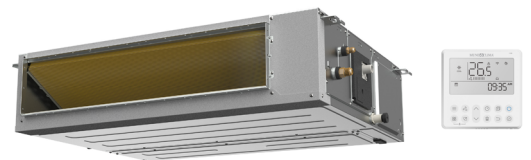
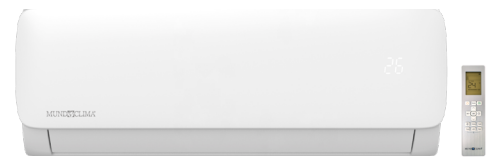
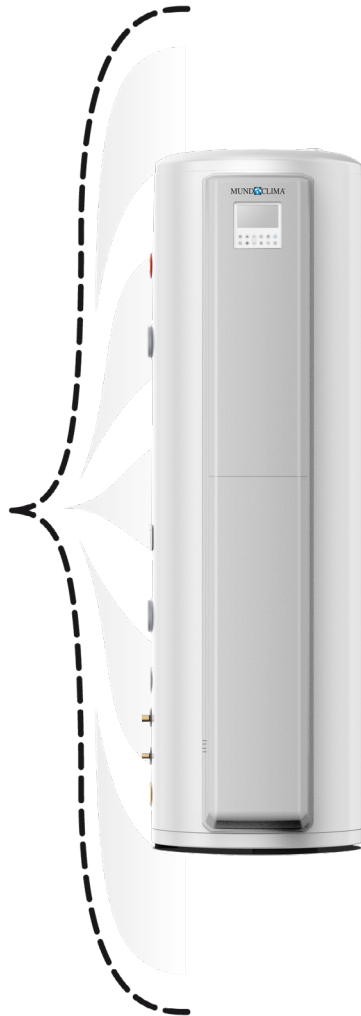


# MULTISPLIT Outdoor Unit Series MUEW-H14 up to 3x1 + Domestic Hot Water (DHW)



**DHW with heat recovery**

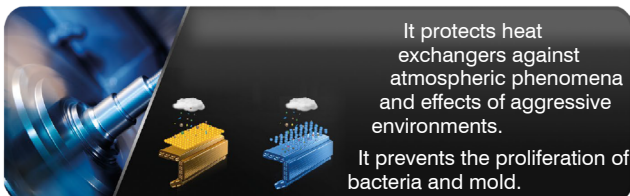


**Accessories**



M-CHECK (CL09410)

**"Golden fin" treatment**



It protects heat exchangers against atmospheric phenomena and effects of aggressive environments.

It prevents the proliferation of bacteria and mold.

**"Core Genius" technology**

It allows a continuous operation at an ultra-low compressor speed of only 12 Hz, decreasing compressor vibration by up to 16 times compared to conventional equipment.



**ENGINEERING MODE**

Download the engineering mode manual from this QR code and...

discover all the possibilities!



(1) SCOP warm climate zone, see specification table for more information.

## MULTISPLIT EXTERNAL UNIT H14



### SPECIFICATIONS

Model			MUEW-27-H14.3	
Code			UE45304	
EAN Code			8432953062132	
Cooling (*)	Nominal capacity (min. - max.)		kW 7.91 (2.46 ~ 8.21)	
	Nominal consumption (min. - max.)		kW 2.45 (0.18 - 2.90)	
	Pdesignc (design load)		kW 7.9	
	SEER		W/W 6.3	
	Energy Efficiency Class		A++	
	Seasonal energy efficiency for space cooling		ηs,c (%) --	
	Annual electricity consumption		kWh/year 439	
Heating (*)	Nominal capacity (min. - max.)		kW 8.21 (2.29 ~ 0.88)	
	Nominal consumption (min. - max.)		kW 2.21 (0.35 - 3.00)	
	Intermediate climate zone	Pdesignh (design load)		kW 6.2
		SCOP		W/W 4.1
		Energy labeling		A+
		Seasonal energy efficiency for space heating		ηs,h (%) --
		Annual electricity consumption		kWh/year 2117
	Warm climate zone	Tbiv (bivalent temperature)		°C -7
		Pdesignh (design load)		kW 6.4
		SCOP		W/W 5.1
		Energy labeling		A+++
		Annual electricity consumption		kWh/year 1757
		Tbiv (bivalent temperature)		°C 2
	Tol (temperature operating limit)			°C -15
Outdoor unit	Air flow rate (max.)		m³/h 4,000	
	Sound pressure (High)		dB (A) 61	
	Sound power (High)		dB (A) 69	
	Dimensions (W x H x D) (*)		mm 946 x 810 x 410	
	Weight		kg 64.3	
Refrigerant	Type / GWP		R32 / 675	
	Load		kg 1.8	
	CO <sub>2</sub> equivalence		TCO <sub>2</sub> eq 1.215	
	Preload until	Total 1/4" liquid pipes		m 30
		Total 3/8" liquid pipes		m --
	Additional charge	1/4" liquid pipes		g/m 20
3/8" liquid pipes		g/m --		
Refrigeration pipes	Liquid		mm (inch) (1/4") x 3 + (1/4") x 1	
	Gas		mm (inch) (3/8") x 3 + (1/2") x 1	
	Max. length		m 80	
	Length per indoor unit (*)	Air conditioner units		m 35
		DHW unit		m 20
	Maximum height (including DHW equipment)	Between IDU's and the ODU		m 15
Difference Among IDU's		m 10		
Electrical data (*)	Power supply		V-Hz-Ph 230 / 50 / 1 Ph	
	Maximum consumption		kW 5.3	
	Max. current		A 24	
	Power cord (outdoor unit)		mm² 2 x 2.5 + T	
	Interconnection cable		mm² 3 x 1 + T	
Operating temperature	Indoor environment	Cooling	°C 16 to 32	
		Heating	°C 0 to 30	
		DHW	°C 5 to 43	
	Water	DHW	°C 38 to 55	
		DHW (with electrical resistance)	°C 70	
	Outdoor	Cooling	°C -15 to 50	
		Heating	°C -15 to 24	
		DHW	°C -15 to 43	
		DHW (with electrical resistance)	°C < -15 and > 43	

#### Notes:

(\*) Data taken with MUPR-09-H11-I indoor units (as many as the number of outlets for air conditioning units in the outdoor unit).

(\*) The dimensions are for the unit body, not including protruding elements (valve covers, grids, handles, etc.), for detailed dimensions please refer to the installation manual.

(\*) The minimum pipe length for each indoor air conditioning unit is 3 m and 5 m for the DHW unit.

(\*) The electrical wiring sections indicated are recommended, but may be higher depending on each installation, these must be adapted to the electrical regulations in force.

\* The design and specifications are subject to change without prior notice for product improvement.

\*\* The sound level values correspond to values obtained in an anechoic chamber.

\*\*\* Check the table of combinations

# MULTISPLIT

## Indoor unit

### Domestic hot water (DHW)

## MUACSM-H14-I Series

MUNDOCLIMA®  
SUPER DC INVERTER

### DHW with heat recovery

**Complies with minimum contribution of renewable energy to cover DHW demand (CTE DB HE4)**



#### Heat pump for DHW Split Type

It takes advantage of aerothermal energy to heat the water in the 190 L hot water tank.



#### Minimizes electricity consumption

In a combined installation with air conditioning equipment, in cooling mode, it recovers energy totally or partially by heating the hot water in the tank (DHW).



#### Multiple operating modes

The advanced management system incorporates multiple operating modes to suit all needs: HYBRID, SMART, ECONOMY, E-HEATER and VACATION mode.



#### Defrosting without affecting climate control

In a combined system with air-conditioning units, it defrosts the outdoor unit with a small part of the energy stored in the DHW tank, so that the indoor air-conditioning units are immediately ready to heat again.



#### "Smart Grid" function

Allows hybridization with a solar photovoltaic system



#### "Modbus" connectivity

Possibility of integration in a home automation system (BMS).



#### Anti-legionella mode

Thanks to the built-in 2 kW electrical resistance, disinfection is performed at up to 70 °C.



#### High efficiency water tank

Heat transfer through micro-channel exchanger. Laminar cold water inlet, to interfere as little as possible with the warmer water at the top. Larger exchange surface between the heat exchanger and the water tank.



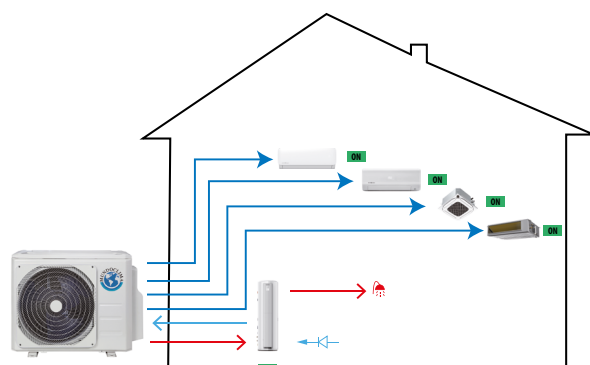
#### Water tank with double temperature sensor

Dual temperature sensors monitor the water temperature of the top and bottom of the tank, detect water stratification in the tank and adjust the unit's operation in real time.



#### System operating modes:

1. Only Cooling
2. Only Heating
3. DHW only
4. Heating + DHW
5. Cooling + DHW (PARTIAL heat recovery)
6. Cooling + DHW (TOTAL heat recovery)



## MULTISPLIT ACS INDOOR UNIT H14



### SPECIFICATIONS

Model				MUACSM-190-H14-I
Code				UI45304
EAN Code				8432953062149
Water heating	Medium climate EN 16147:2017 <sup>(*)</sup>	Capacity	kW	3.9
		SCOP (SPF)	W/W	3.4
		Tset (Test set point temp.)	°C	52
		Energy efficiency	η <sub>wh</sub>	128
		Max. volume of mixed water at 40°C	L	240
		Consumption profile		L
		Energy labeling		A+
	Annual electricity consumption	kWh/year	799	
	Warm climate <sup>(**)</sup>	Heating capacity	kW	4
		SCOP (SPF)	kW/kW	3.9
Annual electricity consumption		kWh/year	705	
Water tank	Nominal accumulation volume		L	190
	Max. pressure		Bar	10
	Material			Enameled steel
	Insulation material			Polyurethane foam
	Insulation thickness		mm	42
	Protection			Magnesium anode
	Hydraulic connections	Inlet / Outlet	mm (inch)	DN20 (3/4")
	Condensate outlet		mm (inch)	DN20 (3/4")
	Dimensions (W x H x D)		mm	504 x 1660 x 574
Weight		kg	70	
Outdoor unit	Model			MUEW-27-H14.3
	Code			UE45304
	EAN Code			8432953062132
	Air flow rate (max.)		m <sup>3</sup> /h	4,000
	Sound pressure (High)		dB (A)	61
	Sound power (High)		dB (A)	64
	Dimensions (W x H x D) <sup>(***)</sup>		mm	946 x 810 x 410
	Weight		kg	64.3
Refrigerant	Type / GWP			R32 / 675
	Load		kg	1.8
	CO <sub>2</sub> equivalence		TCO <sub>2</sub> eq	1.215
	Preload until	Total 1/4" liquid pipes	m	30
	Additional charge	1/4" liquid pipes	g/m	20
Refrigeration pipes	Liquid		mm (inch)	1/4"
	Gas		mm (inch)	3/8"
	Max. length		m	80
	Length per indoor unit <sup>(***)</sup>		m	20
	Max. height difference	Between IDU's and the ODU	m	15
		Difference Among IDU's	m	10
Electrical data <sup>(***)</sup>	Power supply		V-Hz-Ph	230 / 50 / 1 Ph
	Max. consumption (with electrical resistance)		kW	2.15
	Max. current (with electrical resistance)		A	9.1
	Power cable (DHW tank indoor unit)		mm <sup>2</sup>	2 x 1.5 + T
	Interconnection cable		mm <sup>2</sup>	3 x 1 + T
Operating temperature	Indoor environment	DHW	°C	5 to 43
	Outdoor environment	DHW	°C	-15 to 43
		DHW (with electrical resistance)	°C	< -15 and > 43
	Water flow	DHW	°C	38 to 55
		DHW (with electrical resistance)	°C	70

#### Notes:

(\*1) Conditions: Water inlet / outlet temperature 10/52 °C. Room temperature 6°C WB, 7°C WB.

(\*2) Conditions: Water inlet / outlet temperature 15/45 °C. Room temperature 15°C WB, 12°C WB.

(\*3) The dimensions are for the unit body, not including protruding elements (valve covers, grids, handles, etc.), for detailed dimensions please refer to the installation manual.

(\*4) The minimum pipe length for the DHW equipment is 5 m (16 ft).

(\*5) DHW tank unit data. The electrical wiring sections indicated are recommended, but may be higher depending on each installation, these must be adapted to the electrical regulations in force.

\* The design and specifications are subject to change without prior notice for product improvement.

\*\* The sound level values correspond to values obtained in an anechoic chamber.

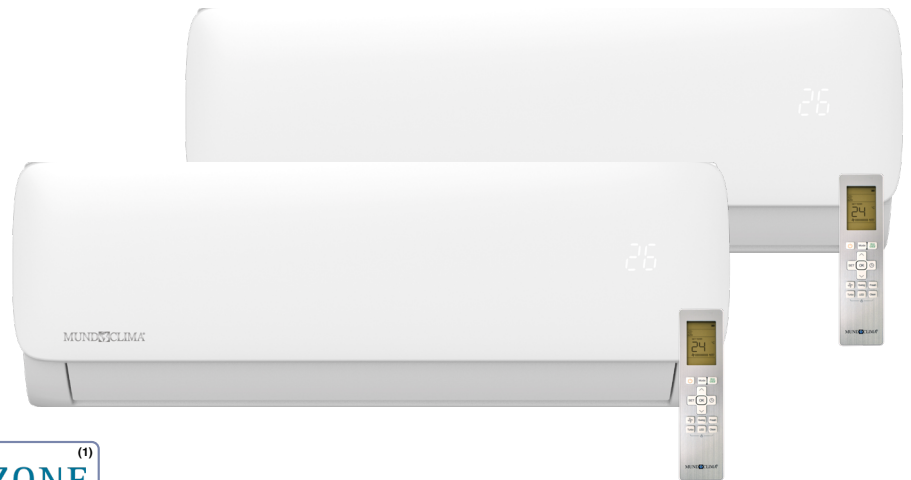


## MULTISPLIT Wall Type Indoor Unit MUPR-H11-I Series

**MUNDOCLIMA®**  
SUPER DC INVERTER



RG10A1 (F2S)/BGEF  
Included  
(CL97807)



### OPTIONALS

More information on the optionals in "MUNDOCLIMA CONTROL SYSTEMS"

#### Wired control<sup>(2)</sup>



KJR-29B1/BK-E<sup>(2)</sup>  
(CL92869)



KJR-120N(X4W)/BGEF<sup>(1)</sup>  
(CL09211)



KJR-120P(X6W)/EF<sup>(1)</sup>  
(Black)  
(CL09214)



KJR-120P(X6W)/EF<sup>(1)</sup>  
(White)  
(CL09216)

#### Centralized control<sup>(1)</sup>



CCM180A/WS<sup>(1)</sup>  
(CL09300)



CCM30/BKE<sup>(1)</sup>  
(CL92871)



MD-AC-MBS<sup>(1)</sup>  
(CL99097 /  
CL99114-116)



MD-AC-KNX<sup>(1)</sup>  
(CL94792 /  
CL99094-095)



INBACMID<sup>(1)</sup>  
(CL99222/  
CL99210)

#### BMS<sup>(1)</sup>



#### WIFI



EU-OSK-105  
(CL09001)

#### Accessories



H11 Multifunction Module  
(Mod. 09 / 12 / 18: CL97818,  
Mod. 24: CL97819,  
Univ: CL09400)

<sup>(1)</sup> H11 multifunction module required.

<sup>(2)</sup> Connection cable (CL98442) required, not recommended for use with the multifunction module.

### SPECIFICATIONS

Model			MUPR-09-H11-I	MUPR-12-H11-I	MUPR-18-H11-I	MUPR-24-H11-I
Code			UI20055	UI20056	UI20057	UI20058
EAN Code			8432953048860	8432953048884	8432953048907	8432953048921
Cooling	Nominal capacity (min. ~ max.) <sup>(*)</sup>	kW	2.64 (1.03 - 3.22)	3.52 (1.38 - 4.31)	5.28 (1.93 - 6.27)	7.03 (3.02 - 8.79)
	Nominal rating <sup>(**)</sup>	W	0.021	0.023	0.036	0.068
Heating	Nominal capacity (min. ~ max.) <sup>(*)</sup>	kW	2.93 (0.82 - 3.37)	3.81 (1.07 - 4.38)	5.57 (1.29 - 7.00)	7.33 (1.52 - 9.47)
	Nominal rating <sup>(**)</sup>	W	0.021	0.023	0.036	0.068
Air flow rate (High / Medium / Low)		m <sup>3</sup> /h	520 / 460 / 330	530 / 400 / 350	800 / 600 / 500	1,090 / 770 / 610
Sound pressure (High / Medium / Low)		dB (A)	37 / 32 / 22	37 / 32 / 22	41 / 37 / 31	46 / 37 / 34
Sound power (High)		dB (A)	55	56	56	62
Refrigeration pipes	Liquid	mm (inch)	1/4"	1/4"	1/4"	3/8"
	Gas	mm (inch)	3/8"	3/8"	1/2"	5/8"
Dimensions (W x H x D)		mm	726 x 291 x 210	835 x 295 x 208	969 x 320 x 241	1083 x 336 x 244
Weight		kg	8	8.7	11.2	13.6

#### Notes:

<sup>(\*)</sup> The nominal capacity may be different depending on the outdoor unit connected and the simultaneity, for more information please consult.

<sup>(\*\*)</sup> The indicated consumption only refers to the indoor unit, this must be added to the consumption of the corresponding outdoor unit.

\* The design and specifications are subject to change without prior notice for product improvement.

\*\* The sound level values correspond to values obtained in an anechoic chamber.

\*\*\* The model 24 cannot be connected to the outdoor unit MUEW-27-H14.3, please refer to the combination table.

## MULTISPLIT Wall Type Indoor Unit MUPR-H14X Series



- Built-in presence sensor to Save Energy
- Humidity control (between 35% and 85%)
- Multifunction module included (ON/OFF port and central control)
- Save even more installation and maintenance time!
- Disassemble the indoor unit in less than 1 minute. 1 screw only!



DESIGNED BY AND FOR THE INSTALLER

*You've never seen anything like that*



RG10L5(G2HS)/BGEF  
Included  
(CL09110)

### OPTIONALS

More information on optionals in "CONTROL SYSTEMS"

#### Wired control with Wi-Fi

#### Centralized controller



KJR-120N(X4W)/BGEF  
(CL09211)



KJR-120P(X6W)/EF  
(Black)  
(CL09214)



KJR-120P(X6W)/EF  
(White)  
(CL09216)



CCM180A/WS  
(CL09300)



CCM30/BKE  
(CL92871)



MD-AC-MBS  
(CL99097 /  
CL99114 - 116)



MD-AC-KNX  
(CL94792 /  
CL99094 - 095)



INBACMID  
(CL99222 / CL99210)

### SPECIFICATIONS

Model			MUPR-09-H14X-I	MUPR-12-H14X-I	MUPR-18-H14X-I	MUPR-24-H14X-I
Code			UI20060	UI20061	UI20062	UI20063
EAN Code			8432953058531	8432953058548	8432953058555	8432953058562
Cooling	Nominal capacity (min. ~ max.) <sup>(*)</sup>	kW	2.72 (1.32 ~ 3.81)	3.52 (1.32 ~ 3.96)	5.28 (1.99 ~ 6.13)	7.03 (2.11 ~ 8.21)
	Nominal rating <sup>(*)</sup>	W	0.021	0.025	0.036	0.060
Heating	Nominal capacity (min. ~ max.) <sup>(*)</sup>	kW	3.13 (0.88 ~ 4.4)	3.96 (0.88 ~ 4.54)	5.57 (1.35 ~ 6.77)	7.33 (1.55 ~ 8.21)
	Nominal rating <sup>(*)</sup>	W	0.021	0.025	0.036	0.060
Air flow rate (Turbo / High / Medium / Low)		m <sup>3</sup> /h	760 / 530 / 360 / 280	760 / 560 / 380 / 290	835 / 685 / 580 / 400	1540 / 1092 / 724 / 379
Sound pressure (High / Medium / Low)		dB (A)	40 / 32 / 21.5	41 / 36 / 22	41 / 35 / 23	44.5 / 40 / 33
Sound power (High)		dB (A)	55	55	59	64
Refrigeration pipes	Liquid	mm (inch)	1/4"	1/4"	1/4"	3/8"
	Gas	mm (inch)	3/8"	3/8"	1/2"	5/8"
Dimensions (W x H x D)		mm	795 x 295 x 225	795 x 295 x 225	965 x 319 x 239	1,140 x 370 x 275
Weight		kg	10.2	10.2	12.3	20

#### Notes:

(\*1) The rated capacity may be different depending on the connected outdoor unit and the simultaneity for more information consult.

(\*2) The indicated consumption only refers to the indoor unit, this must be added to the consumption of the corresponding outdoor unit.

\* The design and specifications are subject to change without prior notice for product improvement.

\*\* The sound level values correspond to values obtained in an anechoic chamber.

\*\*\* The model 24 cannot be connected to the outdoor unit MUEW-27-H14.3, please refer to the combination table.

# MULTISPLIT Cassette Type Indoor Unit MUCSR-H14-I Series



**360° Design**  
Thanks to the 360° panel design, the air is more evenly distributed.



**Individual louver control**  
Possibility to adjust the angle of the 4 louvers independently.



**Compact panel size (Except model 24)**  
The trim panel of the cassette type unit measures 600 × 600 mm.



**Outdoor air inlet**  
Possibility of supplying outdoor air directly on the indoor unit.



**Remote signals (CP)**  
The indoor unit has an ON/OFF input and an alarm and operation output.



**Setpoint temperature range adjustment**  
The RG10 and KJR-120N controls allow limiting the setpoint temperature.



**Rotation & Back up**  
This function allows redundant operation in installations with 2 units connected to the same KJR-120N wired control, in the event that one machine does not reach the setpoint temperature, the two machines will automatically start operating together at 24 °C in the selected mode. At the same time a rotation in the operation of the 2 machines is carried out so that both machines operate for the same amount of time.



Models 09, 12 y 18



Model 24



RG10N2(D2S)/BGEF  
Included  
(CL09111)



## OPTIONALS

More information on optionals in "MUNDOCLIMA CONTROL SYSTEMS"

**RECOMMENDED**

**Wired control with Wi-Fi**

KJR-120N(X6W)/BGEF  
(CL09212)

KJR-120P(X6W)/EF  
(Black)  
(CL09213)

KJR-120P(X6W)/EF  
(White)  
(CL09215)

**BMS**

MD-AC-MBS  
(CL99097/  
CL99114-116)

MD-AC-KNX  
(CL94792 /  
CL99094-095)

INBACMID  
(CL99222 /  
CL99210)

**Centralized controller**

CCM180A/WS  
(CL09300)

CCM30/BKE  
(CL92871)

CCM-15(A)  
(CL92872)

## SPECIFICATIONS

Model			MUCSR-09-H14-I	MUCSR-12-H14-I	MUCSR-18-H14-I	MUCSR-24-H14-I
Set code			CL21413	CL21414	CL21415	CL21416
EAN Code			8432953062118	8432953060527	8432953060534	8432953060541
Cooling	Nominal capacity (min. ~ max.) <sup>(*)1</sup>	kW	2.64 (0.36 ~ 3.40)	3.52 (0.85 ~ 4.16)	5.27 (2.90 ~ 5.59)	7.03 (3.29 ~ 7.91)
	Nominal rating <sup>(*)2</sup>	kW	0.045	0.045	0.045	0.064
Heating	Nominal capacity (min. ~ max.) <sup>(*)1</sup>	kW	2.93 (0.45 ~ 3.61)	3.81 (0.47 ~ 4.34)	5.57 (2.37 ~ 6.10)	7.62 (2.81 ~ 8.94)
	Nominal rating <sup>(*)2</sup>	kW	0.045	0.045	0.045	0.064
Model	<b>Body</b>		<b>MUCSR-09-H14-I</b>	<b>MUCSR-12-H14-I</b>	<b>MUCSR-18-H14-I</b>	<b>MUCSR-24-H14-I</b>
	<b>Panel</b>		<b>MUCSR-H14-P1</b>	<b>MUCSR-H14-P1</b>	<b>MUCSR-H14-P1</b>	<b>MUCSR-H14-P2</b>
Code	Body		UI21540	UI21541	UI21542	UI21543
	Panel		UA21540	UA21540	UA21540	UA21543
EAN Code	Body		8432953062101	8432953059101	8432953059118	8432953059125
	Panel		8432953058982	8432953058982	8432953058982	8432953058999
Air flow rate (High / Medium / Low)		m <sup>3</sup> /h	500 / 460 / 400	620 / 520 / 330	660 / 540 / 300	1,247 / 1,118 / 992
Sound pressure (High / Medium / Low)		dB (A)	37 / 35.5 / 33 / 26	42 / 38.5 / 31.5 / 25.5	44 / 41 / 31.5 / 25	45 / 42.5 / 37 / 27.5
Sound power (High)		dB (A)	52	55	59	59
Drain connection (OD)		mm	Ø 25	Ø 25	Ø 25	Ø 25
Drain pump height <sup>(*)3</sup>		mm	1,000	1,000	1,000	1,000
Fresh air intake <sup>(*)4</sup>		mm	Ø 75	Ø 75	Ø 75	Ø 75
Refrigeration pipes	Liquid	mm (inch)	1/4"	1/4"	1/4"	3/8"
	Gas	mm (inch)	3/8"	3/8"	1/2"	5/8"
Dimensions (Width x Height x Depth)	Body	mm	570 x 245 x 570	570 x 245 x 570	570 x 245 x 570	830 x 205 x 830
	Panel	mm	620 x 50 x 620	620 x 50 x 620	620 x 50 x 620	950 x 75 x 950
Weight	Body	kg	14.6	16.1	16.2	21.6
	Panel	kg	2.7	2.7	2.7	6

### Notes:

(\*1) The nominal capacity may be different depending on the outdoor unit connected and the simultaneity, for more information please check.

(\*2) The indicated consumption only refers to the indoor unit, this must be added to the consumption of the corresponding outdoor unit.

(\*3) Pump height measured from the unit shaft. The elbow is set horizontally at 200 mm maximum.

(\*4) Inner diameter

\* The design and specifications are subject to change without prior notice for product improvement.









\*\* The sound level values correspond to values obtained in an anechoic chamber.

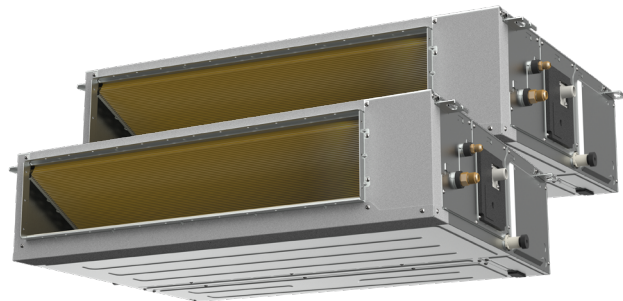
\*\*\* The model 24 cannot be connected to the outdoor unit MUEW-27-H14.3, please refer to the combination table.

## MULTISPLIT Duct Type Indoor Unit MUCR-H14-I Series



### HORIZONTAL AND VERTICAL INSTALLATION\*








-  **Extra flat duct**  
Height of the indoor unit: from 200 mm.
-  **Drainage pump**  
Incorporates drainage pump to facilitate the drainage of the indoor unit.
-  **Complete weekly timer**  
Sets the weekly operation of the unit.
-  **Configurable return**  
The air intake can be set up either at the rear or at the bottom of the unit. By default, it is set up at the rear.
-  **Setpoint temperature range adjustment**  
By means of the KJR-120N wired remote control (supplied), the setpoint temperature can be limited.
-  **Configurable static pressure**  
Through the new KJR-120N wired remote control, you can adjust the static pressure of the fan automatically or manually, so you can adapt the machine to each installation.
-  **Remote signals (CP)**  
The indoor unit has an ON/OFF input and an alarm and operation output.
-  **Rotation & Back up**  
This function allows redundant operation in installations with 2 units connected to the same KJR-120N wired control, in the event that one machine does not reach the setpoint temperature, the two machines will automatically start operating together at 24 °C in the selected mode.  
At the same time a rotation in the operation of the 2 machines is carried out so that both machines operate for the same amount of time.



KJR-120N(X6W)/BGEF  
Included  
(CL09212)

### OPTIONALS

More information on optionals in "MUNDOCLIMA CONTROL SYSTEMS"

<b>Wireless control</b>	<b>Wired control with WiFi</b>	<b>Modbus</b>	<b>KNX</b>	<b>BACnet</b>	<b>BMS</b>	<b>Centralized controller</b>
						
RG10A1(F2S)BGEF (CL97807)	KJR-120P(X6W)/EF (Black) (CL09214)	KJR-120P(X6W)/EF (White) (CL09215)	MD-AC-MBS (CL99097/ CL99114-116)	MD-AC-KNX (CL94792 / CL99094-095)	INBACMID (CL99222 / CL99210)	CCM180A/WS (CL09300)
						CCM30/BKE (CL92871)
						CCM-15(A) (CL92872)

\* Except for models 09 and 12 where only horizontal installation is possible.

### SPECIFICATIONS

Model			MUCR-09-H14-I	MUCR-12-H14-I	MUCR-18-H14-I	MUCR-24-H14-I
Code			UI21560	UI21561	UI21562	UI21563
EAN Code			8432953059002	8432953059019	8432953059026	8432953059033
Cooling	Nominal capacity (min. ~ max.) <sup>(*)</sup>	kW	2.64 (0.35 ~ 3.82)	3.52 (0.53 ~ 3.91)	5.28 (1.32 ~ 6.16)	7.09 (3.23 ~ 7.92)
	Nominal rating <sup>(**)</sup>	kW	0.80	0.80	0.80	1.65
Heating	Nominal capacity (min. ~ max.) <sup>(*)</sup>	kW	2.93 (0.94 ~ 3.48)	3.81 (1.00 ~ 4.47)	6.01 (1.50 ~ 6.31)	8.00 (2.79 ~ 8.56)
	Nominal rating <sup>(**)</sup>	kW	0.80	0.80	0.80	1.65
Air flow rate (High / Medium / Low)		m <sup>3</sup> /h	620 / 540 / 450	660 / 570 / 470	900 / 780 / 650	1,200 / 1,000 / 700
Static pressure	Nominal	Pa	25	25	25	25
	Adjustable	Pa	0 ~ 80	0 ~ 100	0 ~ 160	0 ~ 160
Sound pressure (High / Medium / Low)		dB (A)	35 / 33 / 31	35 / 33 / 31	36.5 / 34 / 31	33.5 / 32.5 / 31
Sound power (High)		dB (A)	52	52	53	56
Drain connection (OD)		mm	Ø 25	Ø 25	Ø 25	Ø 25
Drain pump height <sup>(***)</sup>		mm	1,000	1,000	1,000	1,000
Fresh air intake <sup>(***)</sup>		mm	Ø 92	Ø 92	Ø 100	Ø 100
Refrigeration pipes	Liquid	mm (inch)	1/4"	1/4"	1/4"	3/8"
	Gas	mm (inch)	3/8"	3/8"	1/2"	5/8"
Dimensions (Width x Height x Depth)		mm	700 x 200 x 506	700 x 200 x 506	700 x 245 x 750	1,000 x 245 x 750
Weight		kg	16.6	16.6	24.4	31.8

#### Notes:

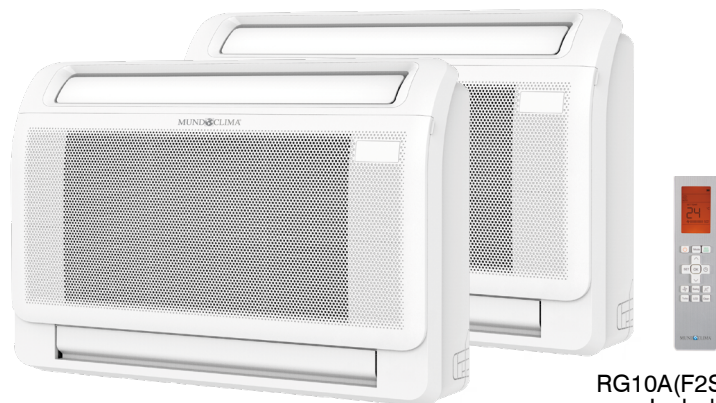
- (\*1) The nominal capacity may be different depending on the outdoor unit connected and the simultaneity, for more information please check.
- (\*2) The indicated consumption only refers to the indoor unit, this must be added to the consumption of the corresponding outdoor unit.
- (\*3) Pump height measured from the unit shaft. The elbow is set horizontally at 200 mm maximum.
- (\*4) Inner diameter

\* The design and specifications are subject to change without prior notice for product improvement.

\*\* The sound level values correspond to values obtained in an anechoic chamber.

\*\*\* The model 24 cannot be connected to the outdoor unit MUEW-27-H14.3, please refer to the combination table.

# MULTISPLIT Console Type Indoor Unit MUCNR-H14-I Series



RG10A(F2S)BGEF  
Included  
(CL09100)



**Double air flow**  
Upper and lower air outlet. In cooling mode only the upper outlet works, while in heating mode both outlets work, thus heating from ground level is achieved.



**Modern and stylish design**  
Only 206 mm deep.



**120°**  
The upper louver allows an adjustment of 120°.



**Tangential fans**  
The indoor unit incorporates a tangential fan at each air outlet, thus minimizing the noise level.



**Digital LED display**  
Equipped with a digital display that shows the setpoint temperature during cooling or heating operation, or the room temperature in ventilation mode.



## OPTIONALS

More information on optionals in "MUNDOCLIMA CONTROL SYSTEMS"

### Wired control<sup>(2)</sup>



KJR-29B1/BK-E  
(CL92869)

RECOMMENDED



KJR-120N(X4W)/BGEF<sup>(1)</sup>  
(CL09211)



KJR-120P(X6W)/EF<sup>(1)</sup>  
(Black)  
(CL09214)



KJR-120P(X6W)/EF<sup>(1)</sup>  
(White)  
(CL09216)

### Wired control with WI-FI<sup>(1)</sup>



EU-OSK-105  
(CL09001)

### Wi-Fi

### Centralized control<sup>(1)</sup>



CCM180A/WS<sup>(1)</sup>  
(CL09300)



CCM30/BKE<sup>(1)</sup>  
(CL92871)



MD-AC-MBS<sup>(1)</sup>  
(CL99097/  
CL99114-116)



MD-AC-KNX<sup>(1)</sup>  
(CL94792 /  
CL99094-095)



INBACMID<sup>(1)</sup>  
(CL99222 /  
CL99210)

### BMS<sup>(1)</sup>

### Accessories



Multifunction Module  
(CL09403)

(1) Multifunction module required.

(2) Connection cable (CL98442) required, not recommended for use with the multifunction module.

## SPECIFICATIONS

Model			MUCNR-09-H14-I	MUCNR-12-H14-I	MUCNR-18-H14-I
Code			UI21570	UI21571	UI21572
EAN Code			8432953059347	8432953059354	8432953059361
Cooling	Nominal capacity (min. ~ max.) <sup>(*)</sup>	kW	2.64 (0.36 ~ 3.81)	3.52 (0.76 ~ 4.25)	4.98 (2.64 ~ 5.57)
	Nominal rating <sup>(**)</sup>	kW	0.042	0.042	0.052
Heating	Nominal capacity (min. ~ max.) <sup>(*)</sup>	kW	2.93 (0.44 ~ 3.96)	3.81 (0.45 ~ 4.69)	5.28 (2.20 ~ 6.30)
	Nominal rating <sup>(**)</sup>	kW	0.042	0.042	0.052
Air flow rate (High / Medium / Low)		m <sup>3</sup> /h	600 / 510 / 400	650 / 580 / 490	780 / 690 / 600
Sound pressure (High / Medium / Low)		dB (A)	36.5 / 33.5 / 27.5	37 / 34 / 27 / 23	41 / 38 / 32 / 26
Sound power (High)		dB (A)	50	54	55
Drain connection (OD)		mm	Ø 16	Ø 16	Ø 16
Refrigeration pipes	Liquid	mm (inch)	1/4"	1/4"	1/4"
	Gas	mm (inch)	3/8"	3/8"	1/2"
Dimensions (Width x Height x Depth)		mm	794 x 621 x 206	794 x 621 x 206	794 x 621 x 206
Weight		kg	14.9	14.9	14.9

### Notes:

(\*) The rated capacity may be different depending on the connected outdoor unit and the simultaneity for more information please check.

(\*\*) The indicated consumption only refers to the indoor unit, this must be added to the consumption of the corresponding outdoor unit.

\* The design and specifications are subject to change without prior notice for product improvement.

\*\* The sound level values correspond to values obtained in an anechoic chamber.

\*\*\* See table of combinations.



## MULTISPLIT



### Multisplit selection

#### STEP 1

Select the power that best suits each of the rooms to be air-conditioned. The following table shows the different powers so you can select the most suitable model for your needs.

Model	9	12	18
Capacity	2.6 kW	3.5 kW	5.2 kW
<b>WALL SPLIT</b> 	<b>MUPR-09-H11-I</b> UI20055	<b>MUPR-12-H11-I</b> UI20056	<b>MUPR-18-H11-I</b> UI20057
	<b>MUPR-09-H14X-I</b> UI20060	<b>MUPR-12-H14X-I</b> UI20061	<b>MUPR-18-H14X-I</b> UI20062
<b>CASSETTE</b> 	<b>MUCSR-09-H14-I</b> CL21413	<b>MUCSR-12-H14-I</b> CL21414	<b>MUCSR-18-H14-I</b> CL21415
<b>DUCT</b> 	<b>MUCR-09-H14-I</b> UI21560	<b>MUCR-12-H14-I</b> UI21561	<b>MUCR-18-H14-I</b> UI21562
<b>CONSOLE</b> 	<b>MUCNR-09-H14-I</b> UI21570	<b>MUCNR-12-H14-I</b> UI21571	<b>MUCNR-18-H14-I</b> UI21572
<b>DHW</b> 	<b>MUACSM-190-H14-I</b> UI45304		

#### STEP 2

Select the outdoor unit that best suits to the chosen combination of indoor units.

	3x1 + DHW
<b>Model</b>	<b>MUEW-27-H14.3</b>
Code	UE45304
<b>1 UNIT</b>	DHW ONLY
<b>2 UNITS</b>	DHW+9 DHW+12 DHW+18 DHW+24 9+9 9+12 9+18 12+12 12+18
<b>3 UNITS</b>	DHW+9+9 DHW+9+12 DHW+9+18 DHW+12+12 DHW+12+18 9+9+9 9+9+12 9+12+12 12+12+12
<b>4 UNITS</b>	DHW+9+9+9 DHW+9+9+12 DHW+9+9+18 DHW+9+12+12 DHW+9+12+18 DHW+12+12+12

**CAPACITY TABLE ACCORDING TO COMBINATION**  
 To check the capacity table according to combination, access the following QR code:

