

CONSOLE SPLIT TYPE MUCNR-H11 Series



RG10A(F2S)BGEF
Included
(CL 09 100)



OPTIONALS

More information on the optionals in "MUNDOCLIMA CONTROL SYSTEMS"

Wired remote control



KJR-29B1/BK-E
(CL 92 869)



KJR-120N(X4W)/BGEF⁽¹⁾
(CL 09 211)



KJR-120P(X6W)/EF⁽¹⁾
(CL 09 214)

Wired control with WIFI⁽¹⁾



CCM180A/WS
(CL 97 800)



CCM270B/WS
(CL 97 802)



CCM30/BKE
(CL 92 871)



CCM15
(CL 97 804)

Centralized control⁽¹⁾



MD-AC-MBS
(CL 99 097/
CL 99 114-116)



MD-AC-KNX
(CL 94 792 /
CL 99 094-095)



INBACMID
(CL 99 222 /
CL 99 210)

BMS⁽¹⁾



MUNDOCLIMA
EU-OSK-105
(CL 09 001)

Wifi



Multifunction Module
(CL 09 403)

Accessories



M-CHECK
(CL 09 410)

⁽¹⁾Multifunction module needed (CL 09 403).

DATA SHEET

Model			MUCNR-12-H11	MUCNR-18-H11		
Joint code			CL21530	CL21531		
Cooling	Rated capacity (min.- max.)		kW	3.52 (0.76 ~ 4.25)	4.98 (2.64 ~ 5.57)	
	Nominal consumption (min.- max.)		kW	1.00 (0.17 ~ 1.35)	1.50 (0.65 ~ 1.95)	
	Pdesignc (design load)		kW	3.5	5.0	
	SEER		W/W	7.3	6.7	
	Energy labeling			A++	A++	
	Annual electricity consumption		kWh/year	168	261	
Heating	Rated capacity (min.- max.)		kW	3.81 (0.45 ~ 4.69)	5.28 (2.20 ~ 6.30)	
	Nominal consumption (min.- max.)		kW	0.98 (0.15 ~ 1.30)	1.42 (0.60 ~ 1.90)	
	Intermediate climate zone	Pdesignh		kW	3.4	4.0
		SCOP		W/W	4.0	4.0
		Energy labeling			A+	A+
		Annual electricity consumption		kWh/year	910	1414
		Tbiv		°C	-7	-7
		Tol (Operating limited temp.)		°C	-15	-15
	Warm climate zone	Pdesignh		kW	3.4	5.0
		SCOP		W/W	5.5	5.0
		Energy labeling			A+++	A++
		Annual electricity consumption		kWh/year	866	1 400
		Tbiv		°C	2	2
	Indoor unit	Model			MUCNR-12-H11-I	MUCNR18-H11-I
Code			UI21530	UI21531		
EAN Code			8432953051457	8432953051464		
Air flow rate (High / Medium / Low)		m³/h	650 / 580 / 490	780 / 690 / 600		
Sound pressure (High / Medium/ Low/ Silence)		dB (A)	37 / 34 / 27	41 / 38 / 32		
Sound power (High)		dB (A)	54	55		
Drain connection (OD)		mm	Ø 16	Ø 16		
Dimensions (Width x Height x Depth)		mm	794 x 621 x 206	794 x 621 x 206		
Weight		kg	14.9	14.9		
Outdoor Unit	Model			MUER-12-H11-E	MUER-18-H11-E	
	Code			UE21500	UE21501	
	EAN Code			8432953050214	8432953050221	
	Air flow (High)		m³/h	2 200	2 100	
	Sound pressure (High)		dB (A)	54	55	
	Sound power (High)		dB (A)	62	63	
	Compressor (Brand / Model)			GMCC / KSN98D64UFZ3	GMCC / KSN140D21UFZ	
	Dimensions (Width x Height x Depth)		mm	765 x 555 x 303	805 x 554 x 330	
Refrigerant	Type / GWP			R32 / 675	R32 / 675	
	Load		kg / TCO ₂ eq	0.71 / 0.479	1.15 / 0.776	
	Preload until		m	5	5	
	Additional load (from 5 m)		g / m	12	12	
Connection pipes	Liquid		mm (inch)	Ø 6.35 (1/4")	Ø 6.35 (1/4")	
	Gas		mm (inch)	Ø 9.52 (3/8")	Ø 12.7 (1/2")	
	Max. Length ⁽¹⁾		m	25	30	
	Max. Height Difference		m	10	20	
Electrical Data	Power supply		V - Hz - Ph	220-240 ~ 50, 1N	220-240 ~ 50, 1N	
	Maximum consumption		kW	1.85	2.95	
	Max. current		A	9	13.5	
	Power cord (outdoor unit)		mm²	2 x 2.5 + T	2 x 2.5 + T	
	Communication cable		mm²	3 x 1 + T	3 x 1 + T	
Storage temperature	Indoor (Cooling / Heating)		°C	16 ~ 32 / 0 ~ 30	16 ~ 32 / 0 ~ 30	
	Outdoor (Cooling / Heating)		°C	-15 ~ 50 / -15 ~ 24	-15 ~ 50 / -15 ~ 24	

Notes:


⁽¹⁾ Pipes minimum length: 3 m.

* The above design and specifications are subject to change of product improvement without prior notice.

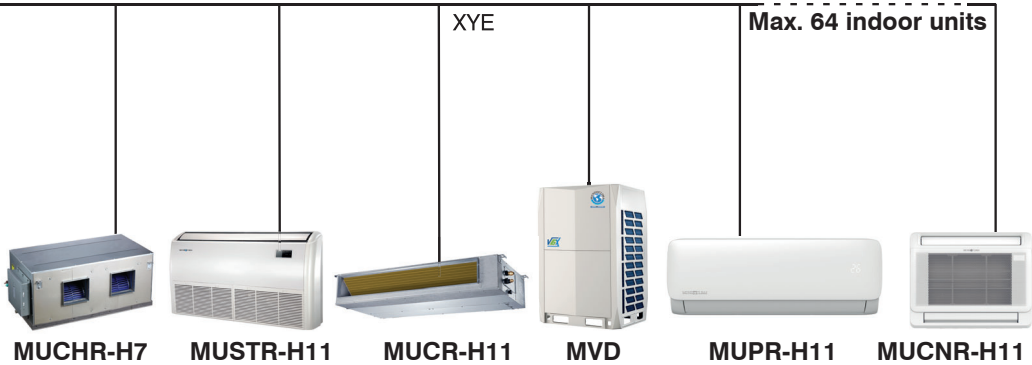
** The values of noise level match with values obtained in the anechoic chamber.

*** All the data and specifications can be changed without previous notice.

CENTRALIZED CONTROLLER CONNECTION



CENTRALIZED CONTROL
CCM



Important note:
 If you need to connect units of different series to a CCM-180 or CCM-270 control, please consult MUNDOCLIMA's Technical Department beforehand

For more information see control systems section

■ ELECTRICAL WIRING

Model	Power supply (outdoor unit only)		Interconnection (B)
	Type	Section (A)	
12	230 V (1N~)	2 x 2.5 + T (mm ²)	3 x 1 + T (mm ²)
18			

■ CONNECTION PIPES AND ADDITIONAL CHARGE (R-32)

Model	Pipe		Max. distance		Additional refrigerant charge	Preload until
	Liquid	Gas	Vertical (C)	Total (D)		
12	1/4"	3/8"	10 m	25 m	12 g/m	5 m
18		1/2"	20 m	30 m		

