

CASSETTE TYPE SPLIT MUCSR-H14 Series

MUNDCLIMA®
SUPER DC INVERTER

External condensate pump
MAKES MAINTENANCE EASY!

AIRZONE
COMPATIBLE



SEER
A ++

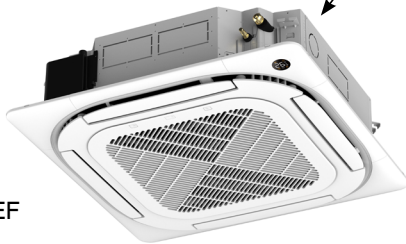
SCOP⁽¹⁾
A +++



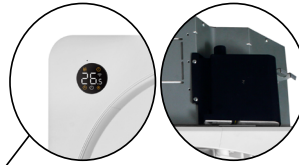
RG10N2(D2S)/BGEF
Included
(CL09111)



Models: 09 to 18



Models: 24 to 60



Models: 09 to 42



Models: 48 to 60



Power supply to outdoor unit only

The indoor unit is powered by the same interconnection cable with the outdoor unit (4x1 mm²).



360° Design

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



Drainage pump

Incorporates drainage pump to facilitate the drainage of the indoor unit.



Compact size panel (on models 09, 12 and 18)

The trim panel of the cassette type unit measures 600 x 600 mm.



Daily timer

The timer can be set to start and stop at any point in a 24-hour period.



Outdoor air inlet

Possibility of supplying outdoor air directly on the indoor unit.



Pipe compatibility

Possibility of increasing a size over the standard diameter in the gas pipe.



Digital LED display

Equipment with a digital display showing the setpoint temperature during normal operation or the ambient temperature in ventilation mode.



Refrigerant leak detection

The unit automatically detects possible refrigerant leaks in the circuit.



Engineering mode

Setting of functions and querying of operating parameters via the RG10 wireless control.



Setpoint temperature range adjustment

The RG10 and KJR-120N controls allow limiting the setpoint temperature.



Temperature compensation

The RG10 remote control allows you to set the compensation temperature for heating and cooling mode.



Remote signals (CP)

The indoor unit has an ON/OFF input and an alarm and operation output.



Automatic restart

Recovery of the adjustments before the electrical cut.



Cold air protection

In heating, the initial fan speed is adjusted in accordance with the coil temperature.



Turbo operation

Maximum cooling/heating time reduction.



Twin function (2x1, 3x1, 4x1)

Possibility to connect up to 4 indoor units to the same outdoor unit. All units will function identically as if they were one single unit. It is perfect for open rooms.



Cooling in low temperatures

Cooling operation up to -15°C outdoor.



SUPER DC

Equipment that has both, DC Inverter compressor and DC fan motors.



Night Mode

It causes the unit to operate according to the preset nighttime temperature curve, which creates an ideal nighttime environment and improves sleep quality.



Golden Fin

Treatment applied to the heat exchangers to protect the equipment against atmospheric phenomena and the effects of aggressive environments. It also prevents the proliferation of bacteria and mold.



Centralized controller CCM

Possibility to control several units from only one controller. The controller can directly control up to 64 units from different systems (optional).



Wi-Fi

Possibility of controlling the unit via Wi-Fi, through its own module and App (optional).



Air exhaust to adjacent room (except models 09, 12 and 18)

The unit has pre-drilled outlets for connecting a small duct to air-condition an adjacent room.



Single-fan outdoor units

With the redesign of the 14 kW and 16 kW units to a single fan, the entire range has single-fan outdoor units.



Individual louver control

Possibility to adjust the angle of the 4 louvers independently.



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.

(1) SCOP warm climate zone, except models 48 single-phase and 60 three-phase which is A++, for more information see specification table.

H14 CASSETTE TYPE SPLIT



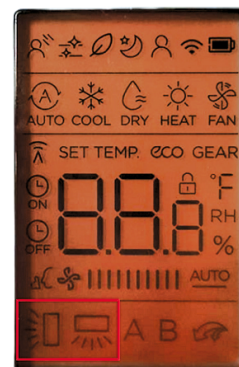
PREMIUM MULTIFUNCTION REMOTE CONTROL



LARGE BACKLIT DISPLAY

The RG10 remote control has a large display to show all the functions of the new equipment, for example:

- Fan speed adjustment from 1% to 100% in 1% increments.
- Functions: "Sleep", "Follow me", "Clean", "Turbo", "LED", "Swing", "ECO", "Gear" and Timer.
- Independent adjustment of each of the air outlet blades.



MULTIPLE CONFIGURATIONS

It also allows the adjustment of different functions of the equipment.

Set the parameters as desired:

Function	Adjustment
Auto-restart function	Active / Inactive
Temperature Compensation	Adjust the value from 0 °C to 6 °C
Fan speed setting	Adjust fan speed as desired
Temperature range setting	Minimum cooling from 16°C up to 24°C; Maximum heating from 30 °C up to 25 °C

and much more!

SAVE TIME IN MAINTENANCE

Finally, the new remote control also allows you to check operating parameters.

Check the operating frequency or temperature of all sensors of the equipment easily through the indoor unit's display.

(RG10N2(D2S/BGEF)
(CL09111)



ENGINEERING MODE MANUAL

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

discover all the possibilities!

H14 CASSETTE TYPE SPLIT



SPECIFICATIONS

Model			MUCSR-09-H14	MUCSR-12-H14	MUCSR-18-H14	MUCSR-24-H14	MUCSR-30-H14	
Set code			CL21540	CL21541	CL21542	CL21543	CL21544	
EAN set code			8432953062125	8432953058661	8432953058678	8432953058685	8432953058692	
Cooling	Nominal capacity (min. - max.)	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)	8.79 (2.23 ~ 9.38)	
	Nominal consumption (min. - max.)	kW	0.81 (0.14 ~ 1.24)	1.01 (0.16 ~ 1.45)	1.63 (0.72 ~ 2.04)	2.32 (0.78 ~ 2.75)	2.75 (0.19 ~ 3.00)	
	Pdesignc (design load)	kW	2.6	3.5	5.3	7.1	8.8	
	SEER	W/W	6.3	6.8	6.5	6.3	6.6	
	Energy labeling		A++	A++	A++	A++	A++	
	Seasonal energy efficiency for space cooling	ηs,c (%)	--	--	--	--	--	
	Annual electricity consumption	kWh/year	144	184	285	394	467	
Heating	Nominal capacity (min. - max.)	kW	2.93 (0.45 ~ 3.61)	3.81 (0.47 ~ 4.34)	5.57 (2.37 ~ 6.10)	7.62 (2.79 ~ 8.50)	9.38 (2.70 ~ 9.73)	
	Nominal consumption (min. - max.)	kW	0.95 (0.12 ~ 1.29)	1.02 (0.12 ~ 1.39)	1.56 (0.70 ~ 1.95)	1.90 (0.61 ~ 2.30)	2.45 (0.43 ~ 2.55)	
	Average climate zone	Pdesignh (design load)	kW	2.0	2.7	4.2	6.2	7.7
		SCOP	W/W	4.1	4.1	4.1	4.1	4.2
		Energy labeling		A+	A+	A+	A+	A+
	Average climate zone	Seasonal energy efficiency for space heating	ηs,h (%)	--	--	--	--	--
		Annual electricity consumption	kWh/year	683	922	1,431	2,117	2,567
		Tbiv (bivalent temperature)	°C	-7	-7	-7	-7	-7
	Warm climate zone	Pdesignh (design load)	kW	2.8	3.3	5.3	6.3	7.8
		SCOP	W/W	5.1	5.1	5.1	5.4	5.1
		Energy labeling		A+++	A+++	A+++	A+++	A+++
		Annual electricity consumption	kWh/year	769	906	1,455	1,633	2,141
	Tbiv (bivalent temperature)	°C	2	2	2	2	2	
	Tol (Operating limit temp.)	°C	-15	-15	-15	-15	-15	
	Indoor unit	Model	Body	MUCSR-09-H14-I	MUCSR-12-H14-I	MUCSR-18-H14-I	MUCSR-24-H14-I	MUCSR-30-H14-I
Panel			MUCSR-H14-P1	MUCSR-H14-P1	MUCSR-H14-P1	MUCSR-H14-P2	MUCSR-H14-P2	
Code		Body	UI21540	UI21541	UI21542	UI21543	UI21544	
		Panel	UA21540	UA21540	UA21540	UA21543	UA21543	
EAN Code		Body	8432953062101	8432953059101	8432953059118	8432953059125	8432953059132	
		Panel	8432953058982	8432953058982	8432953058982	8432953058999	8432953058999	
Air flow rate (High / Medium / Low)		m³/h	500 / 460 / 400	620 / 520 / 330	660 / 540 / 300	1,247 / 1,118 / 992	1,700 / 1,530 / 1,300	
Sound pressure (High / Medium / Low / Silence)		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	50.5 / 48 / 46 / 40	
Sound power (High)		dB (A)	52	55	59	59	63	
Drain connection (OD)		mm	Ø 25	Ø 25	Ø 25	Ø 25	Ø 25	
Drain pump height ^(*)		mm	1,000	1,000	1,000	1,000	1,000	
Fresh air intake ^(**)		mm	Ø75	Ø 75	Ø 75	Ø 75	Ø 75	
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	830 x 245 x 830
		Panel	mm	620 x 50 x 620	620 x 50 x 620	620 x 50 x 620	950 x 75 x 950	950 x 75 x 950
Weight		Body	kg	14.6	16.1	16.2	21.6	24.6
	Panel	kg	2.7	2.7	2.7	6	6	
Outdoor unit	Model	Body	MUER-09-H14-E	MUER-12-H14-E	MUER-18-H14-E	MUER-24-H14-E	MUER-30-H14-E	
		Panel	MUER-H14-E	MUER-H14-E	MUER-H14-E	MUER-H14-E	MUER-H14-E	
	Code	Body	UE21540	UE21541	UE21542	UE21543	UE21544	
		Panel	UA21540	UA21540	UA21540	UA21543	UA21543	
	EAN Code	Body	8432953059002	8432953059019	8432953059026	8432953059033	8432953059040	
		Panel	8432953059002	8432953059019	8432953059026	8432953059033	8432953059040	
	Air flow (High)	m³/h	2,200	2,200	2,100	3,500	3,800	
	Sound pressure (High)	dB (A)	53.5	57	58	60	62	
	Sound power (High)	dB (A)	63	62	65	68	70	
	Compressor (Brand / Model)		GMCC / KSK103D33UEZ3	GMCC / KSN98D64UFZ3	GMCC / KSN140D21UFZ	GMCC / KTM240D46UKT2	GMCC / KTM240D43UKT	
Dimensions (Width x Height x Depth)	mm	765 x 555 x 303	765 x 555 x 303	805 x 554 x 330	890 x 673 x 342	946 x 810 x 410		
Weight	kg	24.6	26.6	32.5	41.9	51		
Refrigerant	Type / GWP		R32 / 675	R32 / 675	R32 / 675	R32 / 675	R32 / 675	
	Load	kg	0.65	0.71	1.15	1.4	1.8	
	CO ₂ equivalence	TCO ₂ eq	0.439	0.479	0.776	0.945	1.215	
	Preload until	m	5	5	5	5	5	
	Additional load (from 5 m)	g/m	12	12	12	24	24	
Refrigeration pipes	Liquid	mm (inch)	1/4"	1/4"	1/4"	3/8"	3/8"	
	Gas	inch	3/8"	3/8"	1/2"	5/8"	5/8"	
	Maximum length ^(***)	inch	25	25	30	50	50	
	Max. height difference	m	10	10	20	25	25	
Electrical data ^(*)	Power supply	V-Hz-Ph	220-240 ~ 50, 1N	220-240 ~ 50, 1N	220-240 ~ 50, 1N	220-240 ~ 50, 1N	220-240 ~ 50, 1N	
	Maximum consumption	kW	1.82	1.85	2.95	3.7	4.5	
	Max. current	A	8.5	9	13.5	19	20	
	Power cord (outdoor unit)	mm²	2 x 2.5 + T	2 x 2.5 + T	2 x 2.5 + T	2 x 2.5 + T	2 x 2.5 + T	
	Interconnection cable	mm²	3 x 1 + T	3 x 1 + T	3 x 1 + T	3 x 1 + T	3 x 1 + T	
Operating temperature	Indoor (Cooling / Heating)	°C	16 ~ 32 / 0 ~ 30	16 ~ 32 / 0 ~ 30	16 ~ 32 / 0 ~ 30	16 ~ 32 / 0 ~ 30	16 ~ 32 / 0 ~ 30	
	Outdoor (Cooling / Heating)	°C	-15 ~ 50 / -15 ~ 24	-15 ~ 50 / -15 ~ 24	-15 ~ 50 / -15 ~ 24	-15 ~ 50 / -15 ~ 24	-15 ~ 50 / -15 ~ 24	

Notes:

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

(**) Inner diameter

(***) Pipes minimum length of 3 m

(*) 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.

H14 CASSETTE TYPE SPLIT



SPECIFICATIONS

Model			MUCSR-36-H14	MUCSR-42-H14	MUCSR-48-H14	MUCSR-48-H14T	MUCSR-60-H14T	
Set code			CL21545	CL21546	CL21547	CL21548	CL21549	
EAN set code			8432953058708	8432953058715	8432953058722	8432953058739	8432953058746	
Cooling	Nominal capacity (min. - max.)		kW 10.55 (2.70 ~ 11.43)	12.01 (2.93 ~ 12.31)	14.07 (3.52 ~ 15.83)	14.07 (3.52 ~ 15.83)	15.24 (4.10 ~ 16.12)	
	Nominal consumption (min. - max.)		kW 3.95 (0.90 ~ 4.20)	4.20 (0.68 ~ 4.35)	4.85 (0.81 ~ 5.70)	4.98 (0.81 ~ 6.35)	5.70 (1.00 ~ 6.25)	
	Pdesignc (design load)		kW 10.5	12.1	14.0	14.0	15.3	
	SEER		W/W 6.7	6.1	6.1	6.1	6.1	
	Energy labeling		A++	A++	A++	A++	A++	
	Seasonal energy efficiency for space cooling		ηs,c (%) --	241.0	241.0	241.0	240.8	
	Annual electricity consumption		kWh/year 549	700	1,373	1,373	1,505	
Heating	Nominal capacity (min. - max.)		kW 11.13 (2.78 ~ 12.30)	13.48 (3.37 ~ 14.07)	16.12 (4.20 ~ 17.00)	16.12 (4.10 ~ 17.29)	18.17 (4.40 ~ 19.05)	
	Nominal consumption (min. - max.)		kW 3.00 (0.80 ~ 3.95)	3.70 (0.75 ~ 4.25)	4.50 (0.91 ~ 5.80)	4.58 (0.91 ~ 5.90)	5.70 (0.102 ~ 6.35)	
	Average climate zone	Pdesignh (design load)		kW 8.5	9.5	11.2	11.2	11.8
		SCOP		W/W 4.0	4.0	4.0	4.0	4.0
		Energy labeling		A+	A+	A+	A+	A+
		Seasonal energy efficiency for space heating		ηs,h (%) --	157.0	157.0	157.1	157.0
		Annual electricity consumption		kWh/year 2,975	3,275	3,920	3,920	4,130
	Tbiv (bivalent temperature)		°C -7	-7	-7	-7	-7	
	Warm climate zone	Pdesignh (design load)		kW 10.1	9.8	11.1	11.1	11.5
		SCOP		W/W 5.1	5.1	5.1	5.0	4.9
		Energy labeling		A+++	A+++	A++	A+++	A++
		Annual electricity consumption		kWh/year 2,773	2,690	3,108	3,108	3,286
		Tbiv (bivalent temperature)		°C 2	2	2	2	2
	Tol (Operating limit temp.)		°C -15	-15	-15	-15	-15	
	Indoor unit	Model		MUCSR-36-H14-I	MUCSR-42-H14-I	MUCSR-48-H14-I	MUCSR-48-H14-I	MUCSR-60-H14-I
Panel		MUCSR-H14-P2	MUCSR-H14-P2	MUCSR-H14-P2	MUCSR-H14-P2	MUCSR-H14-P2		
Code		UI21545	UI21546	UI21548	UI21548	UI21549		
Panel		UA21543	UA21543	UA21543	UA21543	UA21543		
EAN Code		8432953059149	8432953059156	8432953059163	8432953059163	8432953059170		
Panel		8432953058999	8432953058999	8432953058999	8432953058999	8432953058999		
Air flow rate (High / Medium / Low)		m³/h 1,700 / 1,530 / 1,300	1,900 / 1,750 / 1,600	1,900 / 1,750 / 1,600	1,900 / 1,750 / 1,600	2,000 / 1,850 / 1,650		
Sound pressure (High / Medium / Low / Silence)		dB (A) 51 / 48 / 46 / 40	52.5 / 50 / 47.5 / 40	53 / 50.5 / 45 / 39	51.5 / 49.0 / 46.5 / 38.5	53 / 50.5 / 45.5 / 40		
Sound power (High)		dB (A) 63	65	66	66	66		
Drain connection (OD)		mm Ø 25	Ø 25	Ø 25	Ø 25	Ø 25		
Drain pump height ^(*)		mm 1,000	1,000	1,000	1,000	1,000		
Fresh air intake ^(**)		mm Ø 75	Ø 75	Ø 75	Ø 75	Ø 75		
Dimensions (Width x Height x Depth)		mm	mm	mm	mm	mm		
Body		830 x 245 x 830	830 x 287 x 830	830 x 287 x 830	830 x 287 x 830	830 x 287 x 830		
Panel		950 x 75 x 950	950 x 75 x 950	950 x 75 x 950	950 x 75 x 950	950 x 75 x 950		
Weight		kg	kg	kg	kg	kg		
Body		27.2	29.3	29.3	29.3	29.3		
Panel		6	6	6	6	6		
Outdoor unit	Model		MUER-36-H14-E	MUER-42-H14-E	MUER-48-H14-E	MUER-48-H14T-E	MUER-60-H14T-E	
	Code		UE21545	UE21546	UE21547	UE21548	UE21549	
	EAN Code		8432953059057	8432953059064	8432953059071	8432953059088	8432953059095	
	Air flow (High)		m³/h 4,000	4,000	5,600	5,600	5,600	
	Sound pressure (High)		dB (A) 63	63	64	64	65	
	Sound power (High)		dB (A) 70	71	73	73	75	
	Compressor (Brand / Model)		GMCC / KTF310D43UMT	GMCC / KTF310D43UMT	GMCC / KTQ420D1UMU	GMCC / KTQ420D1UMU	GMCC / KTQ420D1UMU	
	Dimensions (Width x Height x Depth)		mm 946 x 810 x 410	946 x 810 x 410	980 x 975 x 375	980 x 975 x 375	980 x 975 x 375	
	Weight		kg 66.9	71	82.5	92	92	
	Type / GWP		R32 / 675	R32 / 675	R32 / 675	R32 / 675	R32 / 675	
Refrigerant	Load		kg 2.4	2.8	2.9	2.9	3.2	
	CO ₂ equivalence		TCO ₂ eq 1.620	1.890	1.96	1.96	2.160	
	Preload until		m 5	5	5	5	5	
	Additional load (from 5 m)		g/m 24	24	24	24	24	
Refrigeration pipes	Liquid		mm (inch) 3/8"	3/8"	3/8"	3/8"	3/8"	
	Gas		inch 5/8"	5/8"	5/8"	5/8"	5/8"	
	Maximum length ^(***)		inch 75	75	75	75	75	
	Max. height difference		m 30	30	30	30	30	
Electrical data ^(***)	Power supply		V-Hz-Ph 220-240 ~ 50, 1N	220-240 ~ 50, 1N	220-240 ~ 50, 1N	380-415 ~ 50, 3N	380-415 ~ 50, 3N	
	Maximum consumption		kW 5	5	7.3	7.3	7.5	
	Max. current		A 22.5	22.5	32	14	14	
	Power cord (outdoor unit)		mm² 2 x 4 + T	2 x 4 + T	2 x 6 + T	4 x 2.5 + T	4 x 2.5 + T	
	Interconnection cable		mm² 3 x 1 + T	3 x 1 + T	3 x 1 + T	3 x 1 + T	3 x 1 + T	
Operating temperature	Indoor (Cooling / Heating)		°C 16 ~ 32 / 0 ~ 30	16 ~ 32 / 0 ~ 30	16 ~ 32 / 0 ~ 30	16 ~ 32 / 0 ~ 30	16 ~ 32 / 0 ~ 30	
	Outdoor (Cooling / Heating)		°C -15 ~ 50 / -15 ~ 24	-15 ~ 50 / -15 ~ 24	-15 ~ 50 / -15 ~ 24	-15 ~ 50 / -15 ~ 24	-15 ~ 50 / -15 ~ 24	

Notes:

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

(**) Inner diameter

(***) Pipes minimum length of 3 m

(*) 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.

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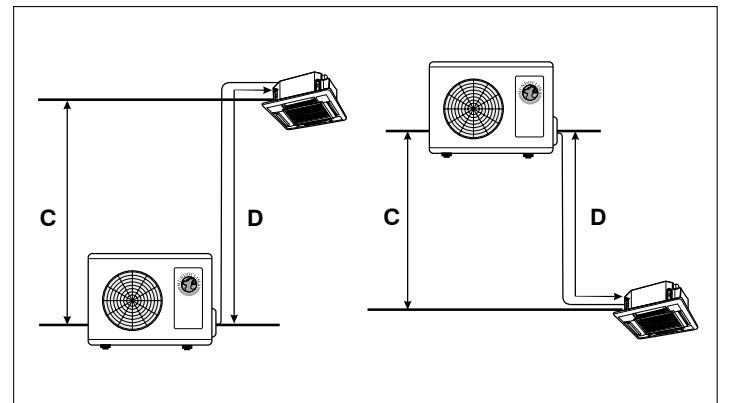
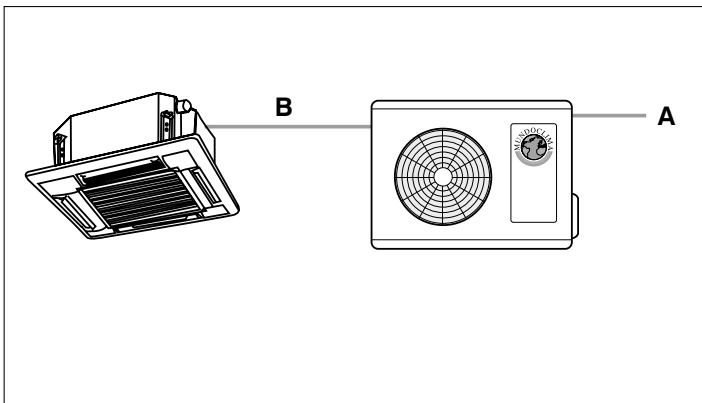


ELECTRICAL WIRING

Model	Power supply (outdoor unit only)		Interconnection (B)
	Type	Section (A)	
09-H14	230 V (1N~)	2 x 2.5 + T (mm ²)	3 x 1 + T (mm ²)
12-H14	230 V (1N~)	2 x 2.5 + T (mm ²)	3 x 1 + T (mm ²)
18-H14	230 V (1N~)	2 x 2.5 + T (mm ²)	3 x 1 + T (mm ²)
24-H14	230 V (1N~)	2 x 2.5 + T (mm ²)	3 x 1 + T (mm ²)
30-H14	230 V (1N~)	2 x 2.5 + T (mm ²)	3 x 1 + T (mm ²)
36-H14	230 V (1N~)	2 x 4 + T (mm ²)	3 x 1 + T (mm ²)
42-H14	230 V (1N~)	2 x 4 + T (mm ²)	3 x 1 + T (mm ²)
48-H14	230 V (1N~)	2 x 6 + T (mm ²)	3 x 1 + T (mm ²)
48-H14T	400V (3N~)	4 x 2.5 + T (mm ²)	3 x 1 + T (mm ²)
60-H14T	400V (3N~)	4 x 2.5 + T (mm ²)	3 x 1 + T (mm ²)

REFRIGERATION PIPES AND ADDITIONAL CHARGE (R-32)

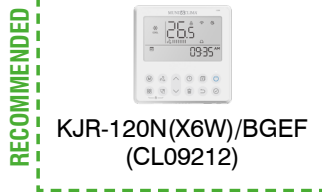
Model	Pipe		Max. distance		Additional refrigerant charge	Preload until
	Liquid	Gas	Vertical (C)	Total (D)		
09-H14	1/4"	3/8"	10 m	25 m	12 g/m	5 m
12-H14	1/4"	3/8"	10 m	25 m	12 g/m	5 m
18-H14	1/4"	1/2"	20 m	30 m	12 g/m	5 m
24-H14	3/8"	5/8"	25 m	50 m	24 g/m	5 m
30-H14	3/8"	5/8"	25 m	50 m	24 g/m	5 m
36-H14	3/8"	5/8"	30 m	75 m	24 g/m	5 m
42-H14	3/8"	5/8"	30 m	75 m	24 g/m	5 m
48-H14	3/8"	5/8"	30 m <td 75 m	24 g/m	5 m	
48-H14T	3/8"	5/8"	30 m	75 m	24 g/m	5 m
60-H14T	3/8"	5/8"	30 m	75 m	24 g/m	5 m



OPTIONALS

More information on optionals in "MUNDOCLIMA CONTROL SYSTEMS"

Wireless control



Wired control with WiFi



WiFi AIDOO Airzone



BMS



Centralized controller



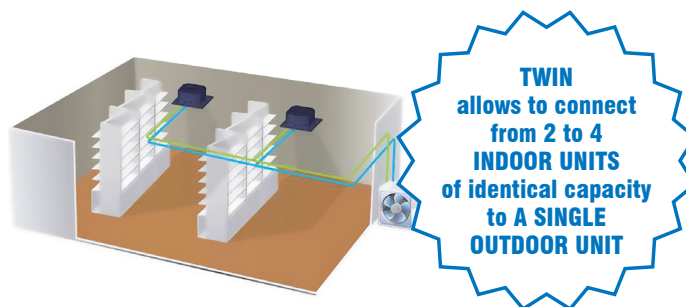
Accessories



M-CHECK
(CL09410)

H14 CASSETTE TYPE SPLIT

CASSETTE TWIN SYSTEM (2x1, 3x1, 4x1)

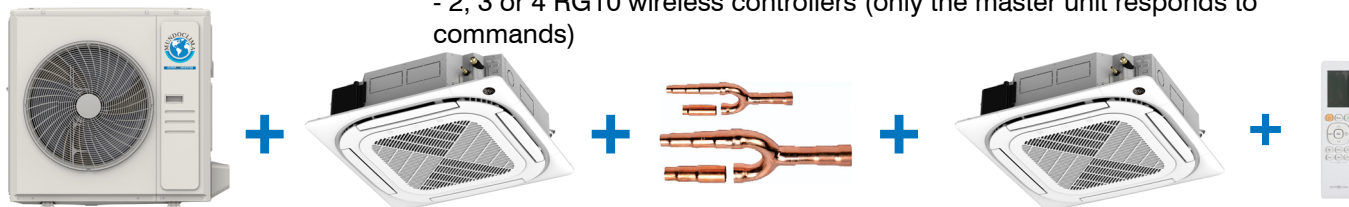


Cassette Twin systems include: - 1 outdoor unit (single fan axial).

- 2, 3 or 4 cassette indoor units with identical capacity.

- 1, 2 or 3 FQZHN-01D branch pipes.

- 2, 3 or 4 RG10 wireless controllers (only the master unit responds to commands)



Indoor units must be configured as Main and Secondary, the configuration must be made on the SW8 + S2 microswitch of the indoor units. For more information, please refer to the installation manual.

To calculate the additional gas charge in the Twin system, see section 6. REFRIGERANT PIPE in the User and Installation Manual.

IMPORTANT: In Twin systems, the indoor units **ALWAYS** work together and uniformly. **THEY CANNOT WORK INDEPENDENTLY.**

SPECIFICATIONS

Twin system:			2x1						
Model			MUCSR-09X2-H14	MUCSR-12X2-H14	MUCSR-18X2-H14	MUCSR-24X2-H14	MUCSR-24X2-H14T	MUCSR-30X2-H14T	
Set code			CL21910	CL21911	CL21912	CL21913	CL21914	CL21915	
Nominal capacity	Cooling	kW	2.64 + 2.64	3.52 + 3.52	5.27 + 5.27	7.03 + 7.03	7.03 + 7.03	8.79 + 8.79	
	Heating	kW	2.93 + 2.93	3.81 + 3.81	5.57 + 5.57	7.62 + 7.62	7.62 + 7.62	9.38 + 9.38	
Indoor units	Model		MUCSR-09-H14-I	MUCSR-12-H14-I	MUCSR-18-H14-I	MUCSR-24-H14-I	MUCSR-24-H14-I	MUCSR-30-H14-I	
	Code		UI21540	UI21541	UI215412	UI21543	UI21543	UI21544	
	Quantity		2	2	2	2	2	2	
Trim panel	Model		MUCSR-H14-P1	MUCSR-H14-P1	MUCSR-H14-P1	MUCSR-H14-P2	MUCSR-H14-P2	MUCSR-H14-P2	
	Code		UA21540	UA21540	UA21540	UA21543	UA21543	UA21543	
	Quantity		2	2	2	2	2	2	
Outdoor unit	Model		MUER-24-H14-E	MUER-24-H14-E	MUER-36-H14-E	MUER-48-H14-E	MUER-48-H14T-E	MUER-60-H14T-E	
	Code		UE21543	UE21543	UE21545	UE21547	UE21548	UE21549	
	Quantity		1	1	1	1	1	1	
Branch pipe	Model		FQZHN-01D	FQZHN-01D	FQZHN-01D	FQZHN-01D	FQZHN-01D	FQZHN-01D	
	Code		CL09500	CL09500	CL09500	CL09500	CL09500	CL09500	
	Quantity		1	1	1	1	1	1	
Refrigeration pipes	Outdoor unit until branch pipe (Liq./Gas)	inch	3/8" - 5/8"	3/8" - 5/8"	3/8" - 5/8"	3/8" - 5/8"	3/8" - 5/8"	3/8" - 5/8"	
	Indoor units until branch pipe (Liq./Gas)	inch	1/4" - 3/8"	1/4" - 3/8"	1/4" - 1/2"	3/8" - 5/8"	3/8" - 5/8"	3/8" - 5/8"	
Electrical data ^(*)	Power supply	V-Hz-Ph	220-240 ~ 50, 1N	220-240 ~ 50, 1N	220-240 ~ 50, 1N	220-240 ~ 50, 1N	380-415 ~ 50, 3N	380-415 ~ 50, 3N	
	Maximum consumption	kW	3.7	3.7	5	7.3	7.3	7.5	
	Max. current	A	19	19	22.5	32	14	14	
	Power cord (outdoor unit)	mm ²	2 x 2.5 + T	2 x 2.5 + T	2 x 4 + T	2 x 6 + T	4 x 2.5 + T	4 x 2.5 + T	
	Interconnection cable (outdoor and main indoor unit)	mm ²	3 x 1 + T	3 x 1 + T	3 x 1 + T	3 x 1 + T	3 x 1 + T	3 x 1 + T	
	Cables between indoor units (Main/Secondary) ^(*)	mm ²	3 x 0.75 (shielded) + 2 x 1 + T						

Notes:

(*1) 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.

(*2) For the connection between indoor units, two cables must be used, one 3 x 0.75 mm² shielded cable and one 2 x 1 + T cable for the power supply of the secondary indoor units. Never use the same cable for power and interconnection.

H14 CASSETTE TYPE SPLIT

CASSETTE TWIN SYSTEM (2x1, 3x1, 4x1)



SPECIFICATIONS

Twin system:			3x1		
Model			MUCSR-09X3-H14	MUCSR-12X3-H14	MUCSR-18X3-H14T
Set code			CL21916	CL21917	CL21918
Nominal capacity	Cooling	kW	2.64 + 2.64 + 2.64	3.52 + 3.52 + 3.52	5.27 + 5.27 + 5.27
	Heating	kW	2.93 + 2.93 + 2.93	3.81 + 3.81 + 3.81	5.57 + 5.57 + 5.57
Indoor units	Model		MUCSR-09-H14-I	MUCSR-12-H14-I	MUCSR-18-H14-I
	Code		UI21540	UI21541	UI215412
	Quantity		3	3	3
Trim panel	Model		MUCSR-H14-P1	MUCSR-H14-P1	MUCSR-H14-P1
	Code		UA21540	UA21540	UA21540
	Quantity		3	3	3
Outdoor unit	Model		MUER-36-H14-E	MUER-36-H14-E	MUER-60-H14T-E
	Code		UE21545	UE21545	UE21549
	Quantity		1	1	1
Branch pipe	Model		FQZHN-01D	FQZHN-01D	FQZHN-01D
	Code		CL09500	CL09500	CL09500
	Quantity		2	2	2
Refrigeration pipes	Outdoor unit until branch pipe (Liq./Gas)		inch 3/8" - 5/8"	3/8" - 5/8"	3/8" - 5/8"
	Indoor units until branch pipe (Liq./Gas)		inch 1/4" - 3/8"	1/4" - 3/8"	1/4" - 1/2"
Electrical data ^(*)	Power supply	V-Hz-Ph	220-240 ~ 50, 1N	220-240 ~ 50, 1N	380-415 ~ 50, 3N
	Maximum consumption	kW	5	5	7.5
	Max. current	A	22.5	22.5	14
	Power cord (outdoor unit)	mm ²	2 x 4 + T	2 x 4 + T	4 x 2.5 + T
	Interconnection cable (outdoor and main indoor unit)	mm ²	3 x 1 + T	3 x 1 + T	3 x 1 + T
	Cables between indoor units (Main/Secondary) ^(*)	mm ²	3 x 0.75 (shielded) + 2 x 1 + T		

Notes:

(*1) 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.

(*2) For the connection between indoor units, two cables must be used, one 3 x 0.75 mm² shielded cable and one 2 x 1+T cable for the power supply of the secondary indoor units. Never use the same cable for power and interconnection.

SPECIFICATIONS

Twin system:			4x1			
Model			MUCSR-09X4-H14	MUCSR-09X4-H14T	MUCSR-12X4-H14	MUCSR-12X4-H14T
Set code			CL21920	CL21921	CL21922	CL21923
Nominal capacity	Cooling	kW	2.64 + 2.64 + 2.64 + 2.64		3.52 + 3.52 + 3.52 + 3.52	
	Heating	kW	2.93 + 2.93 + 2.93 + 2.93		3.81 + 3.81 + 3.81 + 3.81	
Indoor units	Model		MUCSR-09-H14-I	MUCSR-09-H14-I	MUCSR-12-H14-I	MUCSR-12-H14-I
	Code		UI21540	UI21540	UI21541	UI21541
	Quantity		4	4	4	4
Trim panel	Model		MUCSR-H14-P1	MUCSR-H14-P1	MUCSR-H14-P1	MUCSR-H14-P1
	Code		UA21540	UA21540	UA21540	UA21540
	Quantity		4	4	4	4
Outdoor unit	Model		MUER-48-H14-E	MUER-48-H14T-E	MUER-48-H14-E	MUER-48-H14T-E
	Code		UE21547	UE21548	UE21547	UE21548
	Quantity		1	1	1	1
Branch pipe	Model		FQZHN-01D	FQZHN-01D	FQZHN-01D	FQZHN-01D
	Code		CL09500	CL09500	CL09500	CL09500
	Quantity		3	3	3	3
Refrigeration pipes	Outdoor unit until branch pipe (Liq./Gas)		inch 3/8" - 5/8"	3/8" - 5/8"	3/8" - 5/8"	3/8" - 5/8"
	Indoor units until branch pipe (Liq./Gas)		inch 1/4" - 3/8"	1/4" - 3/8"	1/4" - 3/8"	1/4" - 3/8"
Electrical data ^(*)	Power supply	V-Hz-Ph	220-240 ~ 50, 1N	380-415 ~ 50, 3N	220-240 ~ 50, 1N	380-415 ~ 50, 3N
	Maximum consumption	kW	7.3	7.3	7.3	7.3
	Max. current	A	32	14	32	14
	Power cord (outdoor unit)	mm ²	2 x 6 + T	4 x 2.5 + T	2 x 6 + T	4 x 2.5 + T
	Interconnection cable (outdoor and main indoor unit)	mm ²	3 x 1 + T	3 x 1 + T	3 x 1 + T	3 x 1 + T
	Cables between indoor units (Main/Secondary) ^(*)	mm ²	3 x 0.75 (shielded) + 2 x 1 + T			

Notes:

(*1) 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.

(*2) For the connection between indoor units, two cables must be used, one 3 x 0.75 mm² shielded cable and one 2 x 1+T cable for the power supply of the secondary indoor units. Never use the same cable for power and interconnection.