/8"	Φ9,52 - 3/8"
	Gas	mm / inch	Φ15,9 - 5/8"	Φ15,9 - 5/8"	Φ15,9 - 5/8"	Φ15,9 - 5/8"	Φ15,9 - 5/8"	Φ15,9 - 5/8"	Φ15,9 - 5/8"



electrical connections

Set			70M	88M	105M	120M	105T	140T	160T
ODU	Power supply	V/Hz/n°	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	400 / 50 / 3 + N	400 / 50 / 3 + N	400 / 50 / 3 + N
	Signal	no. of cables / section	2 x 2,5mm ² + G	2 x 4mm ² + G	2 x 4mm ² + G	2 x 4mm ² + G	4 x 2,5mm ² + G	4 x 2,5mm ² + G	4 x 2,5mm ² + 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
	Signal	no. of cables / section	2 x 1mm ² + G	2 x 1mm ² + G	2 x 1mm ² + G	2 x 1mm ² + G	2 x 1mm ² + G	2 x 1mm ² + G	2 x 1mm ² + G
			2 x 0,2mm ²	2 x 0,2mm ²	2 x 0,2mm ²	2 x 0,2mm ²	2 x 0,2mm ²	2 x 0,2mm ²	2 x 0,2mm ²

accessories

Standard

RG66A1

Infrared remote control for indoor units except for STELVIO

T-MBQ4-900

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

Optional

WF-60A2

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

The ON-OFF function can be used simultaneously with only one function among XYE port/BMS/Wi-Fi.

Note: the connection of this accessory also allows the connection of the standard wire control.

Control systems

(learn more at control System Page)

CONSOLE-SL 2 35M÷53M



A++

A+

COMFORT



Follow Me



Turbo



12 grades
indoor
Fan speed



10-grades
outdoor
Fan speed



Anti-cold
air Function



Temperature
Compensation



Auto
swing

RELIABILITY



Refrigerant
Leakage Detect



Self-diagnosis
Function



Emergency
using



Auto
defrosting



Low Ambient
Cooling

CONVENIENCE



Manual
ON/OFF



Contact
ON/OFF



Auto Restart
Function



Timer

ENERGY SAVING



Sleep
Mode

OPTIONAL



Central Control
Management



BMS
Communication

REMOTE CONTROL
RG66A1
(standard)



technical data

Set		S.IC2+MC2-Y		35M	53M
Cooling capacity	Standard (Min~Max)	Btu/h		12.000 (2.700~13.000)	16.500 (9.000~17.000)
	Standard (Min~Max)	kW		3,5 (0,77~3,81)	4,8 (2,6~5)
Heating capacity	Standard (Min~Max)	Btu/h		13.000 (1.600~14.800)	17.000 (7.500~19.600)
	Standard (Min~Max)	kW		3,8 (0,5~4,3)	5 (2,2~5,7)
Standard power input	Cooling	Standard (Min~Max)	W	1.080 (174~1.840)	1.511 (651~1.714)
	Heating	Standard (Min~Max)	W	1.020 (150~1.700)	1.400 (606~2.022)
Standard current input	Cooling	Standard (Min~Max)	A	4,8 (1,4~8,1)	6,2 (3~7,5)
	Heating	Standard (Min~Max)	A	4,6 (0,7~7,6)	6,2 (2,8~8,9)
Seasonal efficiency ¹	Cooling	Energy efficiency class	-	A++	A++
		Design load (Pdesign)	kW	3,5	4,8
		SEER	-	7,70	6,10
		Annual energy consumption	kWh/a	159	-
	Heating	Energy efficiency class	-	A+	A+
		Design load (Pdesign)	kW	3,6	4
		SCOP	-	4,30	4,00
		Annual energy consumption	kWh/a	1120	-
	Warmer season	Energy efficiency class	-	A+++	A+++
		SCOP	-	5,10	4,60
Standard efficiency	EER	-	-	3,23	3,20
	COP	-	-	3,74	3,56

Indoor unit

		IC2-XY		35M	53M
		Configuration code		AAICQ200-0001	AAICQ400-0001
Dimensions	Unit	L x P x A	mm	700x210x600	700x210x600
	Packaging (Unit)	L x P x A	mm	810x305x710	810x305x710
Weight	Unit / Packaging		kg	14.8/19	14.8/19
Air filter	Type		-	R/W	R/W
Airflow		Hi/Mid/Lo	m³/h	512/480/370	560/480/400
Sound power level		Hi	dB(A)	55	60
Sound pressure level		Hi/Mid/Lo	dB(A)	43/41/35	42,5/39/35
Control systems	Infrared remote control		-	RG66A1	RG66A1
	Settable temperature		°C	17~30	17~30
Power supply	Voltage/Frequency/Phases		V/Hz/n°	230 / 50 / 1	230 / 50 / 1

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

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;

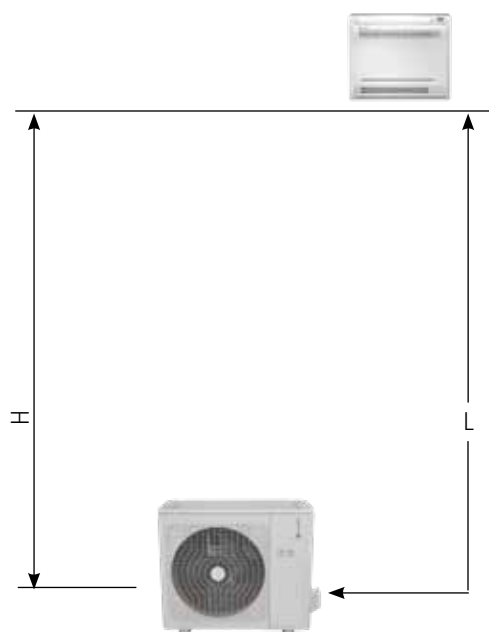
Heating: indoor air temperature 20°C DB/15°C WB; outdoor air temperature 7°C DB/6°C WB.

Data declared according to UE 626/2011 delegated regulation

Outdoor unit				MC2-Y	35M	53M
				Configuration code	AALDQ200-0003	AALDQ400-0002
Dimensions	Unit	L x P x A	mm		800x333x554	800x333x554
	Packaging	L x P x A	mm		920x390x625	920x390x625
Weight	Unit / Packaging		kg		34,7 / 37,5	33,7 / 36,6
Sound power level		Standard	dB(A)		63	63
Sound pressure level		Standard	dB(A)		56	55
Operating range	Cooling	Indoor T.	°C		17~32	17~32
		Outdoor T.	°C BS		-15~50	-15~50
	Heating	Indoor T.	°C		0~30	0~30
		Outdoor T.	°C BU		-15~24	-15~24
Refrigerant	Type/GWP		-		R-32 / 675	R-32 / 675
Power supply	Voltage/Frequency/Phases		V/Hz/n°		230 / 50 / 1	230 / 50 / 1
Current - 50Hz	Maximum fuse capacity (MFA)		A		20	20

refrigerant piping and connections

Set			35M	53M
Maximum length	L	m	25	30
Distance from ODU to IDU	H	m	±10	±20
Refrigerant charge		kg / m	0,87 / 5	1,15 / 5
Additional refrigerant charge		CO ₂ tons	0,59	0,78
Additional refrigerant charge		g/m	12	12
Pipe diameter	Liquid	mm / inch	Φ6,35 - 1/4"	Φ6,35 - 1/4"
	Gas	mm / inch	Φ9,52 - 3/8"	Φ12,7 - 1/2"



electrical connections

Set			35M	53M
ODU	Power supply	V/Hz/n°	230 / 50 / 1	230 / 50 / 1
	Signal	no. of cables / section	2 x 2,5mm ² + G	2 x 2,5mm ² + G
IDU	Power supply	V/Hz/n°	from ODU	from ODU
	Signal	no. of cables / section	2 x 1mm ² + G	2 x 1mm ² + G
		no. of cables / section	1 x 1mm ²	1 x 1mm ²

accessories

Standard

RG66A1 Infrared remote control for indoor units except for STELVIO

Optional

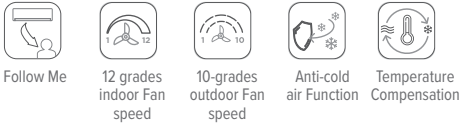
MD-NIM01 XYE port kit (required for connection of Centralized wired controller, Data Converter, BMS Gateway)

Control systems (learn more at Control System page)

DUCT-SL 2 35M-160M



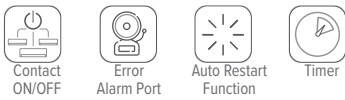
COMFORT



RELIABILITY



CONVENIENCE



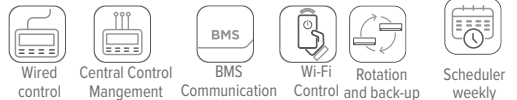
ENERGY SAVING



HEALTH



OPTIONAL



technical data

Set		S.ID2+MC2-Y		35M	53M	70M	88M	105M	120M	105T	140T	160T
Cooling capacity	Standard (Min~Max)	Btu/h		12.000 (5.100~16.200)	18.000 (8.700~19.400)	24.000 (11.800~27.800)	30.000 (7.600~33.500)	36.000 (13.800~41.000)	42.000 (8.800~42.000)	36.000 (13.800~41.000)	48.000 (14.500~51.800)	52.000 (20.000~59.000)
	Standard (Min~Max)	kW		3.5 (1.5~4.7)	5.3 (1.2~6.2)	7 (3.3~8.2)	8.8 (2.2~9.8)	10.6 (4~12)	12.3 (2.6~12.3)	10.6 (4~12)	14 (4.3~15.2)	15.2 (5.9~17.3)
Heating capacity	Standard (Min~Max)	Btu/h		14.000 (3.300~19.200)	20.000 (7.500~21.000)	26.000 (9.300~29.700)	32.000 (9.200~38.000)	38.000 (9.600~41.000)	46.000 (7.000~48.700)	38.000 (9.600~45.000)	55.000 (12.600~61.500)	62.000 (16.000~70.000)
	Standard (Min~Max)	kW		4.1 (1~5.6)	5.9 (2.2~6.2)	7.6 (2.7~8.7)	9.4 (2.7~11.1)	11.1 (2.8~13.2)	13.5 (2.1~14.3)	11.1 (2.8~13.2)	16.1 (3.7~18)	18.2 (4.7~20.5)
Standard power input	Cooling	Standard (Min~Max)	W	950 (350~1.620)	1.633 (710~1.900)	2.190 (480~2.850)	2.600 (901~3.350)	3.100 (900~4.900)	4.000 (230~4.350)	3.650 (890~4.980)	4.100 (1.170~5.699)	5.423 (1.274~6.651)
	Heating	Standard (Min~Max)	W	1.100 (350~2.050)	1.580 (740~1.760)	2.050 (500~2.880)	2.300 (430~2.900)	3.000 (800~4.640)	3.600 (340~4.291)	3.000 (780~4.665)	4.280 (948~5.824)	5.329 (1.042~6.034)
Standard current input	Cooling	Standard (Min~Max)	A	4.2 (1.7~7.2)	7.2 (3.2~8.3)	9.5 (2.1~12.4)	11.8 (2~15.5)	17.5 (4.2~19.6)	16 (1.5~19.1)	6.5 (1.4~8.2)	8.3 (1.8~9.4)	8.9 (2~11.6)
	Heating	Standard (Min~Max)	A	5 (1.7~9)	7.0 (3.3~7.7)	8.9 (2.2~12.5)	10.6 (3~13.5)	12.9 (3.6~18.4)	16.2 (1.9~18.8)	4.7 (1.3~7.4)	6.8 (1.5~9.2)	8.8 (1.6~10.5)
Seasonal efficiency ¹	Cooling	Energy efficiency class	-	A++	A++	A++	A++	A++	A++	A++	A++	A++
		Design load (Pdesign)	kW	3.5	5.3	7	8.8	10.5	12.4	10.5	14	15.3
		SEER	-	6.50	6.10	6.10	6.10	6.10	6.10	6.10	6.10	6.10
		Annual energy consump.	kWh/a	188	304	402	-	602	-	602	803	878
	Heating	Energy efficiency class	-	A+	A+	A+	A+	A+	A+	A+	A+	A+
		Design load (Pdesign)	kW	3.2	4.3	5.4	8.0	8.4	9.6	8.5	12.1	12.5
		SCOP	-	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
		Annual energy consump.	kWh/a	1.120	1.512	2.135	-	2.940	-	2.968	4.165	4.375
	Heating	Energy efficiency class	-	A+++	A+++	A+++	A+++	A+++	A+++	A+++	A+++	A+++
		SCOP	-	4.80	5.00	5.10	5.10	5.10	5.00	5.10	5.10	5.10
Standard efficiency	EER	-		3.69	3.23	3.21	3.38	2.64	3.37	2.57	2.72	2.81
	COP	-		3.73	3.71	3.72	4.08	3.59	3.76	3.71	3.76	3.42

Indoor unit		ID2-XY	35M	53M	70M	105M	105M	140M	105M	140M	160M
		Configuration code	AAIDQ200-0003	AAIDQ400-0003	AAIDQ600-0003	AAIDP100-0003	AAIDP100-0003	AAIDP300-0003	AAIDP100-0003	AAIDP300-0003	AAIDP400-0003
Dimensions	Unit	L x P x A	mm	700x450x200	880x674x210	1.100x774x249	1.360x774x249	1.360x774x249	1.200x874x300	1.360x774x249	1.200x874x300
	Packaging (Unit)	L x P x A	mm	860x540x285	1.070x725x280	1.305x805x305	1.570x805x305	1.570x805x305	1.405x915x355	1.570x805x305	1.405x915x355
Weight	Unit / Packaging		kg	18 / 22	24.3 / 29.6	31.5 / 38.9	40.5 / 48.5	40.5 / 48.5	47.6 / 55.8	40.5 / 48.5	47.6 / 55.8
Air filter	Type		-	R/W	R/W	R/W	R/W	R/W	R/W	R/W	R/W
Airflow	Hi/Mid/Lo	m ³ /h		600/480/300	880/650/350	1.248/1.054/839	1.400/1.150/750	1.400/1.150/750	2.400/2.040/1.680	1.400/1.150/750	2.400/2.040/1.680
Available 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 level	Hi	dB(A)		56	59	62	62	62	68	63	68
Sound pressure level	Hi/Mid/Lo	dB(A)		35/30.5/26	41.5/38/33	42/40/38	47/43/40	47/43/40	50.5/49.5/48	47/43/40	51/50/48
Control systems	Infrared remote control		-	RG66A1	RG66A1	RG66A1	RG66A1	RG66A1	RG66A1	RG66A1	RG66A1
	Settable temperature	°C		17~30	17~30	17~30	17~30	17~30	17~30	17~30	17~30
Power supply	Voltage/Frequency/Phases	V/Hz/n°		230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1

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

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;

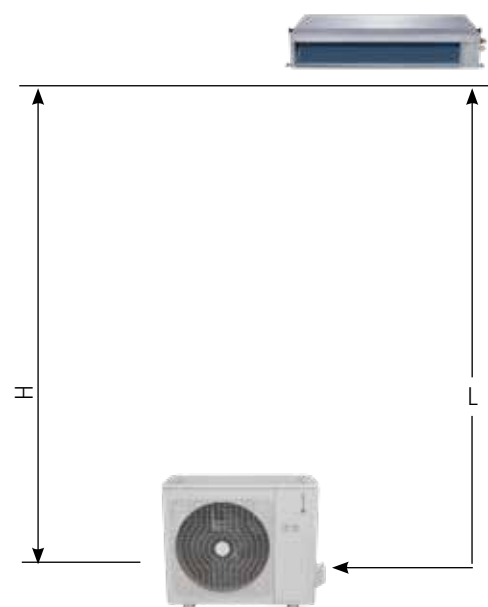
Heating: indoor air temperature 20°C DB/15°C WB; outdoor air temperature 7°C DB/6°C WB.

Data declared according to UE 626/2011 delegated regulation

Outdoor unit			MC2-Y	35M	53M	70M	88M	105M	120M	105T	140T	160T
			Configuration code	AALDQ200-0003	AALDQ400-0002	AALDQ600-0002	AALDQ900-0002	AALDP100-0002	AALDP200-0002	AALDR000-0002	AALDV100-0002	AALDV200-0002
Dimensions	Unit	L x P x A	mm	800x333x554	800x333x554	845x363x702	946x410x810	946x410x810	946x410x810	946x410x810	952x415x1.333	952x415x1.333
	Packaging	L x P x A	mm	920x390x625	920x390x625	965x395x765	1.090x500x885	1.090x500x885	1.090x500x885	1.090x500x885	1.095x495x1.480	1.095x495x1.480
Weight	Unit / Packaging		kg	34,7 / 37,5	33,7 / 36,6	66,8 / 72,6	56,9 / 61,8	66,8 / 73,4	73,9 / 78,9	81,5 / 87,0	106,7 / 119,9	111,3 / 124,3
Sound power level	Standard		dB(A)	63	63	65	67	67	72	68	72	74
Sound pressure level	Standard		dB(A)	55,5	55	62	59	65	65	64	66	66
Operating range	Cooling	Indoor T.	°C	17~32	17~32	17~32	17~32	17~32	17~32	17~32	17~32	17~32
		Outdoor T.	°C BS	-15~50	-15~50	-15~50	-15~50	-15~50	-15~50	-15~50	-15~50	-15~50
	Heating	Indoor T.	°C	0~30	0~30	0~30	0~30	0~30	0~30	0~30	0~30	0~30
		Outdoor T.	°C BU	-15~24	-15~24	-15~24	-15~24	-15~24	-15~24	-15~24	-15~24	-15~24
Refrigerant	Type/GWP		-	R-32 / 675	R-32 / 675	R-32 / 675	R-32 / 675	R-32 / 675	R-32 / 675	R-32 / 675	R-32 / 675	R-32 / 675
Power supply	Voltage/Frequency/Phases		V/Hz/n°	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	400 / 50 / 3 + N	400 / 50 / 3 + N	400 / 50 / 3 + N
Current - 50Hz	Maximum fuse capacity (MFA)		A	20	20	30	30	30	30	25	25	25

refrigerant piping and connections

Set			35M	53M	70M	88M	105M	120M	105T	140T	160T
Max equivalent length	m		25	30	50	50	65	50	65	65	65
Max difference in level ODU / IDU	m		±10	±20	±25	±25	±30	±30	±30	±30	±30
Refrigerant precharge	kg / m		0,87 / 5	1,15 / 5	1,5 / 5	2 / 5	2,4 / 5	2,8 / 5	2,4 / 5	2,8 / 5	2,95 / 5
	CO ₂ tons		0,59	0,78	1,01	1,35	1,62	1,89	1,62	1,89	1,99
Additional refrigerant charge	g/m		12	12	24	24	24	24	24	24	24
External diameters	Liquid	mm / inch	Φ6,35 - 1/4"	Φ6,35 - 1/4"	Φ9,52 - 3/8"	Φ9,52 - 3/8"	Φ9,52 - 3/8"	Φ9,52 - 3/8"	Φ9,52 - 3/8"	Φ9,52 - 3/8"	Φ9,52 - 3/8"
	Gas	mm / inch	Φ9,52 - 3/8"	Φ12,7 - 1/2"	Φ15,9 - 5/8"	Φ15,9 - 5/8"	Φ15,9 - 5/8"	Φ15,9 - 5/8"	Φ15,9 - 5/8"	Φ15,9 - 5/8"	Φ15,9 - 5/8"



LIGHT COMMERCIAL

electrical connections

Set			35M	53M	70M	88M	105M	120M	105T	140T	160T
ODU	Power supply	V/Hz/n°	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	400 / 50 / 3 + N	400 / 50 / 3 + N	400 / 50 / 3 + N
	Signal	no. of cables / section	2 x 2,5mm ² + G	2 x 2,5mm ² + G	2 x 2,5mm ² + G	2 x 4mm ² + G	2 x 4mm ² + G	2 x 4mm ² + G	4 x 2,5mm ² + G	4 x 2,5mm ² + G	4 x 2,5mm ² + G
IDU	Power supply	V/Hz/n°	from ODU	from ODU	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1
	Signal	no. of cables / section	2 x 1mm ² + G	2 x 1mm ² + G	2 x 1mm ² + G	2 x 1mm ² + G	2 x 1mm ² + G	2 x 1mm ² + G	2 x 1mm ² + G	2 x 1mm ² + G	2 x 1mm ² + G

accessories

Standard

RG66A1 Infrared remote control for indoor units except for STELVIO

Optional

WF-60A2 Smart port kit for the not hinwall indoor unit management via Wi-Fi (it includes adaptor and USB key)
The ON-OFF function can be used simultaneously with only one function among XYE port/BMS/Wi-Fi.

Note: the connection of this accessory also allows the connection of the standard wire control.

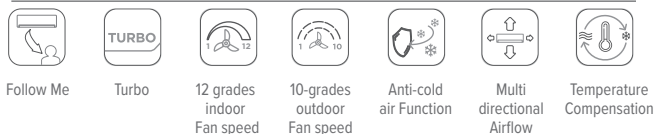
M120X Multifunction board to connect the indoor unit to the RAC-120X-2W wired control)

Control systems (learn more at Control System page)

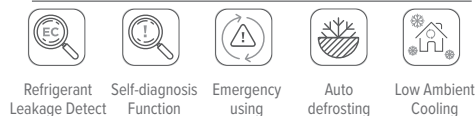
CEILING & FLOOR-SL 2 53M-160M



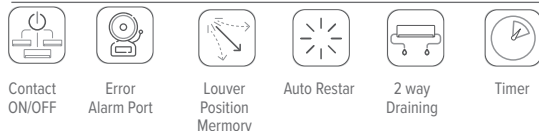
COMFORT



RELIABILITY



CONVENIENCE



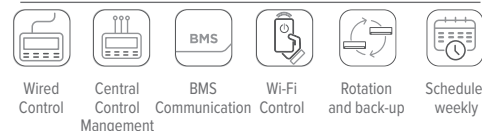
ENERGY SAVING



HEALTH



OPTIONAL



Wi-Fi
WF-60A2
(optional)



WIRED REMOTE
CONTROL
KJR120C1E
(optional)



WIRED REMOTE
CONTROL
RAC-120X-2W
(optional for 53M)
(necessary kit M120X)



REMOTE
CONTROL
RG66A1
(standard)



IF2-XY



MC2-Y

technical data

Set		S.IF2+MC2-Y		53M	70M	88M	105M	120M	105T	140T	160T
Cooling capacity	Standard (Min~Max)	Btu/h		18.000 (9.300~19.000)	24.000 (11.000~28.300)	30.000 (13.400~38.000)	36.000 (13.400~41.000)	40.000 (13.400~45.000)	36.000 (13.400~41.000)	48.000 (16.900~51.600)	54.000 (18.000~58.000)
	Standard (Min~Max)		kW	5,3 (2,7~5,6)	7 (3,2~8,3)	8,8 (4~10)	10,6 (3,9~12)	11,7 (5~13,1)	10,6 (3,9~12)	14,1 (5~15,1)	16 (5,3~17)
Heating capacity	Standard (Min~Max)	Btu/h		19.000 (8.300~21.500)	26.000 (8.300~29.500)	33.500 (10.000~41.000)	38.000 (9.600~46.000)	44.000 (13.000~51.100)	38.000 (9.600~47.600)	55.000 (13.000~61.600)	62.000 (15.000~67.000)
	Standard (Min~Max)		kW	5,6 (2,4~6,3)	7,6 (2,7~8,7)	9,8 (2,9~11,5)	11,1 (2,8~15)	12,9 (3,8~15)	11,1 (2,8~14)	16,1 (3,8~18,1)	18,2 (4,4~19,6)
Standard power input	Cooling	Standard (Min~Max)	W	1.633 (670~1.850)	2.190 (480~2.930)	2.654 (890~4.000)	3.800 (875~4.500)	3.734 (1.158~4.720)	3.750 (870~4.500)	5.500 (1.158~6.003)	6.063 (1.227~6.296)
	Heating	Standard (Min~Max)	W	1.500 (540~1.640)	2.050 (500~2.850)	2.373 (720~4.050)	3.040 (730~4.550)	3.824 (1.026~4.200)	3.000 (730~4.885)	5.050 (1.026~6.200)	6.036 (1.022~6.546)
Standard current input	Cooling	Standard (Min~Max)	A	7,2 (3,2~8,2)	10 (2,1~13,1)	11,8 (3,9~17,4)	16,7 (4,1~19,6)	16,3 (5,6~20,5)	5,8 (1,2~8,2)	9,1 (1,8~9,8)	10,5 (1,9~11,3)
	Heating	Standard (Min~Max)	A	6,6 (2,7~7,3)	9,5 (2,2~12,7)	10,6 (3,2~17,4)	14 (2,8~19,8)	16,7 (5,6~18,3)	4,8 (1,2~8,3)	8,1 (1,6~10,3)	9,9 (1,6~10,8)
Seasonal efficiency ¹	Cooling	Energy eff. class	-	A++	A++	A++	A++	A++	A++	A++	A++
		Des. load (Pdesign)	kW	5,3	7	8,8	10,5	11,8	10,5	14	15,9
		SEER	-	6,10	6,10	7,00	6,10	7,00	6,10	6,10	6,10
		Annual energy cons.	kWh/a	304	402	-	602	-	602	803	912
	Heating	Energy eff. class	-	A+	A+	A	A+	A	A+	A+	A+
		Des. load (Pdesign)	kW	4,2	5,4	7,3	8,7	9,3	9	11,5	11,9
		SCOP	-	4,00	4,00	3,80	4,00	4,80	4,00	4,00	4,00
		Annual energy cons.	kWh/a	1.470	1.890	-	3.045	-	3.150	3.885	4.165
	Average season	Energy eff. class	-	A+++	A+++	-	A+++	-	A+++	A+++	A+++
		SCOP	-	5,10	5,10	-	5,10	-	5,10	5,10	5,10
Standard efficiency	EER	-	-	3,24	3,21	3,31	2,78	3,13	2,81	2,56	2,64
	COP	-	-	3,71	3,72	4,14	3,37	3,37	3,71	3,19	3,02

Indoor Unit

		IF2-XY	53M	70M	105M	105M	140M	105M	140M	160M
		Configuration code	AAIFQ400-0001	AAIFQ600-0001	AAIFP100-0001	AAIFP100-0001	AAIFP300-0001	AAIFP100-0001	AAIFP300-0001	AAIFP400-0001
Dimensions	Unità	L x P x A	mm	1.068x675x235	1.068x675x235	1.650x675x235	1.650x675x235	1.650x675x235	1.650x675x235	1.650x675x235
	Imballo (Unità)	L x P x A	mm	1.145x755x318	1.145x755x313	1.725x755x313	1.725x755x313	1.725x755x313	1.725x755x313	1.725x755x313
Weight	Unità / Imballo		kg	28 / 33,3	26,8 / 31,9	39 / 45	39 / 45	41,2 / 47,6	39 / 45	41,4 / 47,8
Air filter	Tipo		-	R/W	R/W	R/W	R/W	R/W	R/W	R/W
Airflow	Hi/Mid/Lo	m³/h	880/760/650	1.208/1.066/853	2.160/1.844/1.431	2.160/1.844/1.431	2.329/1.930/1.417	2.160/1.844/1.431	2.329/1.930/1.417	2.454/1.834/1.426
Sound power level	Hi	dB(A)	58	61	62	61	67	59	66	69
Sound pressure level	Hi/Mid/Lo	dB(A)	41/38/34	50/46/41	51/47/42	51/47/42	54/50/46	51/47/42	54/50/46	54/47/42
Control systems	Infrared remote control	-	RG66A1	RG66A1	RG66A1	RG66A1	RG66A1	RG66A1	RG66A1	RG66A1
	Settable temperature	°C	17~30	17~30	17~30	17~30	17~30	17~30	17~30	17~30
Power supply	Voltage/Frequency/Phases	V/Hz/n°	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1

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

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;

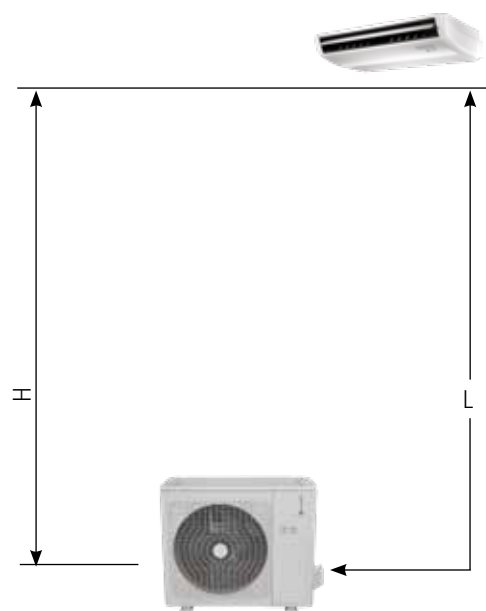
Heating: indoor air temperature 20°C DB/15°C WB; outdoor air temperature 7°C DB/6°C WB.

Data declared according to UE 626/2011 delegated regulation

Outdoor unit			MC2-Y	53M	70M	88M	105M	120M	105T	140T	160T
			Codice configurato	AALDQ400-0002	AALDQ600-0002	AALDQ900-0002	AALDP100-0002	AALDP200-0002	AALDR000-0002	AALDV100-0002	AALDV200-0002
Dimensions	Unit	L x P x A	mm	800x333x554	845x363x702	946x410x810	946x410x810	946x410x810	946x410x810	952x415x1.333	952x415x1.333
	Packaging	L x P x A	mm	920x390x625	965x395x765	1.090x500x885	1.090x500x885	1.090x500x885	1.090x500x885	1.095x495x1.480	1.095x495x1.480
Weight	Unit / Packaging		kg	35,6 / 38,5	66,8 / 72,6	56,9 / 61,8	66,8 / 73,4	73,9 / 78,9	81,5 / 87,0	106,7 / 119,9	111,3 / 124,3
Sound power level		Nominale	dB(A)	63	65	67	68	72	68	72	74
Sound pressure level		Nominale	dB(A)	57	62	59	67	65	64	66	66
Operating range	Cooling	T Interna	°C	17~32	17~32	17~32	17~32	17~32	17~32	17~32	17~32
		T esterna	°C BS	-15~50	-15~50	-15~50	-15~50	-15~50	-15~50	-15~50	-15~50
	Heating	T Interna	°C	0~30	0~30	0~30	0~30	0~30	0~30	0~30	0~30
		T esterna	°C BU	-20~24	-20~24	-15~24	-15~24	-15~24	-15~24	-15~24	-15~24
Refrigerant	Type/GWP		-	R-32 / 675	R-32 / 675	R-32 / 675	R-32 / 675	R-32 / 675	R-32 / 675	R-32 / 675	R-32 / 675
Power supply	Voltage/Frequency/Phases		V/Hz/n°	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	400 / 50 / 3 + N	400 / 50 / 3 + N	400 / 50 / 3 + N
Current - 50Hz	Maximum fuse capacity (MFA)		A	20	30	30	30	30	25	25	25

refrigerant piping and connections

Set			53M	70M	88M	105M	120M	105T	140T	160T
Max equivalent length	L	m	30	50	50	65	50	65	65	65
Max difference in level ODU / IDU	H	m	±20	±25	±25	±30	±30	±30	±30	±30
Refrigerant precharge		kg / m	1,15 / 5	1,5 / 5	2 / 5	2,4 / 5	2,8 / 5	2,4 / 5	2,8 / 5	2,95 / 5
		CO ₂ tons	0,78	1,01	1,35	1,62	1,89	1,62	1,89	1,99
Additional refrigerant charge		g/m	12	24	24	24	24	24	24	24
External diameters	Liquid	mm / inch	Φ6,35 - 1/4"	Φ9,52 - 3/8"	Φ9,52 - 3/8"	Φ9,52 - 3/8"	Φ9,52 - 3/8"	Φ9,52 - 3/8"	Φ9,52 - 3/8"	Φ9,52 - 3/8"
	Gas	mm / inch	Φ12,7 - 1/2"	Φ15,9 - 5/8"	Φ15,9 - 5/8"	Φ15,9 - 5/8"	Φ15,9 - 5/8"	Φ15,9 - 5/8"	Φ15,9 - 5/8"	Φ15,9 - 5/8"



LIGHT COMMERCIAL

electrical connections

Set			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 + N	400 / 50 / 3 + N	400 / 50 / 3 + N
	Signal	no. of cables / section	2 x 2,5mm ² + G	2 x 4mm ² + G	2 x 4mm ² + G	2 x 4mm ² + G	2 x 4mm ² + G	4 x 2,5mm ² + G	4 x 2,5mm ² + G	4 x 2,5mm ² + G
IDU	Power supply	V/Hz/n°	from ODU	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1
	Signal	no. of cables / section	2 x 1mm ² + G	2 x 1mm ² + G	2 x 1mm ² + G	2 x 1mm ² + G	2 x 1mm ² + G	2 x 1mm ² + G	2 x 1mm ² + G	2 x 1mm ² + G
		no. of cables / section	1 x 1mm ²	2 x 0,2mm ²	2 x 0,2mm ²	2 x 0,2mm ²	2 x 0,2mm ²	2 x 0,2mm ²	2 x 0,2mm ²	2 x 0,2mm ²

accessories

Standard

RG66A1

Infrared remote control for indoor units except for STELVIO

Optional

WF-60A2

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

The ON-OFF function can be used simultaneously with only one function among XYE port/BMS/Wi-Fi.

Note: the connection of this accessory also allows the connection of the standard wire control.

M120X

Multifunction board to connect the indoor unit to the RAC-120X-2W wired control)

Control systems

(learn more at Control System page)

STANDING-SL 2 140M



A++ A+

COMFORT



Follow Me



12 grades
indoor
Fan speed



10-grades
outdoor
Fan speed



Anti-cold
air Function



Temperature
Compensation

RELIABILITY



Allarme perdita
refrigerante



Self-diagnosis
Function



Emergency
using



Auto
defrosting



Low Ambient
Cooling

CONVENIENCE



Auto-restart



Timer

ENERGY SAVING



Sleep
Mode

HEALTH



Fresh
air



REMOTE
CONTROL
RG66A1
(standard)



IS2-XY



MC2-Y

technical data

Set	S.IS2+MC2-Y			140T
Cooling capacity	Standard (Min~Max)		Btu/h	48.000 (16.900~52.700)
	Standard (Min~Max)		kW	14,1 (5~15,5)
Heating capacity	Standard (Min~Max)		Btu/h	55.000 (15.000~63.100)
	Standard (Min~Max)		kW	16,1 (4,4~18,5)
Standard power input	Cooling	Standard (Min~Max)	W	4.950 1.158~5.909
	Heating	Standard (Min~Max)	W	5.200 1.022~6.200
Standard current input	Cooling	Standard (Min~Max)	A	8 1,8~10
	Heating	Standard (Min~Max)	A	8,5 1,6~10,5
Seasonal efficiency ¹	Cooling	Energy eff. class	-	A++
		Des. load (Pdesign)	kW	14,6
		SEER	-	6,10
		Annual energy cons.	kWh/a	-
	Heating	Energy eff. class	-	A+
		Des. load (Pdesign)	kW	11
		SCOP	-	4,00
		Annual energy cons.	kWh/a	-
	Average season	Energy eff. class	-	A+++
		SCOP	-	5,10
Standard efficiency	Heating	Energy eff. class	-	A+++
	Warmer season	SCOP	-	5,10
Standard efficiency	EER	-	-	2,84
	COP	-	-	3,10

Indoor Unit	IS2-XY			140M
		Configuration code		AAISP300-0001
Dimensions	Unit	L x P x A	mm	629x456x1.935
	Packaging (Unit)	L x P x A	mm	750x575x2.055
Weight	Unit / Packaging		kg	58,4 / 77,1
Air filter	Type		-	R/W
Airflow		Hi/Mid/Lo	m³/h	2.413/2.222/2.027
Sound power level		Hi	dB(A)	66
Sound pressure level		Hi/Mid/Lo	dB(A)	55/53/51
Control systems	Infrared remote control		-	RG66A1
	Settable temperature		°C	17~30
Power supply	Voltage/Frequency/Phases		V/Hz/n°	230 / 50 / 1

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

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

MC2-Y

140T

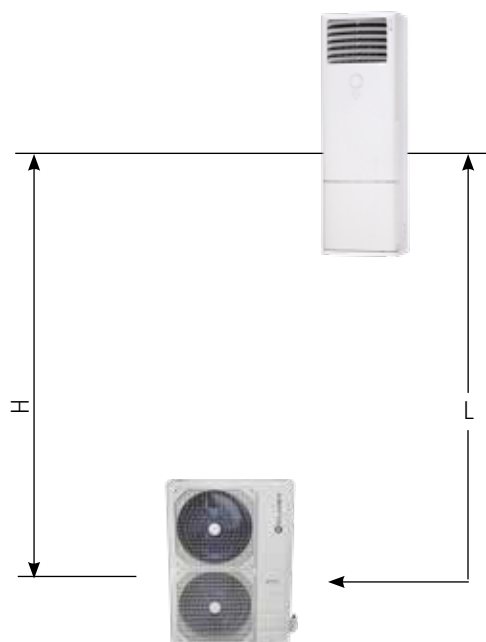
		Configuration code		AALDV100-0002
Dimensions	Unit	L x P x A	mm	952x415x1.333
	Packaging	L x P x A	mm	1.095x495x1.480
Weight	Unit / Packaging		kg	106,7 / 119,9
Sound power level		Standard	dB(A)	72
Sound pressure level		Standard	dB(A)	66
Operating range	Cooling	Indoor T.	°C	17°~32
		Outdoor T.	°C BS	-15°~50
	Heating	Indoor T.	°C	0°~30
		Outdoor T.	°C BU	-15°~24
Refrigerant	Type/GWP			R-32 / 675
Power supply	Voltage/Frequency/Phases		V/Hz/n°	400 / 50 / 3 + N
Current - 50Hz	Maximum fuse capacity (MFA)		A	25

refrigerant piping and connections

Set

140T

Max equivalent length	L	m	65
Max difference in level ODU / IDU	H	m	±30
Refrigerant precharge		kg / m	2,8 / 5
		CO ₂ tons	1,89
Additional refrigerant charge		g/m	24
External diameters	Liquid	mm / inch	Φ9,52 - 3/8"
	Gas	mm / inch	Φ15,9 - 5/8"



electrical connections

Set

140T

ODU	Power supply	V/Hz/n°	400 / 50 / 3 + N
	Signal	no. of cables / section	4 x 2,5mm ² + G
IDU	Power supply	V/Hz/n°	230 / 50 / 1
	Signal*	no. of cables / section	2 x 1mm ² + G
			2 x 0,2mm ²

* shielded cable

accessories

Standard

RG66A1

Infrared remote control for indoor units except for STELVIO

ACCESSORIES and CONTROL SYSTEMS

Voice control

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.

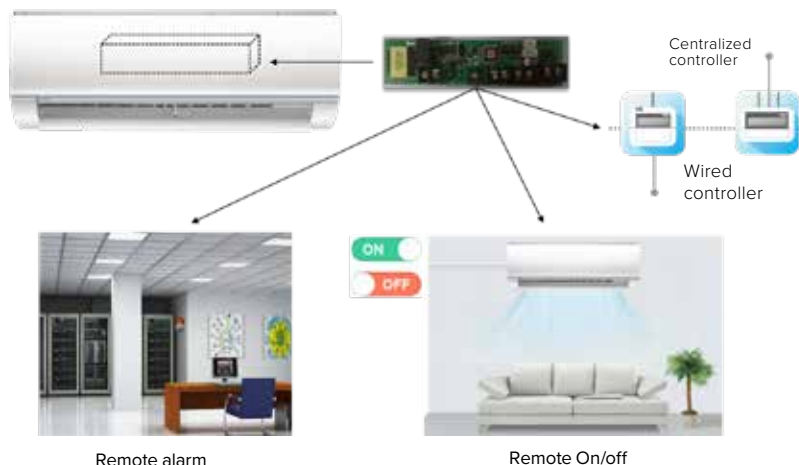
Try these functions:

- 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
- 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 the living room air conditioner at low speed

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 (KJR120CI / KJR120C1E / RAC-120X-2W)
- ▶ Wired centralisers (CCM09 / CCM30-B);
- ▶ Management systems based on Cloud servers (CCM15 data converter);
- ▶ Communication systems based on the following protocols: Modbus, LonWorks, BACnet and KNX (CCM18A, CCM18ANU, LonGW64, CCM08, KNX).



	REMOTE ON/OFF	REMOTE ALARM	XYE PORT (COMMUNICATION)	CONTEMPORARY MANAGEMENT TO WI-FI	PREMIUM CONTROL
MBLCX (STELVIO)	●	●	●	●	
MK1X (SCHIARA)	●	●	●	●	
MKSSX (CRISTALLO)	●		●		
MD-NIM01 (CONSOLE)			●		
M120X (DUCT, no 27M/35M/160M) (CEILIN&FLOOR, only 53M)					●

Note:

● = all the functions can be used simultaneously

● = it is necessary to choose which function to use

ACCESSORIES and CONTROL SYSTEMS

Individual control systems

RG66A1 / RG66A (SCHIARA)

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

- ▶ ON/OFF - Operating mode - Temperature set-point - Fan speed - Slat 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 probe
- ▶ 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
- ▶ Management of the ionising filter (RG66A - SCHIARA)



RG66B3

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



KJR120CI / KJR120C1E

Wired remote controller with LCD display (optional feature), also including the following special features:

- ▶ Visualisation of error codes on the display
- ▶ Visualisation of the detected room temperature
- ▶ Visualisation of the clock
- ▶ Weekly scheduler
- ▶ Management of the constant flow rate function for ductable indoor units (KJR120C1E)



Note: the standard cables are 6 m long, the maximum cable length is 20 m

RAC-120X-2W

"PREMIUM" wired controller for indoor units, with additional functions:

- ▶ Unit control: Mode - Temperature - Fan speed
- ▶ Rotation and Back-up
- ▶ Weekly schedule
Simplified:
 - up to 4 settings/day
 - ON/OFF onlyEquipped with:
 - up to 8 settings/day
 - ON/OFF - Mode - Temperature - Fan
- ▶ Dual Control



ACCESSORIES and CONTROL SYSTEMS



Wi-Fi kit

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

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



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

The Wi-Fi kit is an option for ductable units (DUCT-SM 2 / DUCT-SL 2), box-type systems (BOX-SM 2 / BOX-SL 2) and floor & ceiling systems (CEILING&FLOOR-SM 2/ CEILING&FLOOR-SL 2), and can be connected using the WF-60A2 adapter.



The connection of the WF-60A2 accessory excludes the possibility of using the XYE communication port (the remote ON/OFF function instead remains available).

The standard wire control KJR-120C1E can be used regularly by connecting it to the unit through the door in the WF-60A2 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.



TIMER SCHEDULING

Setting of scheduled on / off functions during the week



ACCESSORIES and CONTROL SYSTEMS

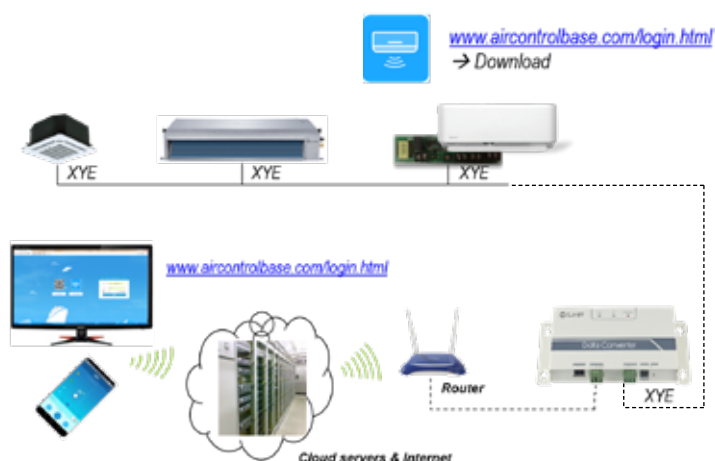


Management via Cloud server (SPLIT / VRF) - CCM15

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

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

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



INTUITIVE CONTROL INTERFACE

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



Functions available with SPLIT systems

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

Additional functions with VRF systems

- Locking of single controllers
- Weekly scheduler
- Follow Me
- Alarm visualisation

WEEKLY TIMER (ONLY FOR VRF)

Users can set a weekly schedule for both single units and groups of units; each day can be split into multiple sections. The remote controller automatically adjusts the On/Off status, operating mode and temperature setting on the basis of the schedule of each unit.



ACCESSORIES and CONTROL SYSTEMS



Control systems for groups of units (SPLIT / VRF)

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

Note: further functions are available with the VRF range

KJR-150A

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

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

Only with VRF:

- ▶ Timer

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



Note: the accessory works in combination with one of the standard IDU remote controls (RG66A1 / RG66A / RG66B3). The remote control must be selected separately.

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 fins oscillation
- ▶ Management of single unit / all units

Only with VRF:

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

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



CCM09

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

- ▶ ON/OFF - Operating mode - Temperature set-point - Fan speed - automatic fins oscillation
- ▶ Management of single unit / all units

Only with VRF:

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

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



ACCESSORIES and CONTROL SYSTEMS



CCM-180A/WS

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

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

Note: not compatible with mixed SPLIT / VRF systems

Only with VRF:

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

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



CCM-270A/WS

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

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



Only with VRF:

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

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

Communication with BMS management systems (SPLIT/VRF)

SPLIT systems can be managed with the latest home and building automation technologies, using automation systems to coordinate them with all the other systems in the building (illumination, security systems, household appliances, etc.) and optimise energy consumption.

The protocols that can be managed and their relative characteristics are specified below::

Protocol					
	KNX	CCM18ANU	CCM18A	LonGW64	CCM08
Compatible with VRF / SPLIT	●	●	●	●	●
External power supply not necessary	●				
Max. no. of connectible units	1	16	64	64	256
Management of basic functions (ON/OFF - Operating mode - Fan speed)	●	●	●	●	●
Reading of unit parameters	●	●	●	●	●

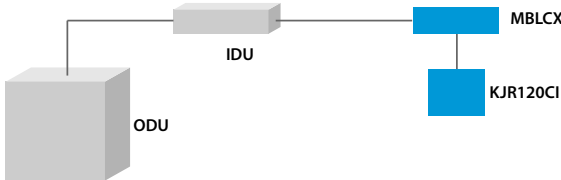
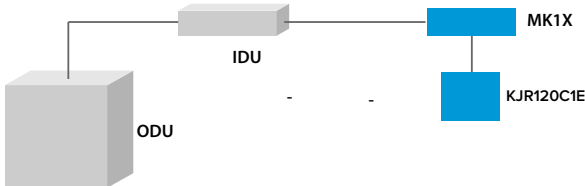
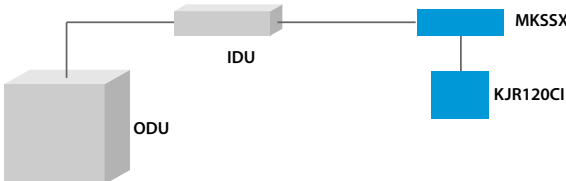
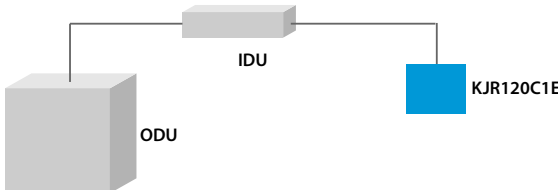
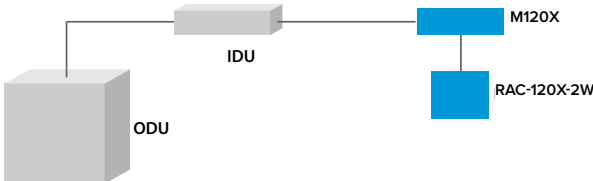
ACCESSORIES

TYPE	APPARENCE	MODEL	ARTICLE CODE	DESCRIPTION	COMPATIBLE SERIES
Multifunction Kit		MBLCX	PEK100007	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) ON-OFF/Alarm/XYE Port can be used simultaneously	STELVIO IH1-Y
		MK1X	PEIE00004	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) ON-OFF/Alarm/XYE Port can be used simultaneously	SCHIARA 2 IE1-XY
		MKSSX	PEK300006	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) ON-OFF/Alarm/XYE Port can be used simultaneously	CRISTALLO 2 IM1-XY
		M120X	PEID00001	Multifunction board that makes the indoor unit connectable to the RAC-120X-2W wired control	DUCT 2 ID2-XY (53M/70M 105M/140M) CEILING & FLOOR 2 IF2-XY (53M)
		MD-NIM01	PEK300005	XYE port kit (required for connection of Centralized wired controller, Data Converter, BMS Gateway)	CONSOLE 2 IC2-XY
Kit Wi-Fi		NWMX	PEKU00002	Wi-Fi kit for indoor units	All series except: CONSOLE-SM 2 CONSOLE-SL 2 IC2-XY STANDING-SL 2 IS2-XY
		WF-60A2	PEIA00003	Smart port kit for the hiwall indoor unit management via Wi-Fi (it includes the adaptor and the USB key)	DUCT 2 ID2-XY BOX 2 IB2-XY IA2-XY CEILING & FLOOR 2 IF2-XY
Connection kit for TWIN systems		FQZHN-01D	PEVR00004	Branch Joint kit for LCAC TWIN systems	DUCT 2 ID2-XY 70M-105M BOX 2 IA2-XY 70M-105M CEILING & FLOOR 2 IF2-XY 70M-105M

CONTROL SYSTEMS

TYPE	APPARENCE	MODEL	ARTICLE CODE	DESCRIPTION	COMPATIBLE SERIES
Infrared remote control		RG66B3	PEKU00005	Infrared remote control for STelvio indoor units	STelvio IH1-Y
		RG66A	PEKU00015	Infrared remote control for SCHIARA indoor units	SCHIARA IE1-XY
		RG66A1	PEKU00013	Infrared remote control for indoor units	All series except: STelvio IH1-Y SCHIARA IE1-XY
Wired control for single unit		KJR120CI	PEK100008	Wired controller for Hiwall STelvio and CRISTALLO indoor unit	STelvio IH1-Y CRISTALLO IM1-XY
		KJR120C1E	PEKU00014	Wired controller for SCHIARA, Duct, Box, Ceiling & Floor indoor units	SCHIARA 2 IE1-XY DUCT 2 ID2-XY BOX 2 IB2-XY IA2-XY CEILING & FLOOR 2 IF2-XY
		RAC-120X-2W	PEK100009	Wired control "PREMIUM" for indoor units with additional functions	DUCT 2 ID2-XY (53M/70M/105M/140M) CEILING & FLOOR 2 IF2-XY (53M)
Centralised wired controller		KJR-150A	PEVR00029	Control interface for a group of indoor units, up to 16 indoor units. Remote control to be selected separately	All series except: STANDING-SL 2 IS2-XY
		CCM09	PEVR00014	Wired centraliser with weekly scheduler, up to 64 indoor units	
		CCM30-B	PEVR00038	Wired centraliser with BMS access up to 64 indoor units	
		CCM-180A/WS	PEVR00053	Wired central unit with 6.2" touchscreen display with weekly scheduler, up to 64 indoor units.	
Data converter		CCM-270A/WS	PEVR00054	Wired central unit with 10.1" touchscreen display with weekly scheduler, LAN port, up to 384 indoor units . Compatible for mixed VRF + SPLIT systems	All series except: STANDING-SL 2 IS2-XY
		CCM15	PEVR00041	Data converter for Cloud-based management, up to 64 indoor units	
Gateway BMS		LonGW64	PEVR00020	LonWorks Gateway, up to 64 indoor units	
		CCM08	PEVR00018	BACnet Gateway, up to 256 indoor units and 128 outdoor units	
		CCM18A	PEVR00019	Modbus Gateway, up to 64 indoor units and 4 outdoor units	
		CCM18ANU	PEVR00031	Modbus Gateway, up to 16 indoor units	
		KNX	PEVR00035	KNX Gateway, for single indoor unit	

ACCESSORIES and CONTROL SYSTEMS

TYPE	CONNECTION SCHEME	COMPATIBLE SERIES
Wired control for single unit		STELVIO IH1-Y
	Required accessories MBLCX (multifunction kit) KJR120CI (wired control)	
		SCHIARA IE1-XY
	Required accessories MK1X (multifunction kit) KJR120C1E (wired control)	
		CRISTALLO IM1-XY
	Required accessories MKSSX (multifunction kit) KJR120CI (wired control)	
		DUCT 2 ID2-XY BOX 2 IB2-XY IA2-XY CEILING & FLOOR 2 IF2-XY
	Required accessories KJR120C1E (wired control)	
		DUCT 2 ID2-XY (53M/70M 105M/140M) CEILING & FLOOR 2 IF2-XY (53M)
	Required accessories M120X (multifunction kit) RAC-120X-2W (wired control PREMIUM)	

ACCESSORIES and CONTROL SYSTEMS

TYPE	CONNECTION SCHEME	COMPATIBLE SERIES
Centralized controller or Control via Cloud (App or Web Server)	Required accessories MBLCX / MK1X / MKSSX (multifunction kit) CCM09/CCM30-B/KJR-150A (centralized controller) CCM15 (data converter)	STELVIO IH1-XY (MBLCX) CRISTALLO IM1-XY (MKSSX) SCHIARA IE1-XY (MK1X)
	Required accessories CCM09/CCM30-B/KJR-150A (centralized controller) CCM15 (data converter)	BOX 2 IB2-XY IA2-XY CEILING & FLOOR 2 IF2-XY DUCT-SM 2 DUCT-SL 2 ID2-XY
	Required accessories MD-NIM01 (multifunction kit) CCM09/CCM30-B/KJR-150A (centralized controller) CCM15 (data converter)	CONSOLE 2 IC2-XY
	Required accessories WF-60A2 (Smart port kit)	DUCT 2 ID2-XY BOX 2 IB2-XY IA2-XY CEILING & FLOOR 2 IF2-XY
Wi-Fi	Required accessories WF-60A2 (Smart port kit)	DUCT 2 ID2-XY BOX 2 IB2-XY IA2-XY CEILING & FLOOR 2 IF2-XY

ACCESSORIES and CONTROL SYSTEMS

TYPE	CONNECTION SCHEME	COMPATIBLE SERIES
BMS management	Required accessories MBLCX (multifunction kit) LonGW64/CCM08/CCM18A/CCM18ANU/KNX (Gateway) Software BMS	STELVIO IH1-Y
	Required accessories MK1X (multifunction kit) LonGW64/CCM08/CCM18A/CCM18ANU/KNX (Gateway) Software BMS	SCHIARA IE1-XY
	Required accessories MKSSX (multifunction kit) LonGW64/CCM08/CCM18A/CCM18ANU/KNX (Gateway) Software BMS	CRISTALLO IM1-XY
	Required accessories LonGW64/CCM08/CCM18A/CCM18ANU/KNX (Gateway) Software BMS	DUCT 2 ID2-XY BOX 2 IB2-XY IA2-XY CEILING & FLOOR 2 IF2-XY
	Required accessories MD-NIM01 (multifunction kit) LonGW64/CCM08/CCM18A/CCM18ANU/KNX (Gateway) Software BMS	CONSOLE 2 IC2-XY

COMPATIBILITY TABLE OF INDOOR / OUTDOOR UNITS

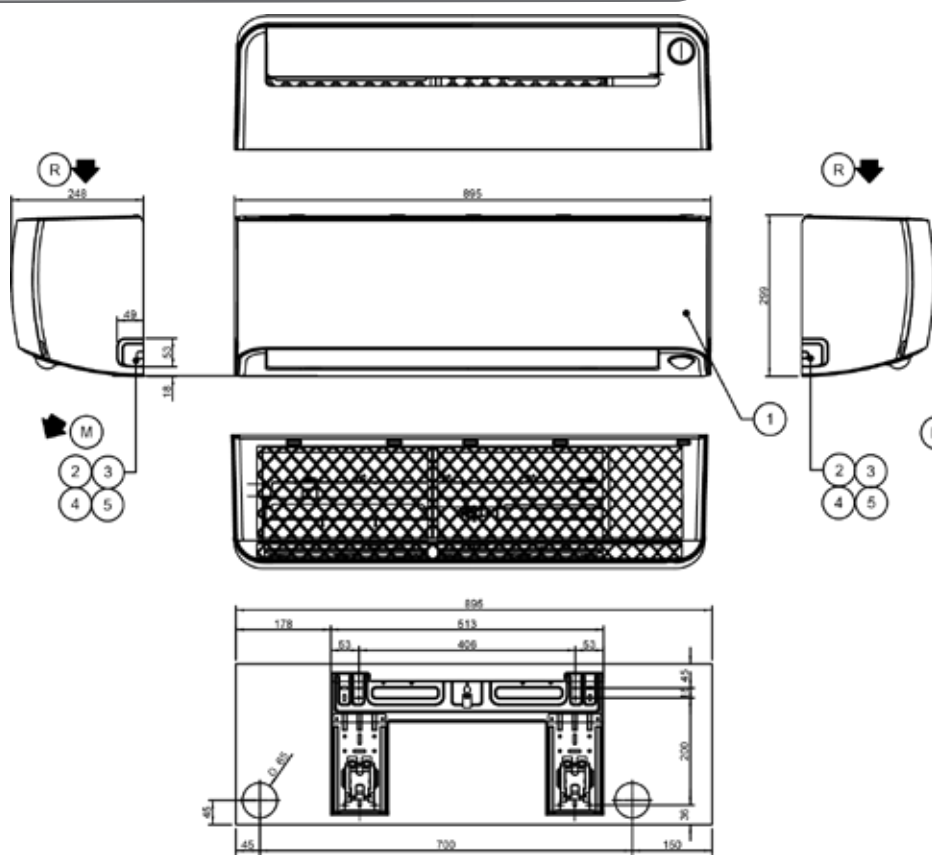
	CRISTALLO R410 MM1-X	CRISTALLO R32 MM1-Y	ESSENTIAL R410A ML1-X	ESSENTIAL 2 R32 ML2-Y	ODU-SM R410 MU1-X	ODU-SM R32 MU1-Y	ODU-SL R410 MC1-X	ODU-SL R32 MC2-Y
CRISTALLO-SM IM1-X (2017)	●	-	-		●	-	-	-
CRISTALLO-SM IM1-Y / IM1-XY	●	●	-	-	●	●	-	-
ESSENTIAL-SM IL1-X	-	-	●	●	●	●	-	-
ESSENTIAL-SM 2 IL2-XY	-	-	●	●	●	●	-	-
BOX-SM IB1-XY	-	-	-	-	●	● (27M-53M)	-	-
BOX-SL 650x650 IA1-X	-	-	-	-	-	-	●	-
BOX-SM/SL 2 650x650 IB2-XY	-	-	-	-	●	●	-	●
BOX-SL 950x950 IA1-X	-	-	-	-	-	-	●	-
BOX-SL 2 950x950 IA2-XY	-	-	-	-	-	-	●	●
CONSOLE-SL IO1-X (2017)	-	-	-	-	-	-	●	-
CONSOLE-SM/SL IC1-X	-	-	-	-	●	-	●	-
CONSOLE-SM/SL2 IC2-XY	-	-	-	-	● (NO 53M)	●	● (NO 53M)	●
DUCT-SM ID1-X (2017)	-	-	-	-	●	-	-	-
DUCT-SL IU1-X (2017)	-	-	-	-	-	-	●	-
DUCT-SM ID1-XY	-	-	-	-	●	● (NO 27M-53M)	●	● (NO 35M/53M)
DUCT-SM 2 ID2-XY	-	-	-	-	●	●	● (NO 53M)	●
C&F-SM IF1-X	-	-	-	-	●	●	●	● (NO 53M)
C&F-SM 2 IF2-XY	-	-	-	-	●	●	● (NO 53M)	●
STANDING-SL IS1-X	-	-	-	-	-	-	●	-
STANDING-SL 2 IS2-XY	-		-	-	-	-	-	●

EXTERNAL DIMENSIONS

MONOSplit

STELVIO - Indoor unit

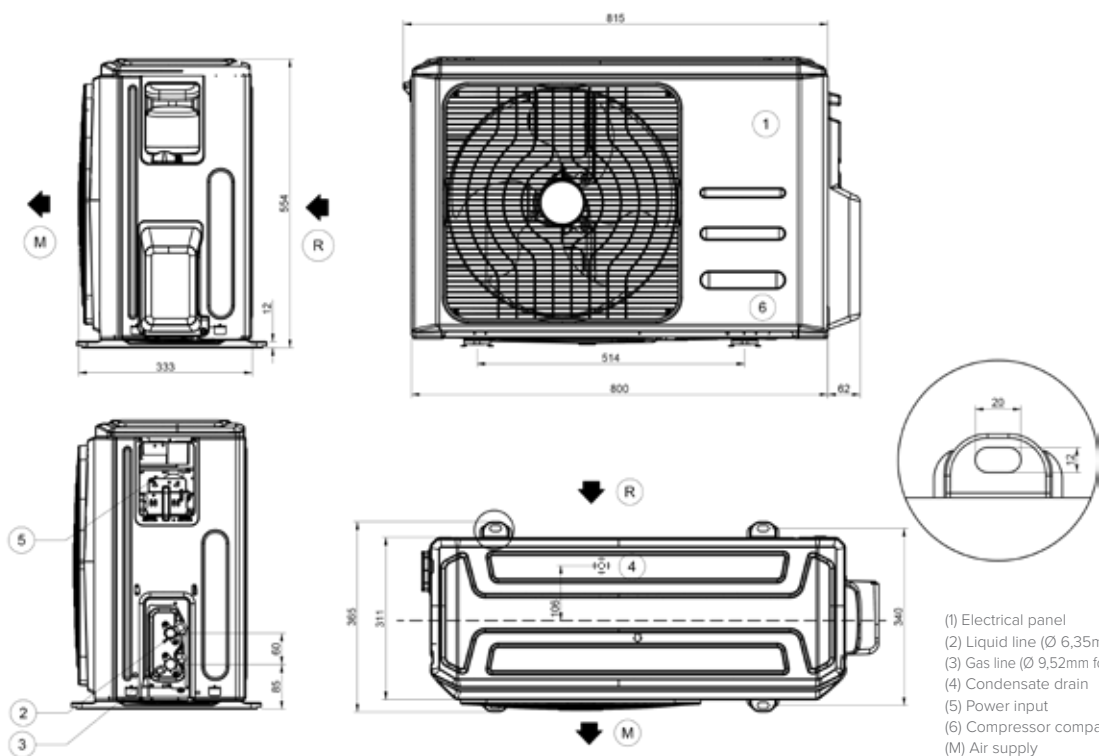
IH1-Y 27M ÷ 35M



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

STELVIO - Outdoor unit

MH1-Y 27M ÷ 35M



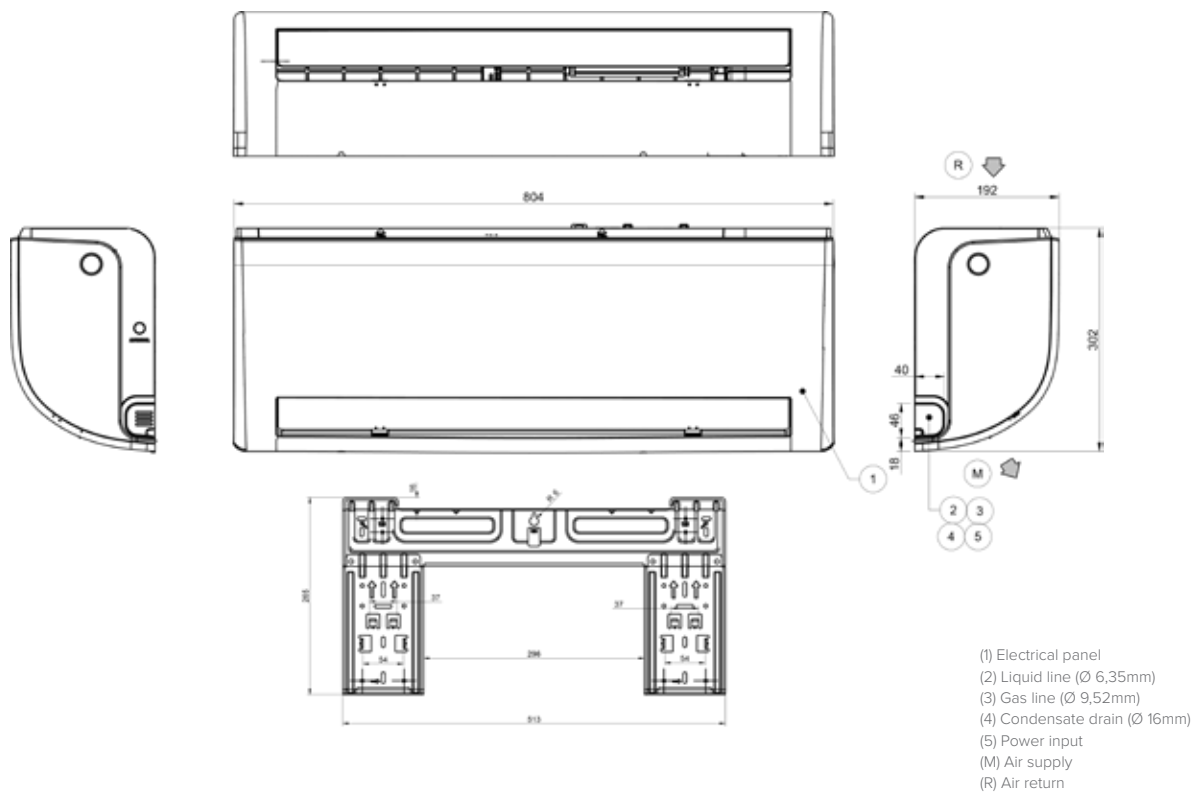
- (1) Electrical panel
- (2) Liquid line (Ø 6,35mm)
- (3) Gas line (Ø 9,52mm for 27M and 35M, Ø12,7 for 53M)
- (4) Condensate drain
- (5) Power input
- (6) Compressor compartment
- (M) Air supply
- (R) Air return

Unit of measurement: mm

EXTERNAL DIMENSIONS

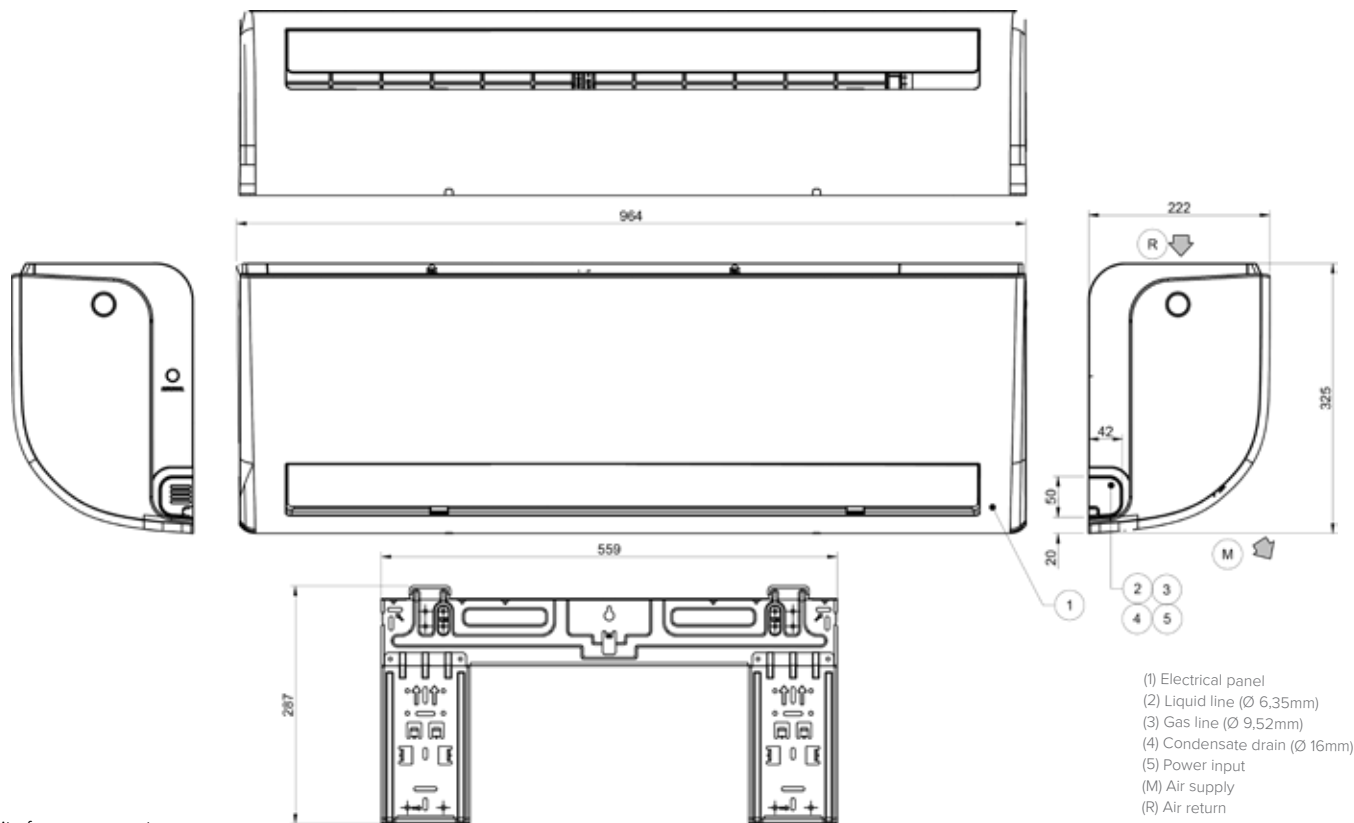
SCHIARA - Indoor unit

IE1-XY 27M÷ 35M



SCHIARA - Indoor unit

IE1-XY 53M

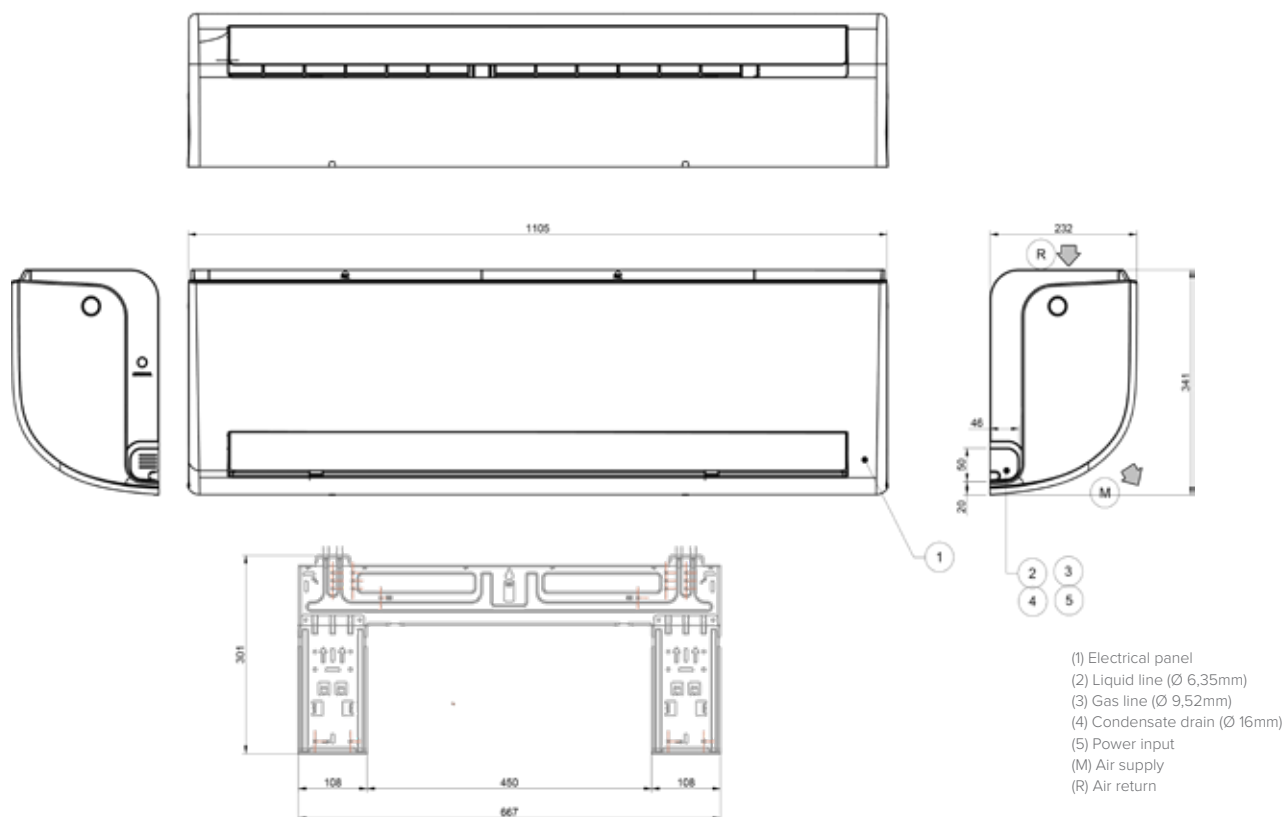


Unit of measurement: mm

EXTERNAL DIMENSIONS

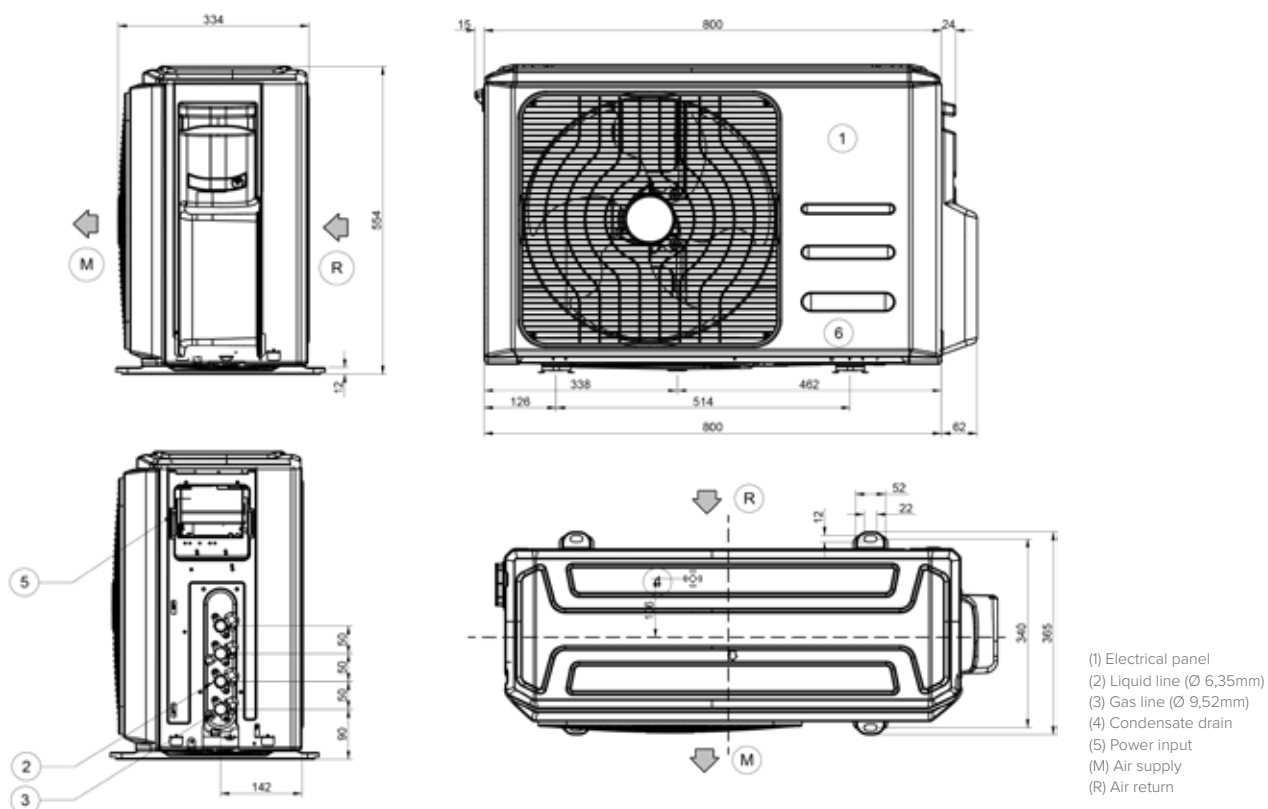
SCHIARA - Indoor unit

IE1-XY 70M



SCHIARA - Outdoor unit

ME1-Y 27M ÷ 35M

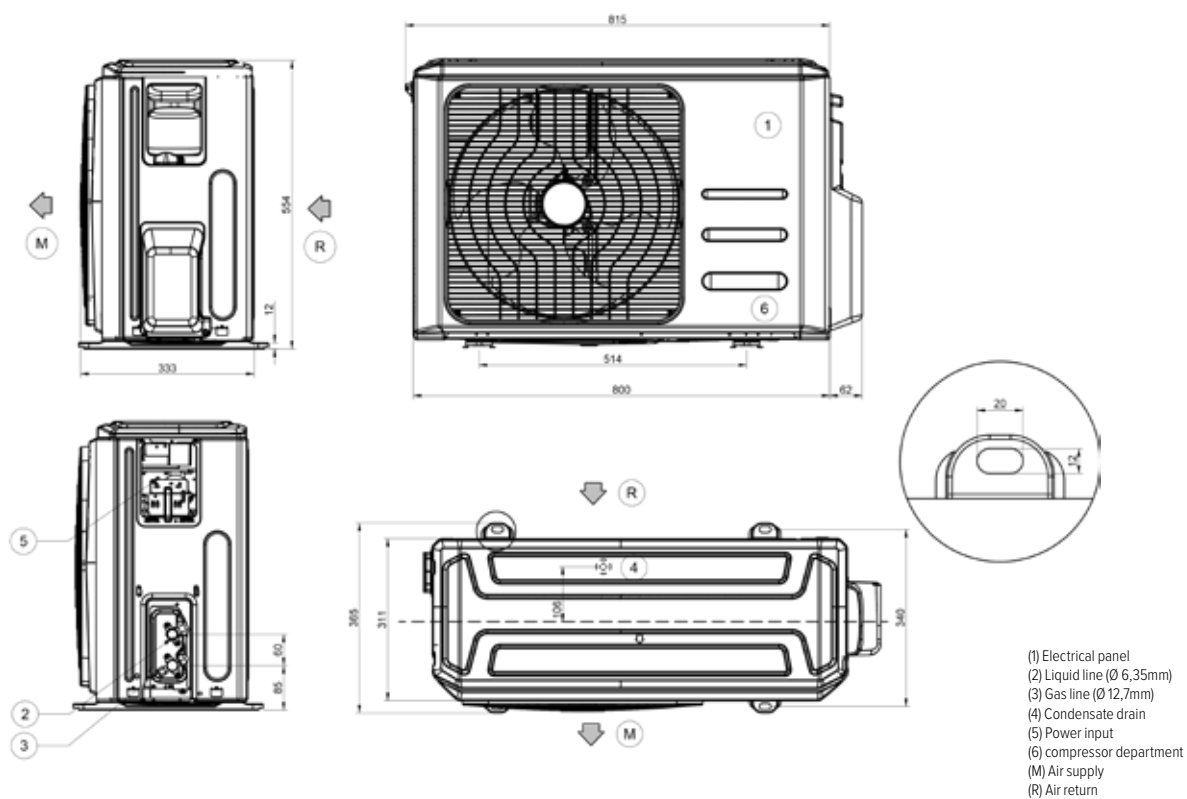


Unit of measurement: mm

EXTERNAL DIMENSIONS

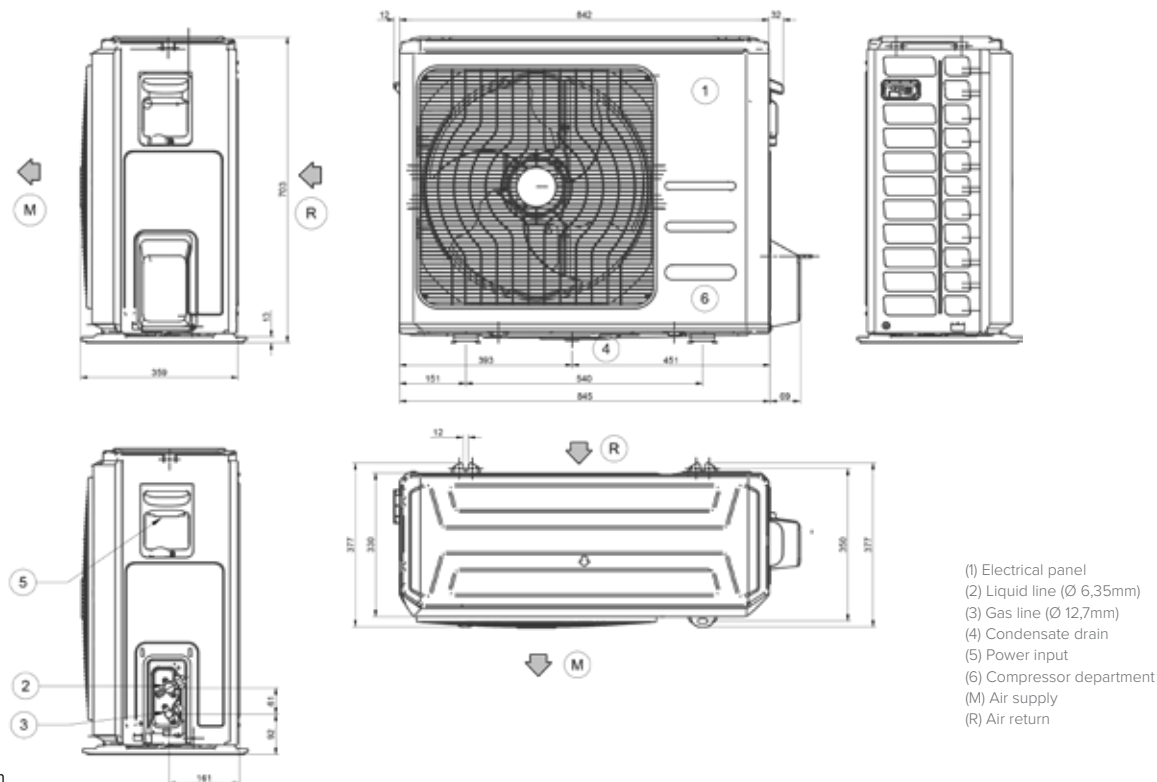
SCHIARA - Outdoor unit

MM1-Y 53M



SCHIARA - Outdoor unit

MM1-Y 70M

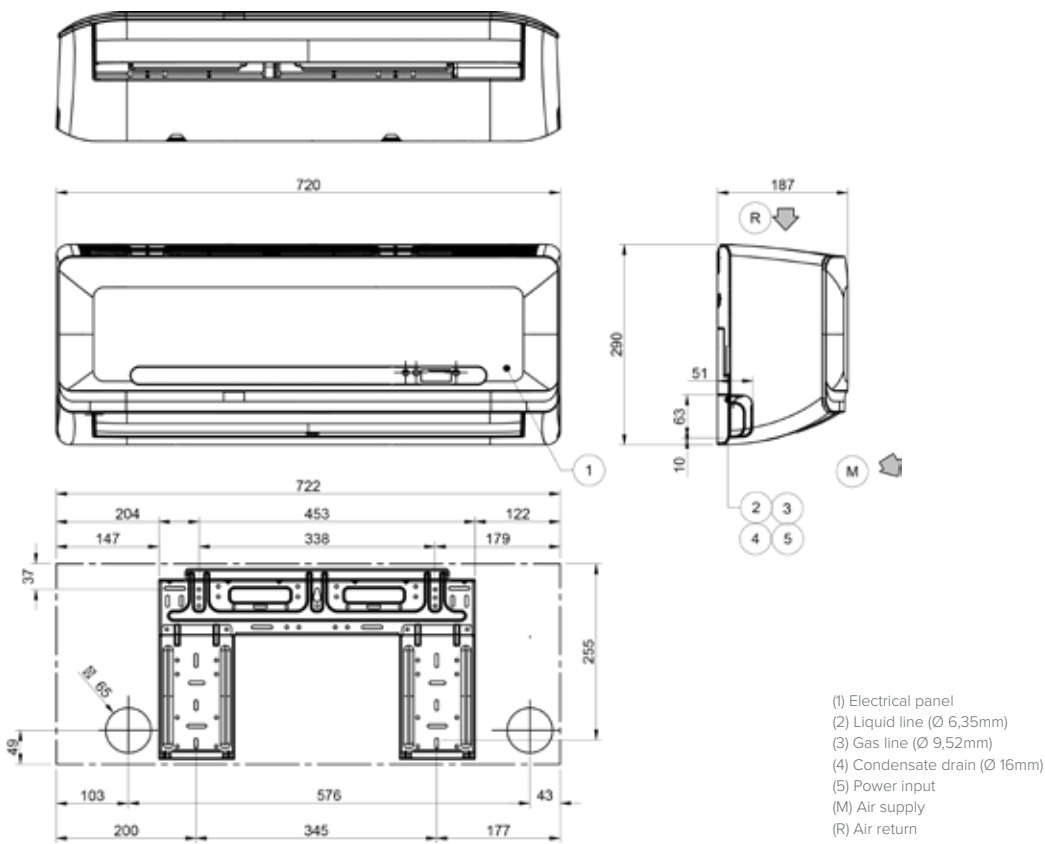


Unit of measurement: mm

EXTERNAL DIMENSIONS

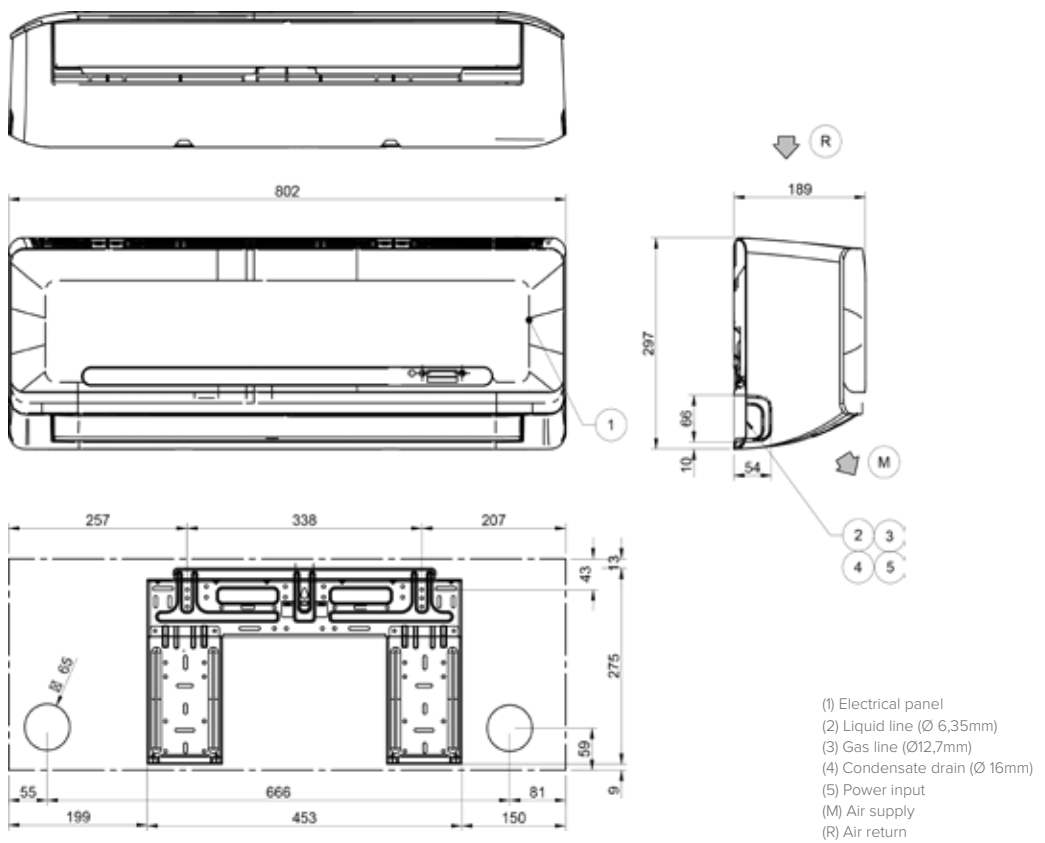
CRISTALLO - Indoor unit

IM1-XY 20M ÷ 27M



CRISTALLO - Indoor unit

IM1-XY 35M

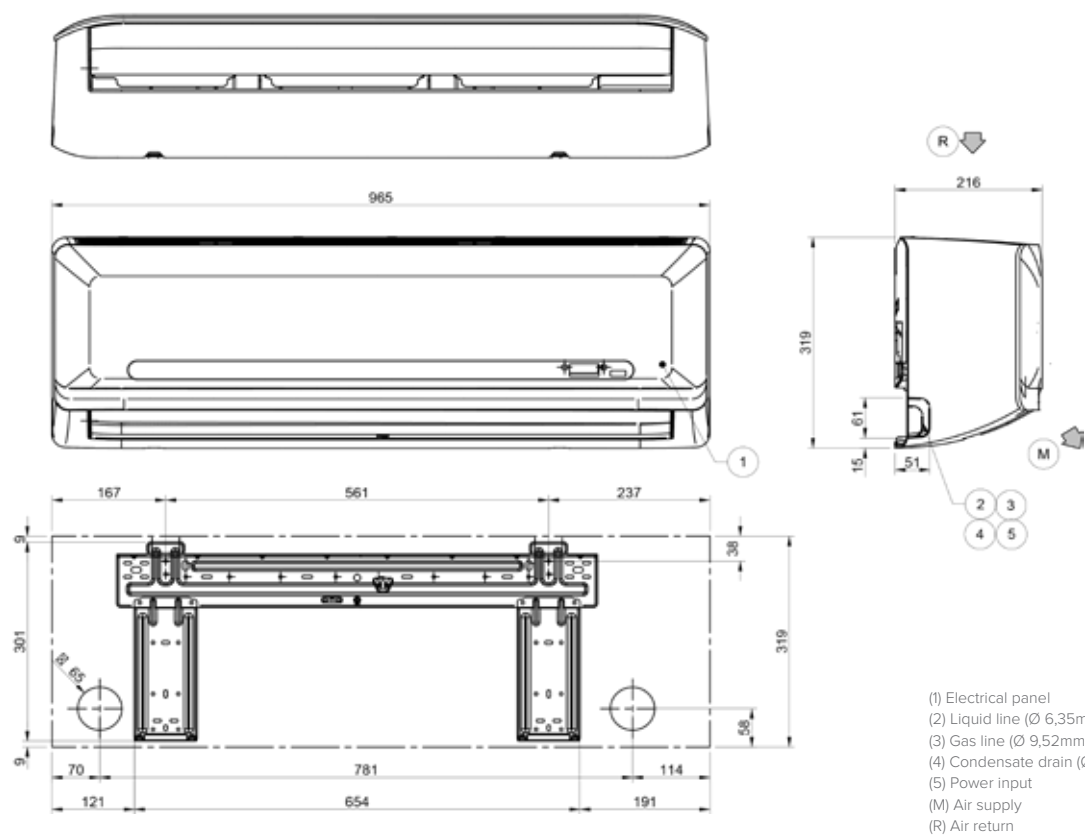


Unit of measurement: mm

EXTERNAL DIMENSIONS

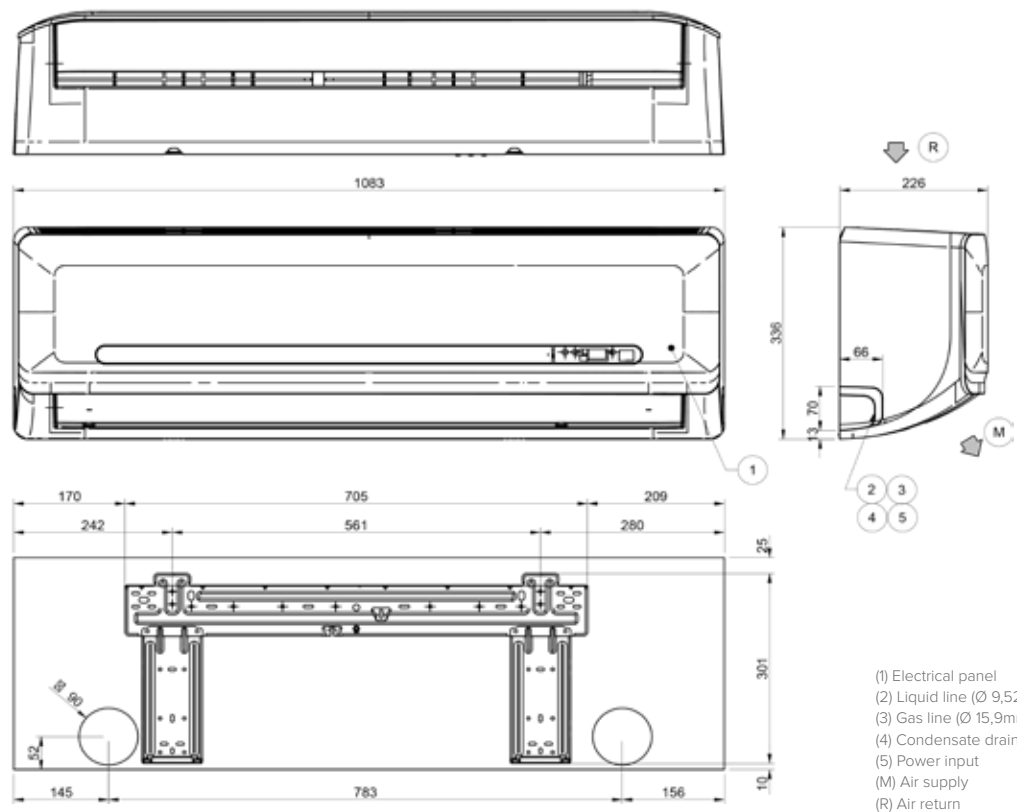
CRISTALLO - Indoor unit

IM1-XY 53M



CRISTALLO - Indoor unit

IM1-XY 70M

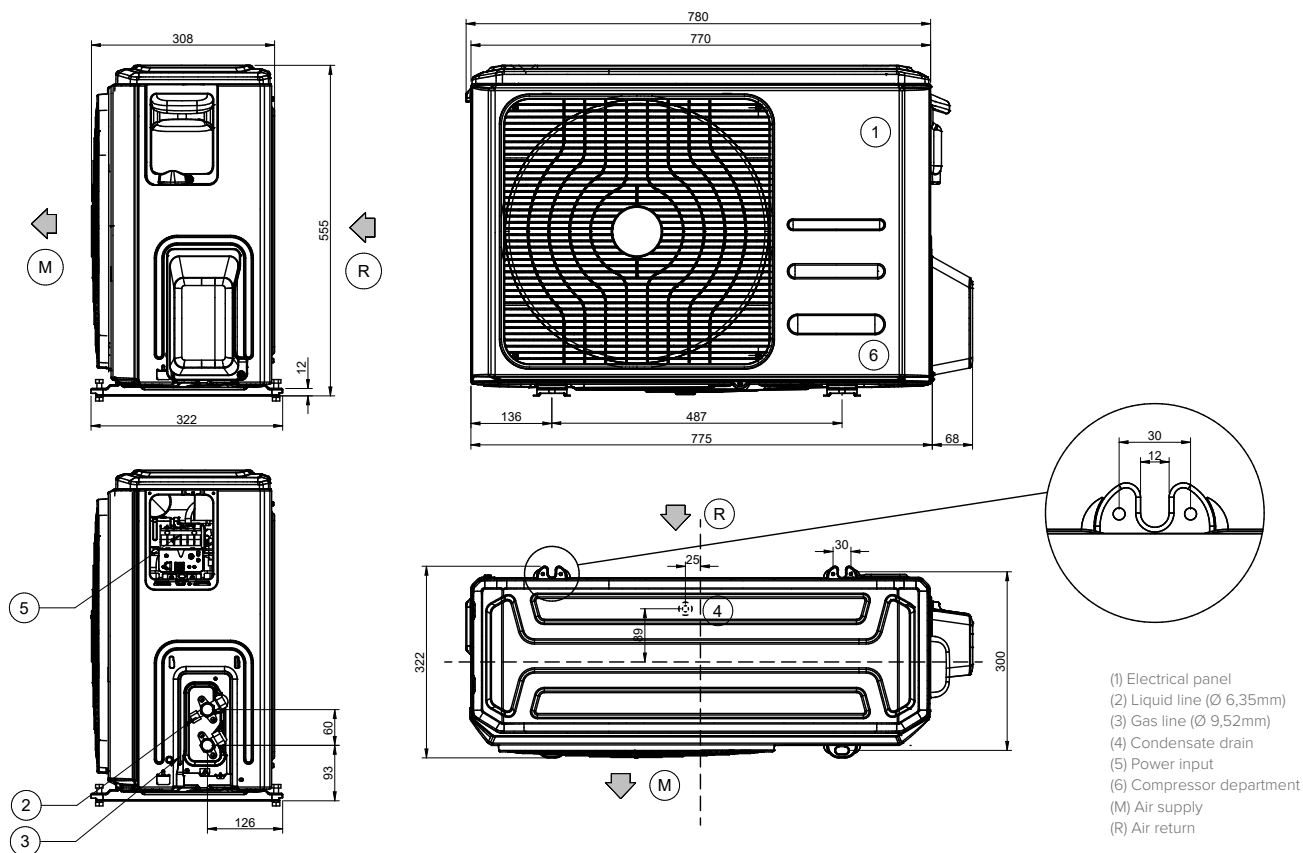


Unit of measurement: mm

EXTERNAL DIMENSIONS

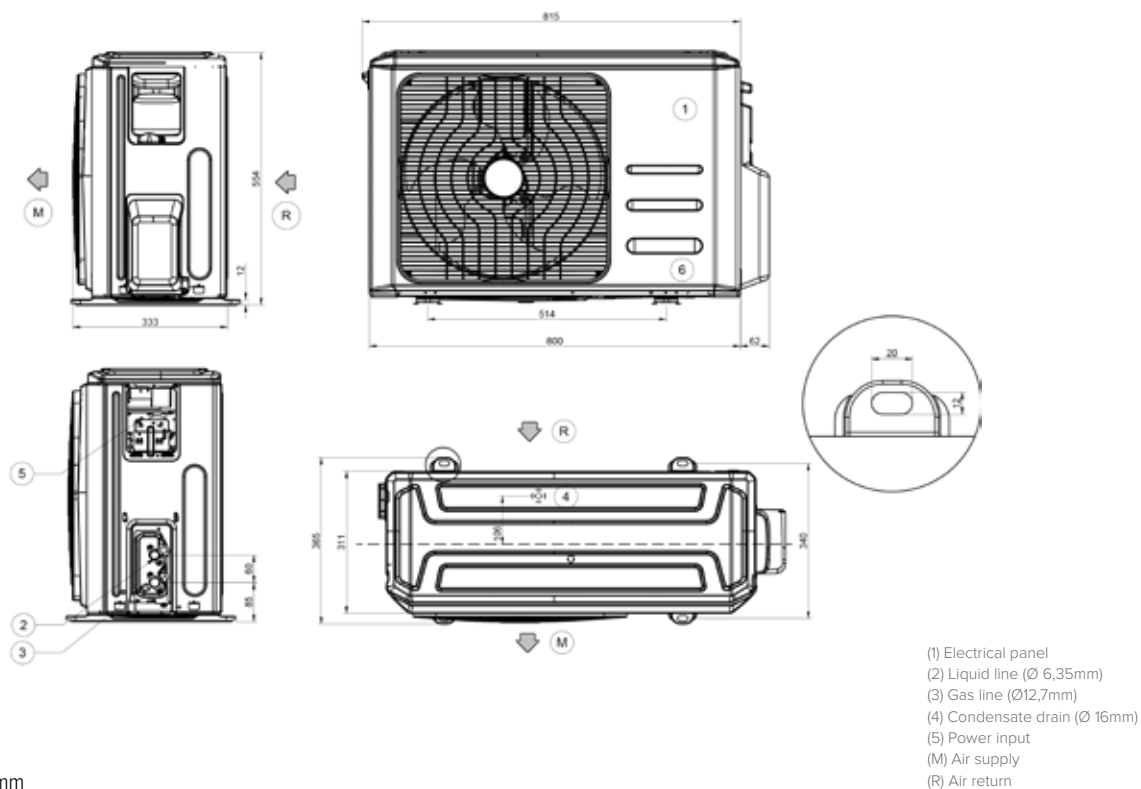
CRISTALLO - Outdoor unit

MM1-Y 27M ÷ 35M



CRISTALLO - Outdoor unit

MM1-Y 53M

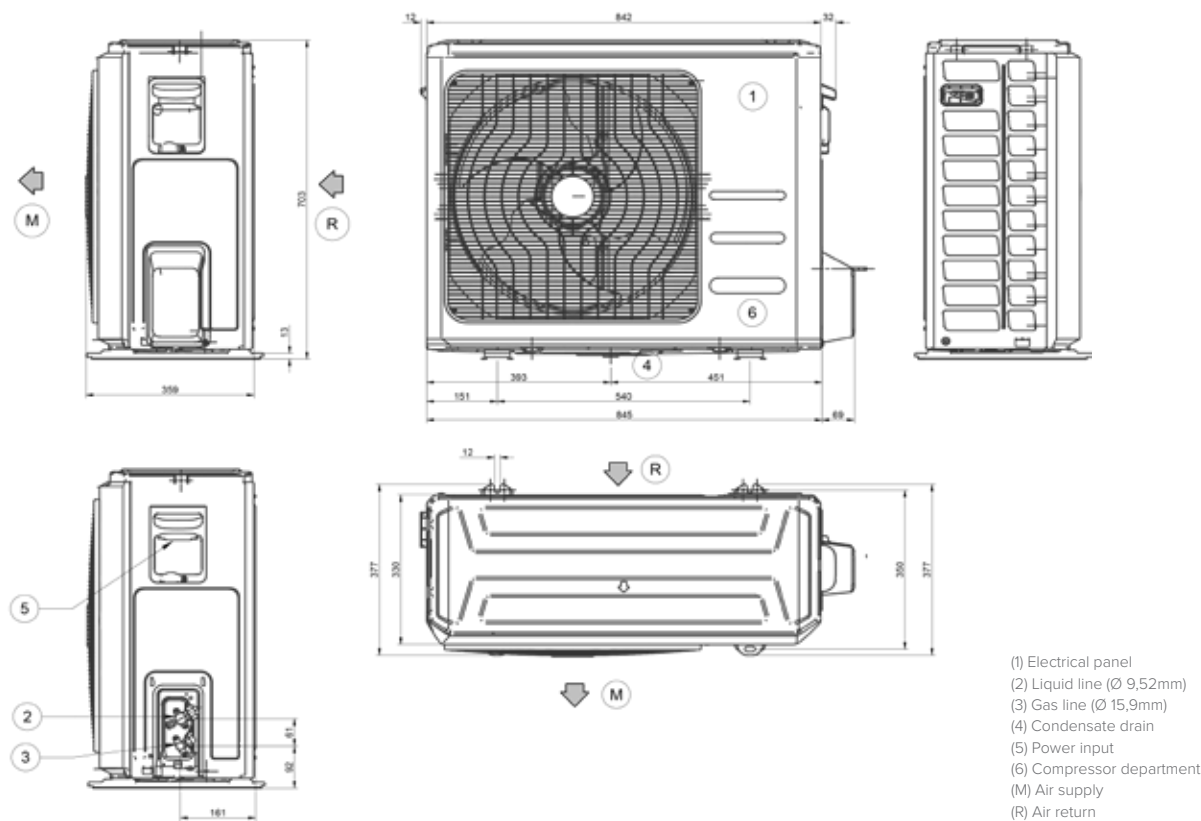


Unit of measurement: mm

EXTERNAL DIMENSIONS

CRISTALLO - Outdoor unit

MM1-Y 70M



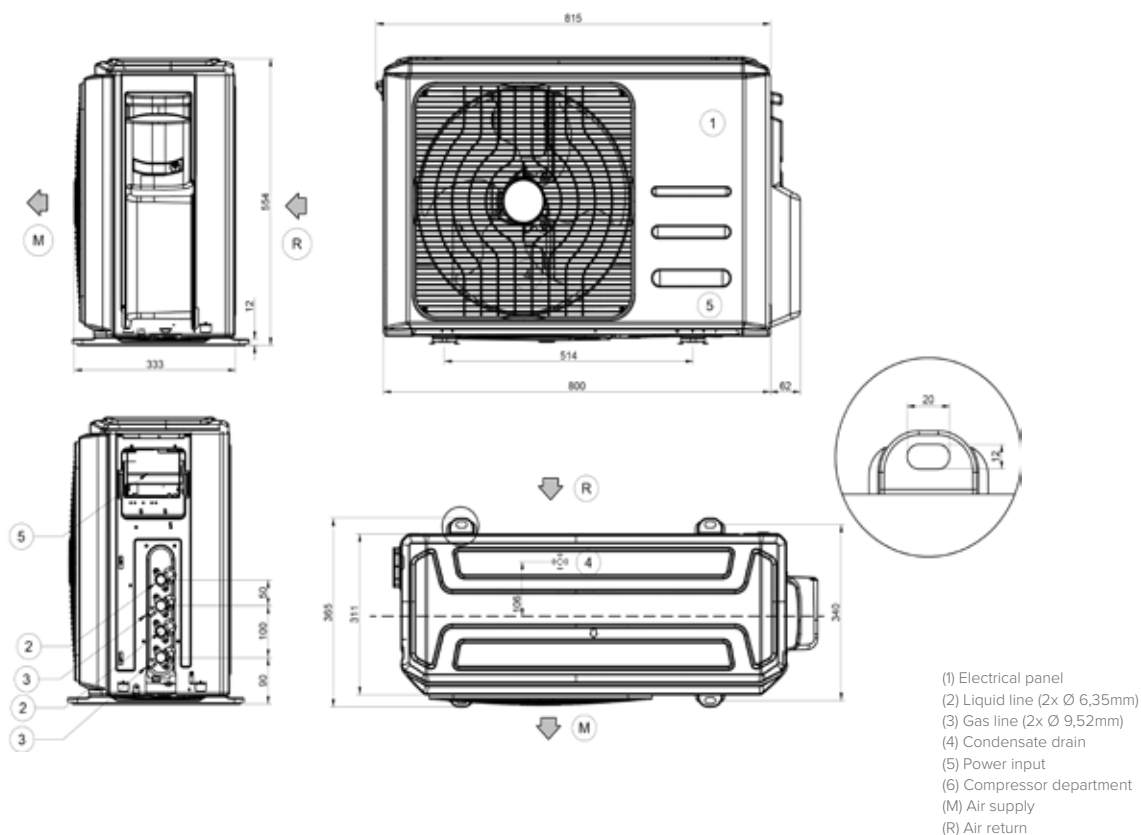
Unit of measurement: mm

EXTERNAL DIMENSIONS

MULTISplit

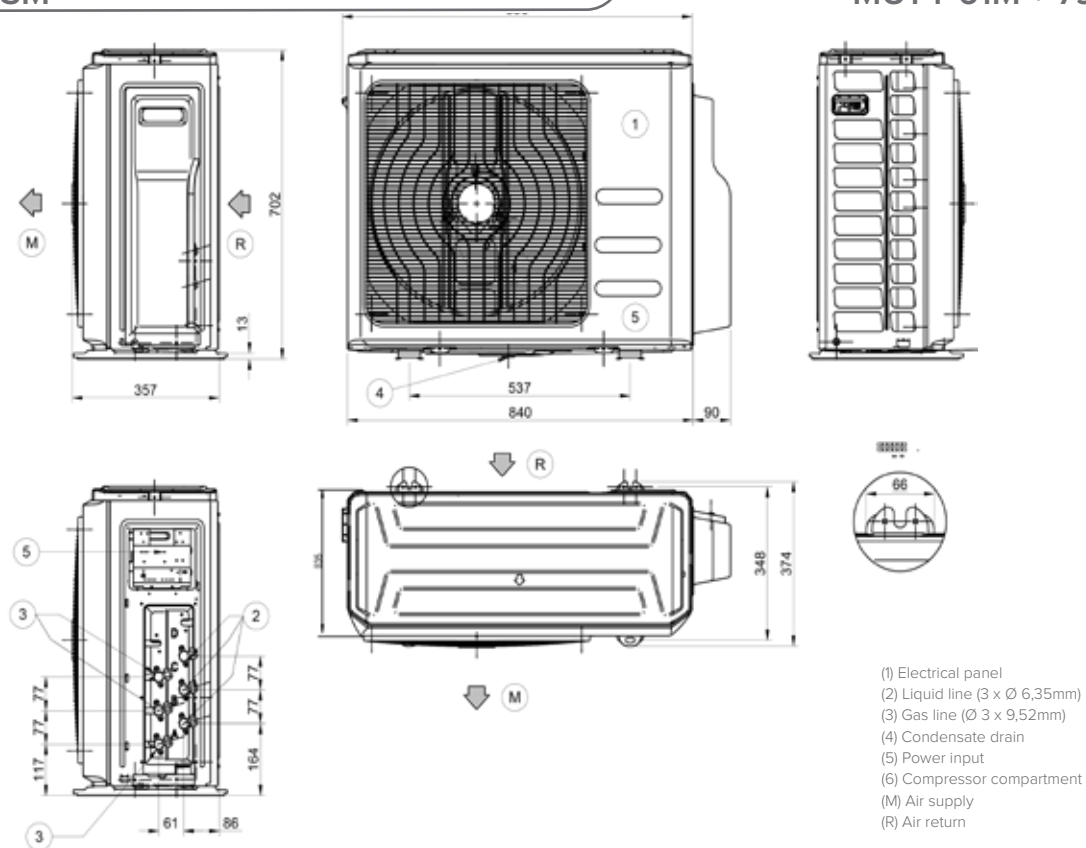
OUTDOOR UNIT-SM

MU1-Y 41M ÷ 53M



OUTDOOR UNIT-SM

MU1-Y 61M ÷ 79M

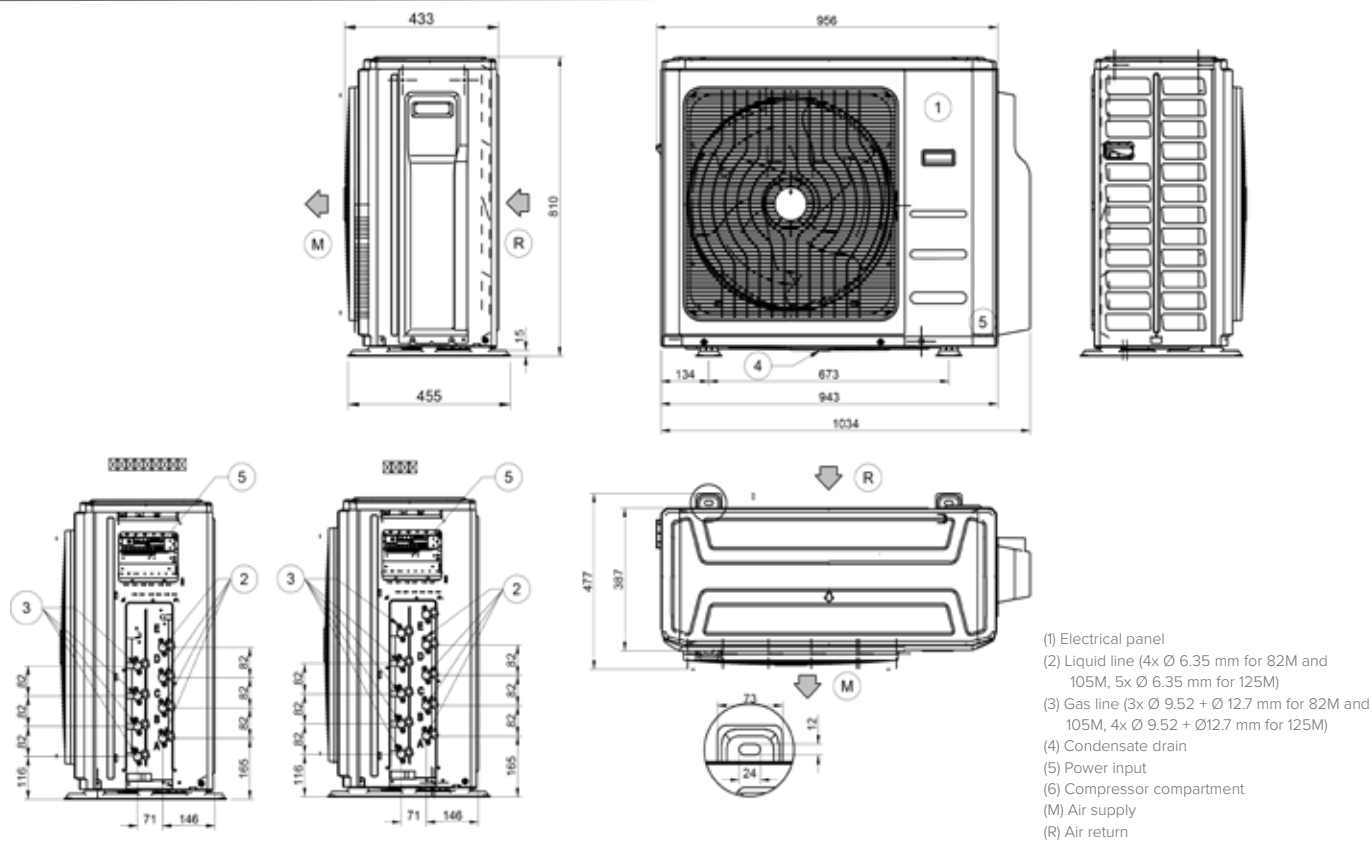


Unit of measurement: mm

EXTERNAL DIMENSIONS

OUTDOOR UNIT-SM

MU1-Y 82M ÷ 105M ÷ 125M



Unit of measurement: mm

EXTERNAL DIMENSIONS

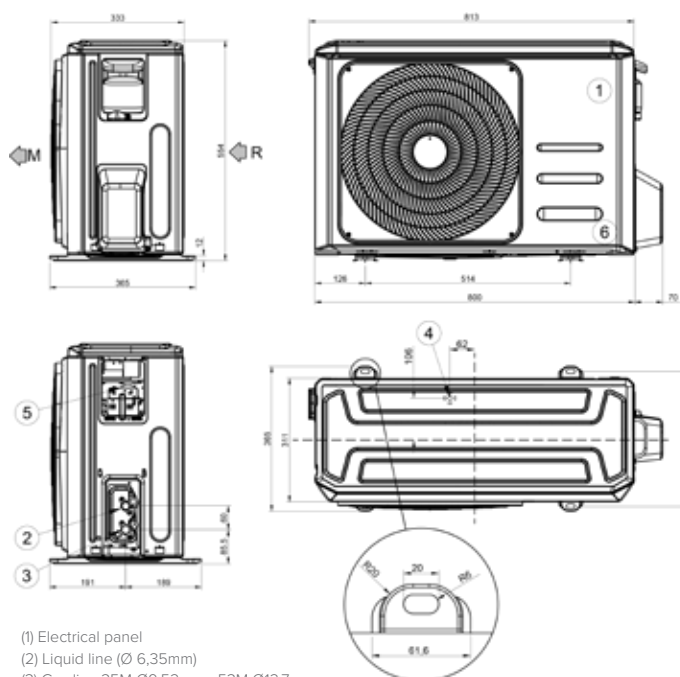
Light Commercial

OUTDOOR UNIT-SL 2

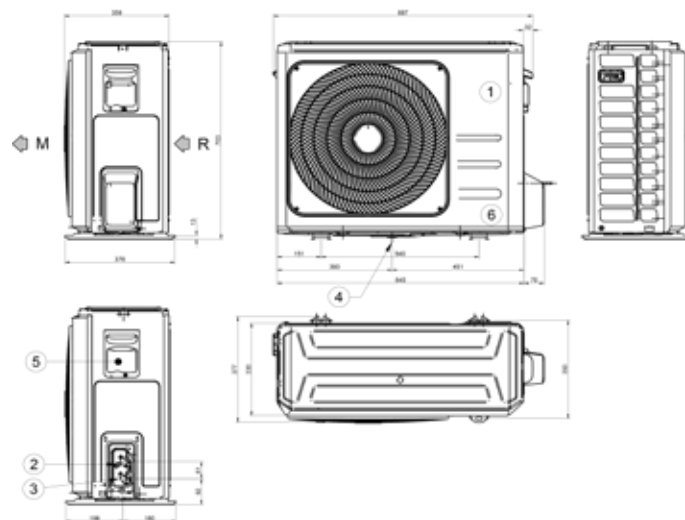
MC2-Y 35M÷53M

OUTDOOR UNIT-SL 2

MC2-Y 70M



- (1) Electrical panel
- (2) Liquid line (Ø 6,35mm)
- (3) Gas line 35M Ø9,52mm - 53M Ø12,7mm
- (4) Condensate drain
- (5) Power input
- (6) Compressor department
- (M) Air supply
- (R) Air return



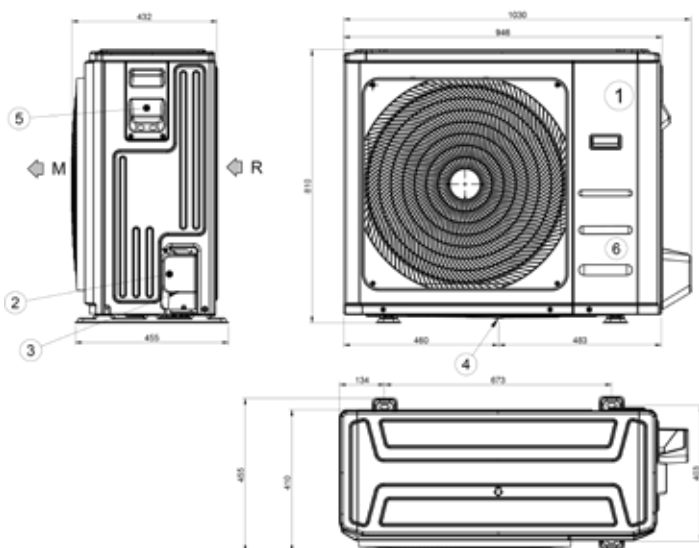
- (1) Electrical panel
- (2) Liquid line (Ø 9,52mm)
- (3) Gas line (Ø15,9mm)
- (4) Condensate drain
- (5) Power input
- (6) Compressor department
- (M) Air supply
- (R) Air return

OUTDOOR UNIT-SL 2

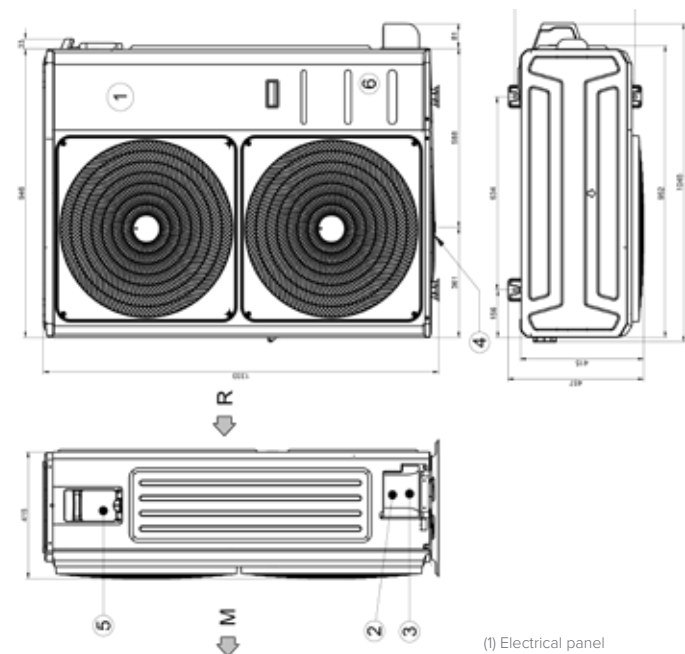
MC2-Y 88M÷120M

OUTDOOR UNIT-SL 2

MC2-Y 140T÷160T



- (1) Electrical panel
- (2) Liquid line (Ø 9,52mm)
- (3) Gas line (Ø15,9mm)
- (4) Condensate drain
- (5) Power input
- (6) Compressor department
- (M) Air supply
- (R) Air return



- (1) Electrical panel
- (2) Liquid line (Ø 9,52mm)
- (3) Gas line (Ø15,9mm)
- (4) Condensate drain
- (5) Power input
- (6) Compressor department
- (M) Air supply
- (R) Air return

Unit of measurement: mm

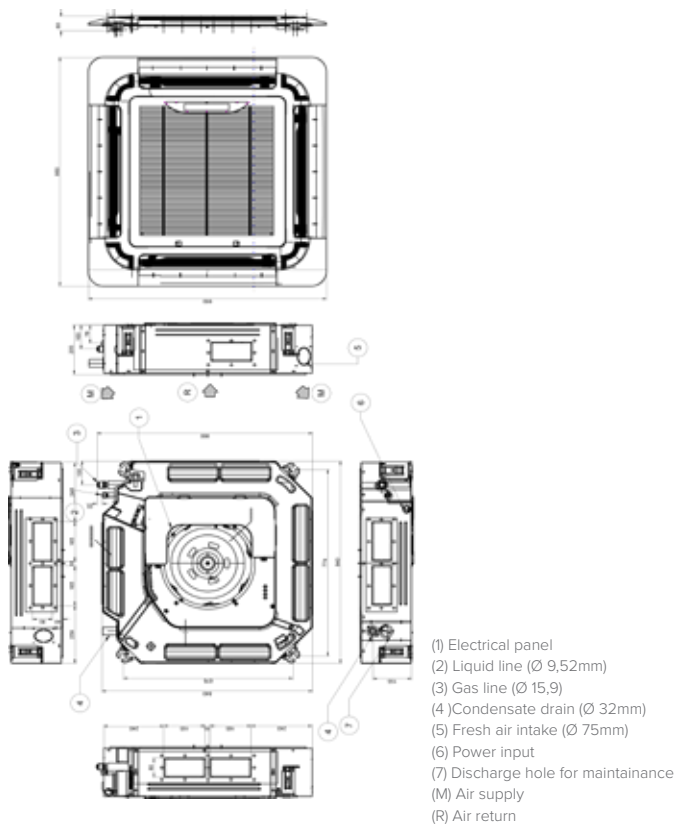
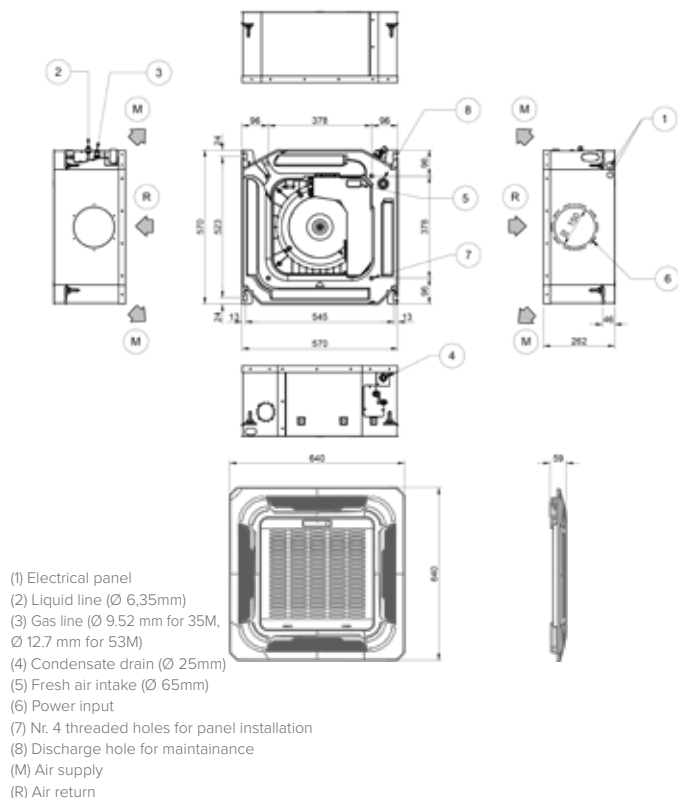
EXTERNAL DIMENSIONS

BOX-SL 2 650X650

IB2-XY 27M÷53M

BOX-SL 2 950X950

IA2-XY 70M

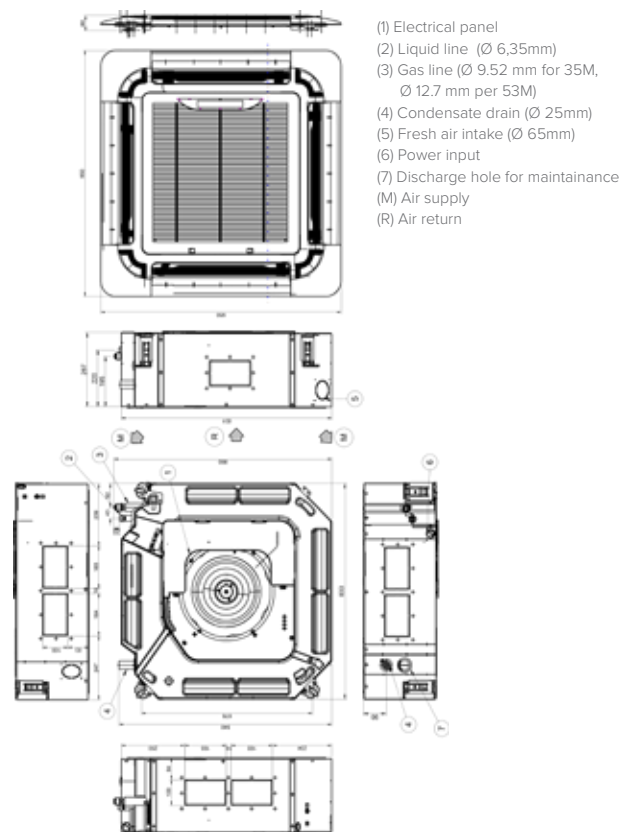
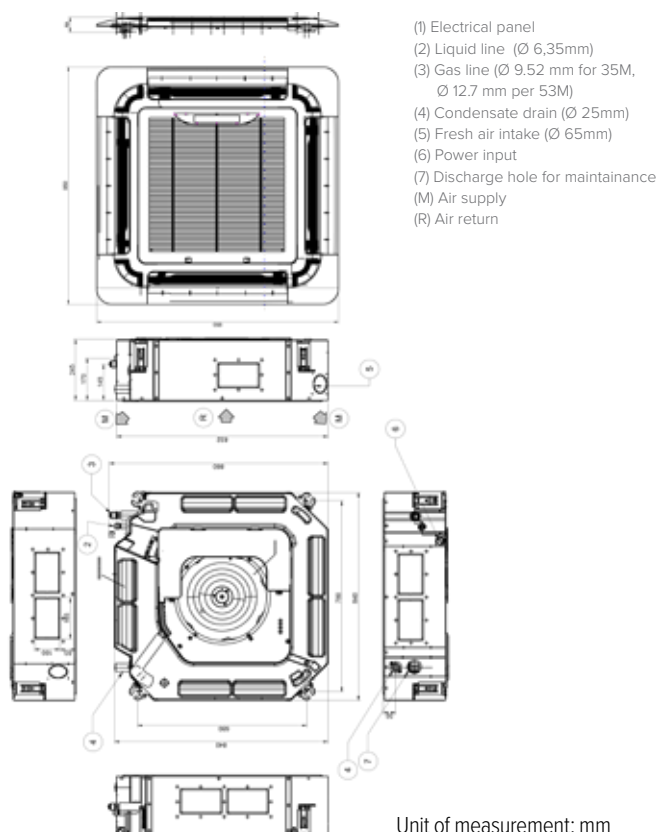


BOX-SL 2 950X950

IA2-XY 105M

BOX-SL 2 950X950

IA2-XY 140M÷160M



Unit of measurement: mm

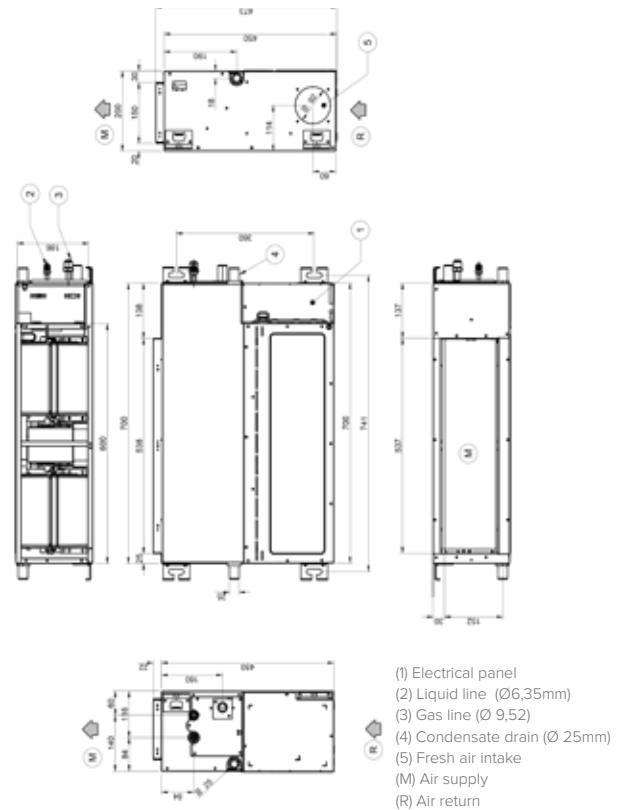
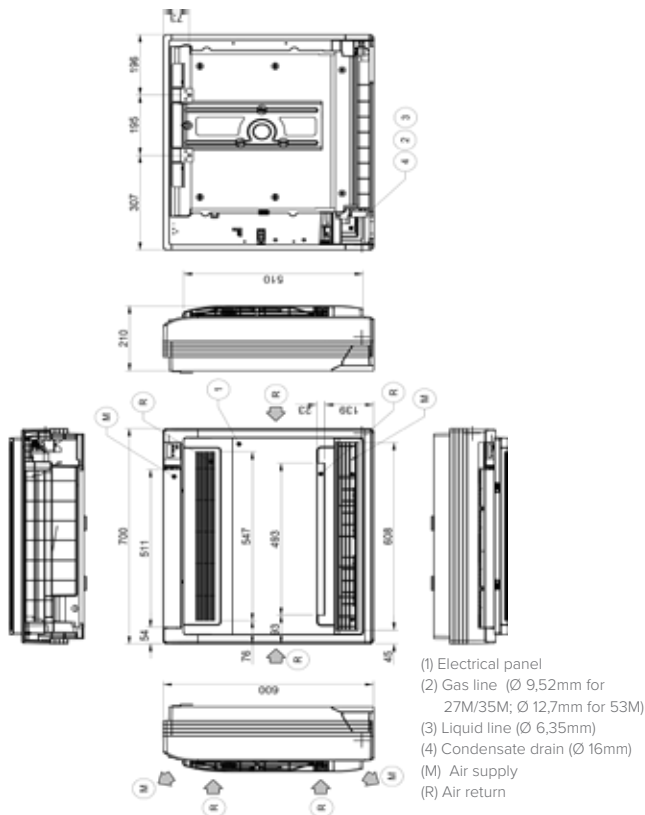
EXTERNAL DIMENSIONS

CONSOLE-SL 2

IC2-XY 27M÷53M

DUCT-SL 2

ID2-XY 27M÷35M

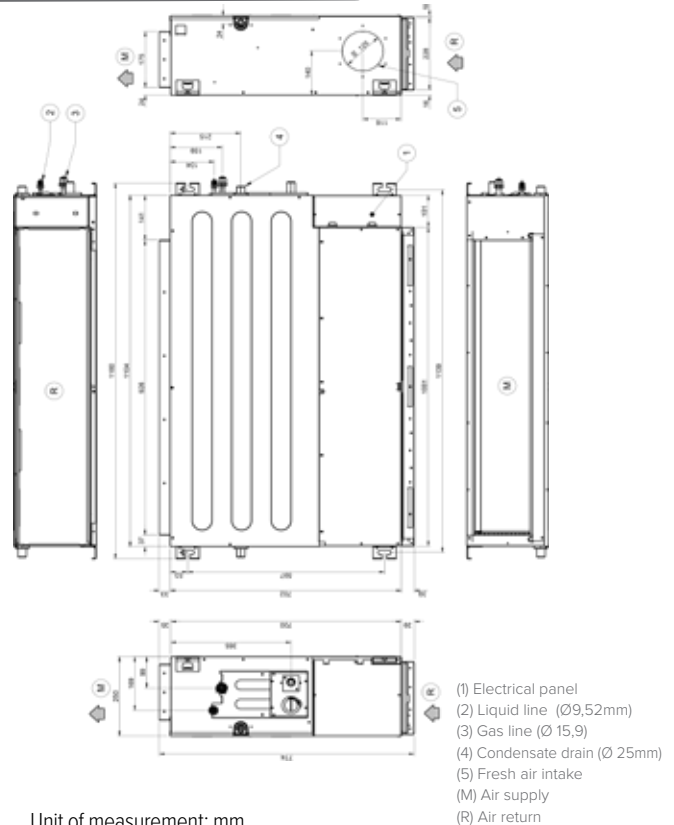
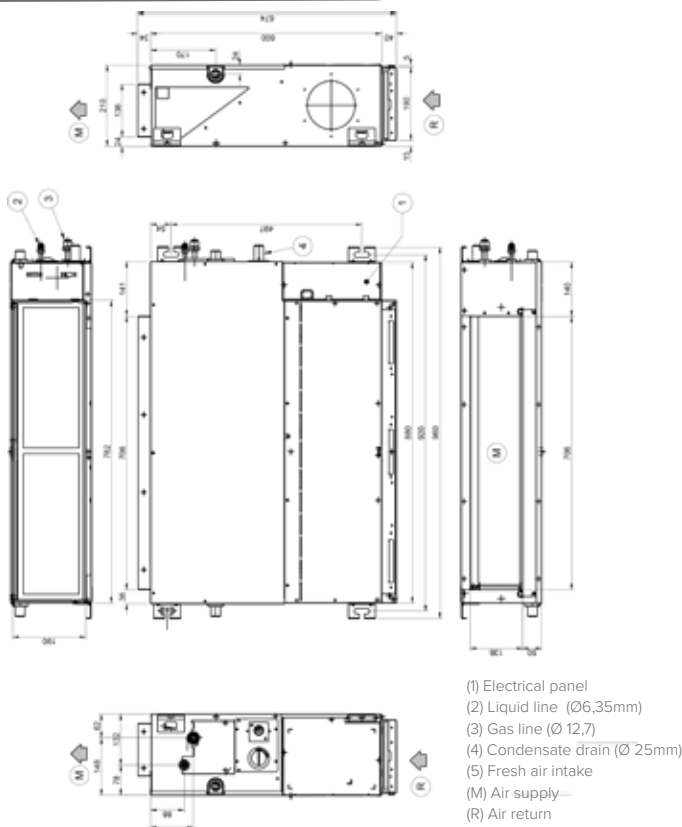


DUCT-SL 2

ID2-XY 53M

DUCT-SL 2

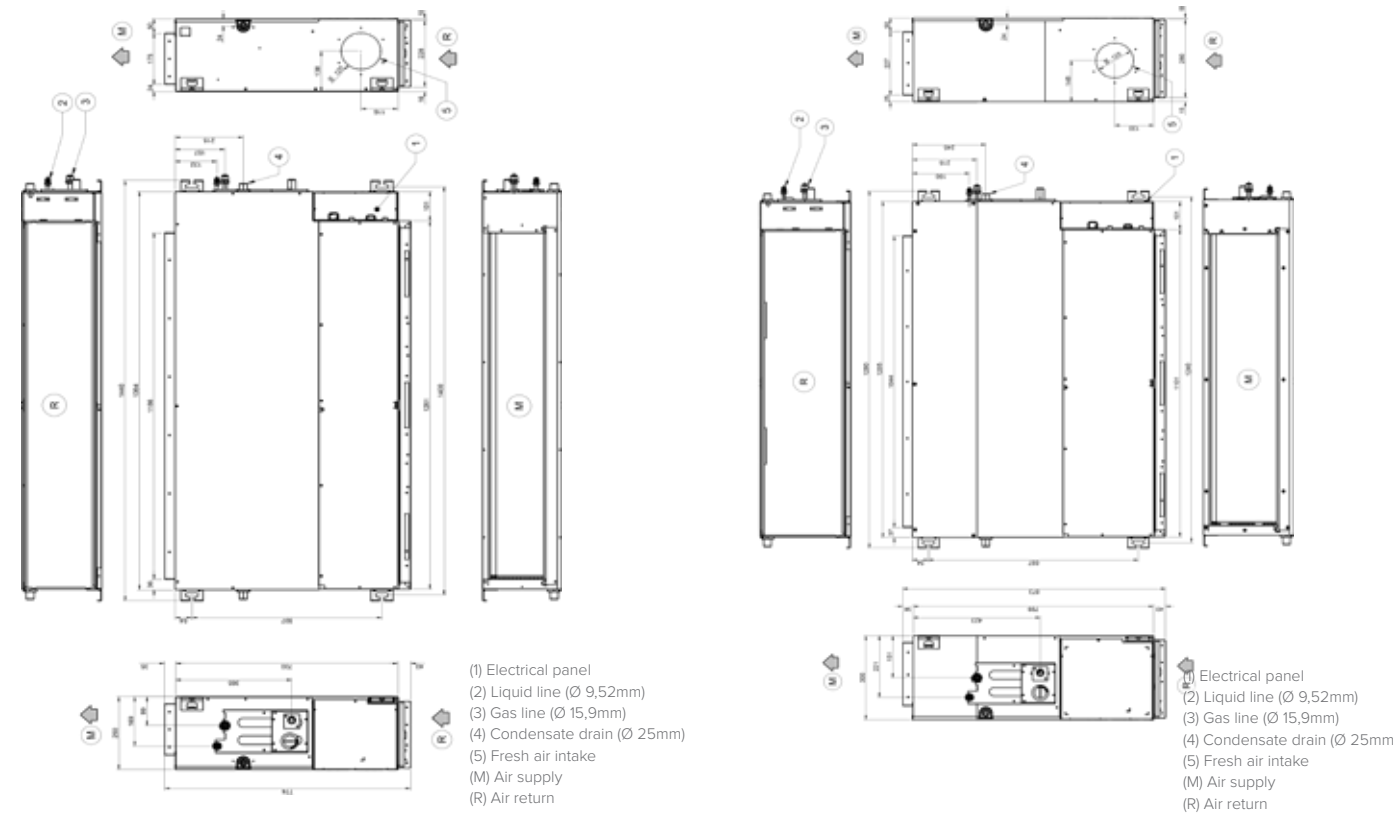
ID2-XY 70M



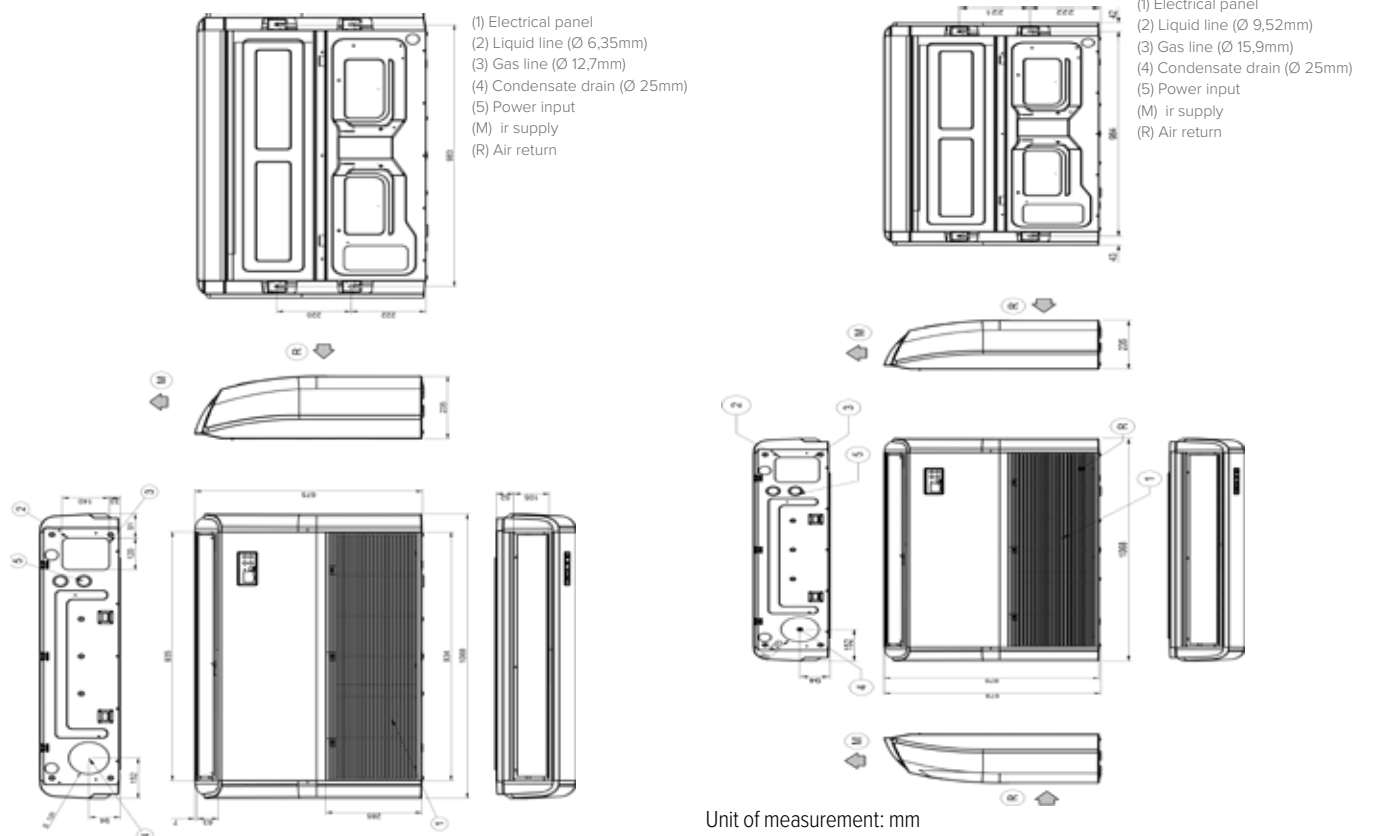
Unit of measurement: mm

EXTERNAL DIMENSIONS

DUCT-SL 2 ID2-XY 105M DUCT-SL 2 ID2-XY 140M÷160M



CEILING & FLOOR-SL 2 IF2-XY 53M CEILING & FLOOR-SL 2 IF2-XY 70M

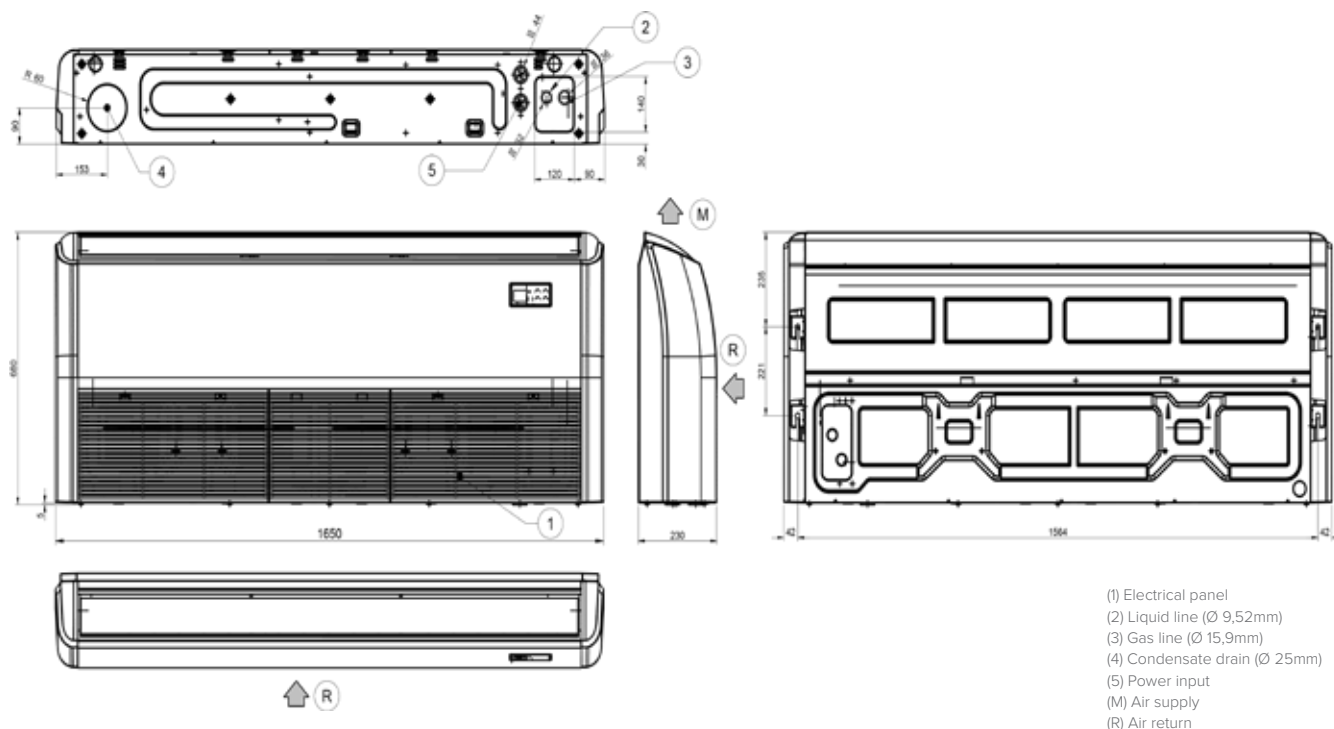


Unit of measurement: mm

EXTERNAL DIMENSIONS

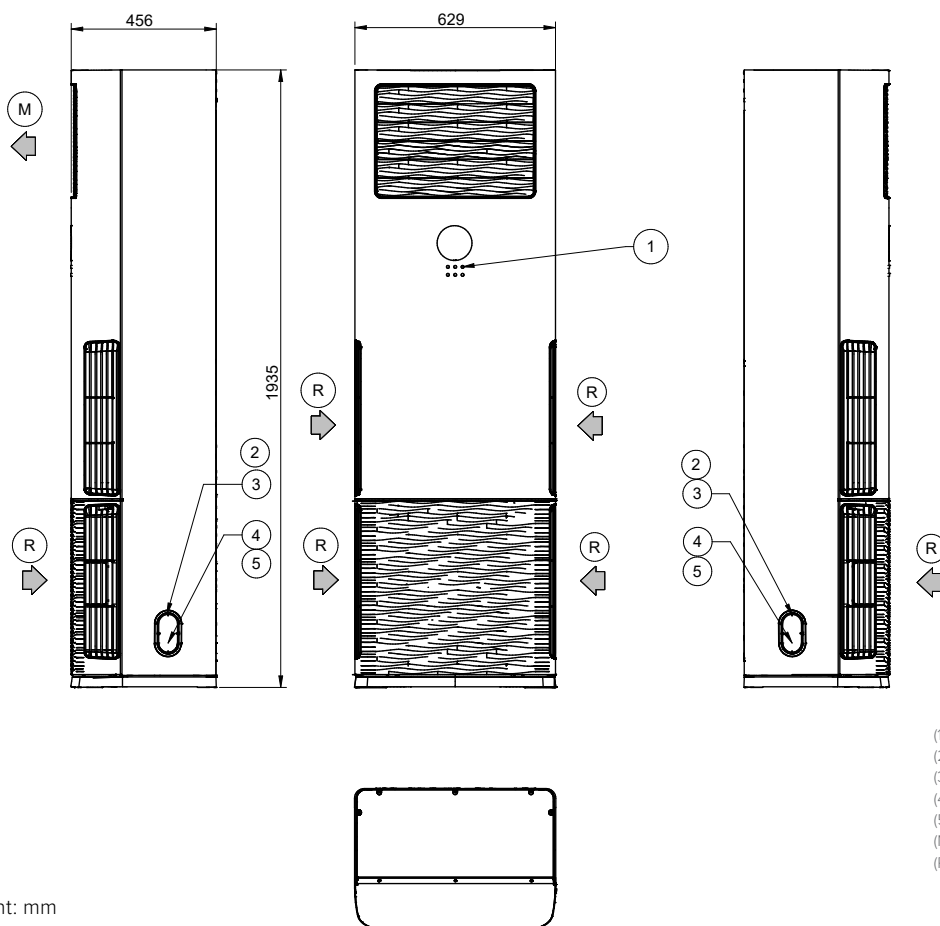
CEILING & FLOOR-SL 2

IF2-XY 105M÷140M÷160M



STANDING-SL 2

IS2-XY 140M



Unit of measurement: mm

INDEX

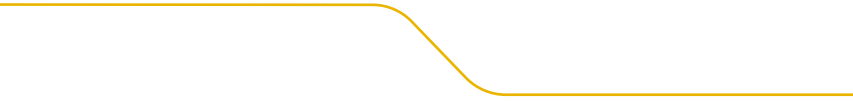
RANGE	SIZE FROM	TO	BRAND NAME		PAGE
S.IH1 + MH1-Y	27M	35M	STELVIO	MONOSplit	22
S.IE1 + ME1-Y	27M	35M	SCHIARA	MONOSplit	26
S.IE1 + MM1-Y	53M	70M			
S.IM1 + MM1-Y	27M	70M	CRISTALLO R-32	MONOSplit	30
MU1-Y	41M	125M	Outdoor Unit-SM R-32	MULTISplit	35
IE1-XY	27M	70M	SCHIARA-SM	MULTISplit	38
IM1-XY	20M	70M	CRISTALLO-SM	MULTISplit	40
IB2-XY	27M	53M	BOX-SM 2	MULTISplit	42
IC2-XY	27M	53M	CONSOLE-SM 2	MULTISplit	44
ID2-XY	27M	53M	DUCT-SM2	MULTISplit	46
IF2-XY	53M	-	CEILING & FLOOR-SM 2	MULTISplit	48
MC2-Y	35M	160T	Outdoor Unit-SL2	LIGHT COMMERCIAL	72
S.IB2 + MC2-Y	35M	53M	BOX-SL 2 650X650	LIGHT COMMERCIAL	74
S.IA2 + MC2-Y	70M	160T	BOX-SL 2 950X950	LIGHT COMMERCIAL	76
S.IC2 + MC2-Y	35M	53M	CONSOLE-SL 2	LIGHT COMMERCIAL	78
S.ID2 + MC2-Y	35M	160T	DUCT-SL 2	LIGHT COMMERCIAL	80
S.IF2 + MC2-Y	53M	160T	CEILING & FLOOR-SL 2	LIGHT COMMERCIAL	82
S.IS2 + MC2-Y	140T	-	STANDING-SL-2	LIGHT COMMERCIAL	84

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) and R-407C (GWP 1773,85).

Data contained in this catalogue are not binding and may be changed by the Manufacturer without notice.

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Updated data available on www.clivet.com

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ICONS GUIDE

ENERGY SAVING



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



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



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

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
Comfortable relax: turn off sound alerts and display, indoor fan speed change to super-low.



Silent
Sound level reduction.



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%



10 Grades Outdoor Fan Speeds
Up to 10 grades outdoor fan speeds, ensure more accurate control and energy saving.



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



Anti-cold Air Function
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
It combines vertical and horizontal auto swing to ensure an even distribution of air throughout the room.



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.



Stepless control compressor
To optimize comfort, the fan speed is continuously adjustable.



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.

RELIABILITY



Refrigerant Leakage Detect
This function can better protect compressor being damaged by high temperature due to refrigerant leakage.



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.



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.



Built-in Drain pump
The drain pump can lift the condensing water up to 750mm

HEALTH



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



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



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



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



Super ionizer
It release positive and negative ions, eliminate odor, dust, smoke and pollen to give you fresh and healthy air

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.



MONO/MULTI Compatible
Compatible indoor unit for both mono 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.



Weekley 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



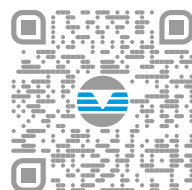
Rotation and back-up
Specific functions to guarantee continuity of service



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

FOR OVER 30 YEARS WE HAVE BEEN
OFFERING SOLUTIONS TO ENSURE
SUSTAINABLE COMFORT AND THE
WELL-BEING OF PEOPLE AND THE
ENVIRONMENT

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