

# CONSOLE SPLIT TYPE MUCNR-H14 Series



**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.



RG10A(F2S)BGEF  
Included  
(CL09100)



## OPTIONALS

More information on optionals in "MUNDOCLIMA CONTROL SYSTEMS"

### Wired control<sup>(3)</sup>



KJR-29B1/BK-E<sup>(3)</sup>  
(CL92869)X

RECOMMENDED



KJR-120N(X4W)/BGEF<sup>(2)</sup>  
(CL09211)



KJR-120P(X6W)/EF<sup>(2)</sup>  
(Black)  
(CL09214)



KJR-120P(X6W)/EF<sup>(2)</sup>  
(White)  
(CL09216)

### Wired control with WI-FI<sup>(2)</sup>

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



CCM180A/WS<sup>(2)</sup>  
(CL09300)



CCM30/BKE<sup>(2)</sup>  
(CL92871)



MD-AC-MBS<sup>(2)</sup>  
(CL99097 /  
CL99114-116)



MD-AC-KNX<sup>(2)</sup>  
(CL94792 /  
CL99094-095)



INBACMID<sup>(2)</sup>  
(CL99222 /  
CL99210)

### BMS<sup>(2)</sup>

### Wi-Fi



EU-OSK-105  
(CL09001)

### Accessories



Multifunction Module  
(CL09403)



M-CHECK  
(CL09410)

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

(2) Multifunction module (CL09403) required.

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

## H14 CONSOLE TYPE SPLIT SPECIFICATIONS



Model			MUCNR-09-H14	MUCNR-12-H14	MUCNR-18-H14		
Set code			CL21570	CL21571	CL21572		
EAN set code			8432953058937	8432953058944	8432953058951		
Cooling	Nominal capacity (min. - max.)		kW	2,64 (0,36 ~ 3,81)	3,52 (0,76 ~ 4,25)	4,98 (2,64 ~ 5,57)	
	Nominal consumption (min. - max.)		kW	0,65 (0,13 ~ 1,27)	1,00 (0,17 ~ 1,35)	1,50 (0,65 ~ 1,95)	
	Pdesignc (design load)		kW	2,6	3,5	5,0	
	SEER		W/W	7,8	7,3	6,7	
	Energy labeling			A++	A++	A++	
Annual electricity consumption		kWh/year	117	168	261		
Heating	Nominal capacity (min. - max.)		kW	2,93 (0,44 ~ 3,96)	3,81 (0,45 ~ 4,69)	5,28 (2,20 ~ 6,30)	
	Nominal consumption (min. - max.)		kW	0,71 (0,14 ~ 1,16)	0,98 (0,15 ~ 1,30)	1,42 (0,60 ~ 1,90)	
	Intermediate climate zone	Pdesignh (design load)		kW	2,0	2,6	4,0
		SCOP		W/W	4,1	4,0	4,0
		Energy labeling			A+	A+	A+
		Annual electricity consumption		kWh/year	683	910	1,414
	Warm climate zone	Tbiv (bivalent temperature)		°C	-7	-7	-7
		Pdesignh (design load)		kW	2,5	3,4	5
		SCOP		W/W	5,1	5,5	5
		Energy labeling			A+++	A+++	A++
		Annual electricity consumption		kWh/year	686	866	1,400
	Tbiv (bivalent temperature)		°C	2	2	2	
	Tol (Operating limit temp.)		°C	-15	-15	-15	
Indoor unit	Model		MUCNR-09-H14-I	MUCNR-12-H14-I	MUCNR18-H14-I		
	Code		UI21570	UI21571	UI21572		
	EAN Code		8432953059347	8432953059354	8432953059361		
	Air flow rate (High / Medium / Low)		m³/h	600 / 510 / 400	650 / 580 / 490	780 / 690 / 600	
	Sound pressure (High / Medium/ Low/ Silence)		dB (A)	36,5 / 33,5 / 27,5 / 22	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	
	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	
Outdoor unit	Model		MUER-09-H14-E	MUER-12-H14-E	MUER-18-H14-E		
	Code		UE21540	UE21541	UE21542		
	EAN Code		8432953059002	8432953059019	8432953059026		
	Air flow (High)		m³/h	2,200	2,200	2,100	
	Sound pressure (High)		dB (A)	54	54	55	
	Sound power (High)		dB (A)	62	62	63	
	Compressor (Brand / Model)			GMCC / KSK103D33UEZ3	GMCC / KSN98D64UFZ3	GMCC / KSN140D21UFZ	
	Dimensions (Width x Height x Depth)		mm	765 x 555 x 303	765 x 555 x 303	805 x 554 x 330	
Weight		kg	14,9	26,6	32,5		
Refrigerant	Type / GWP		R32 / 675	R32 / 675	R32 / 675		
	Load		kg	0,65	0,71	1,15	
	CO <sub>2</sub> equivalence		TCO <sub>2</sub> eq	0,439	0,479	0,776	
	Preload until		m	5	5	5	
	Additional load (from 5 m)		g/m	12	12	12	
Refrigeration pipes	Liquid		mm (inch)	1/4"	1/4"	1/4"	
	Gas		inch	3/8"	3/8"	1/2"	
	Maximum length (*3)		inch	25	25	30	
	Max. height difference		m	10	10	20	
Electrical data (*2)	Power supply		V-Hz-Ph	220-240 ~ 50, 1N	220-240 ~ 50, 1N	220-240 ~ 50, 1N	
	Maximum consumption		kW	1,82	1,85	2,95	
	Max. current		A	8,5	9	13,5	
	Power cord (outdoor unit)		mm²	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	
Operation temperature	Indoor (Cooling / Heating)		°C	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	

### Notes:

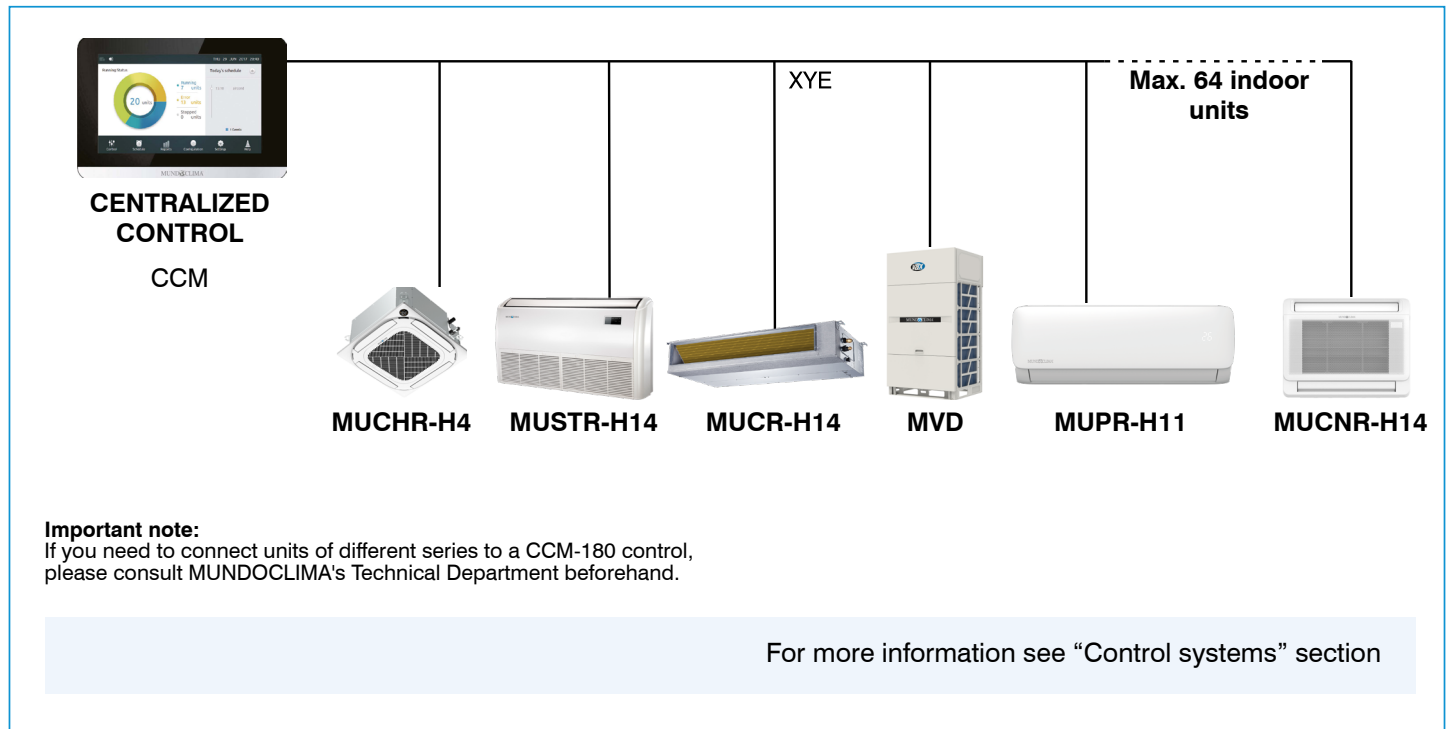
(\*1) Minimum pipe length: 3 m.

(\*2) 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.

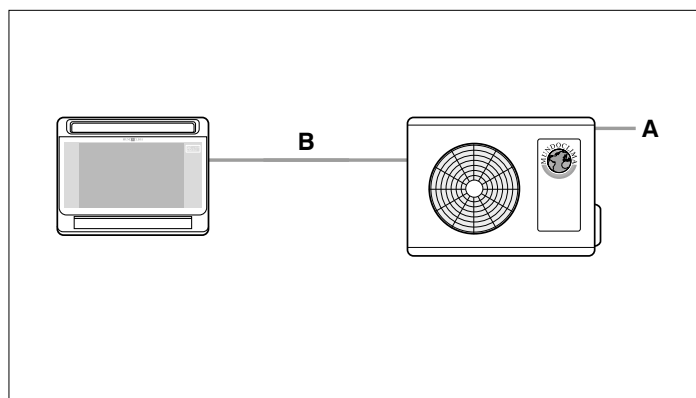
\*\* The values of noise level match with values obtained in an anechoic chamber.

## SPLIT TYPE COLONNE H14 CENTRALIZED CONTROLLER CONNECTION



### ELECTRICAL WIRING

Model	Power supply (outdoor unit only)		Interconnection (B)	Wired control (E)
	Type	Section (A)		
09-H14	230 V (1 N~)	2 x 2,5 + T (mm <sup>2</sup> )	3 x 1 + T (mm <sup>2</sup> )	2 x 0,5 (mm <sup>2</sup> )
12-H14	230 V (1 N~)	2 x 2,5 + T (mm <sup>2</sup> )	3 x 1 + T (mm <sup>2</sup> )	2 x 0,5 (mm <sup>2</sup> )
18-H14	230 V (1 N~)	2 x 2,5 + T (mm <sup>2</sup> )	3 x 1 + T (mm <sup>2</sup> )	2 x 0,5 (mm <sup>2</sup> )



### 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

