

MULTISPLIT EXTERNAL UNIT H11



SPECIFICATIONS

Model			MUEX-14-H11.2	MUEX-18-H11.2	MUEX-18-H11.3	MUEX-21-H11.3		
Code			CL21400	CL21401	CL21402	CL21403		
EAN Code			8432953051990	8432953052003	8432953060411	8432953052010		
Cooling (*)	Nominal capacity (min. - max.)		kW	4.10 (1.47 - 4.98)	5.28 (2.23 - 5.57)	5.28 (2.05 ~ 6.01)	6.15 (1.99 - 6.59)	
	Nominal consumption (min. - max.)		kW	1.27 (0.10 - 1.65)	1.63 (0.69 - 2.00)	1.45 (0.67 - 1.90)	1.90 (0.18 - 2.20)	
	Pdesignc (design load)		kW	4.1	5.3	5.3	6.1	
	SEER		W/W	6.8	6.1	6.8	6.5	
	Energy Efficiency Class			A++	A++	A++	A++	
	Seasonal energy efficiency for space cooling		ηs,c (%)	--	--	--	--	
	Annual electricity consumption		kWh/year	215	310	273	328	
Heating (*)	Nominal capacity (min. - max.)		kW	4.40 (1.61 - 4.84)	5.57 (2.34 - 5.63)	5.28 (2.05 ~ 5.71)	6.45 (1.99 - 6.68)	
	Nominal consumption (min. - max.)		kW	1.18 (0.22 - 1.63)	1.50 (0.60 - 1.78)	1.38 (0.65 - 1.65)	1.73 (0.35 - 1.80)	
	Intermediate climate zone	Pdesignh (design load)		kW	3.8	4.5	4.7	5.4
		SCOP		W/W	4.0	4.0	4.1	4.0
		Energy labeling			A+	A+	A+	A+
		Seasonal energy efficiency for space heating		ηs,h (%)	--	--	--	--
		Annual electricity consumption		kWh/year	1340	1580	1634	1890
		Tbiv (bivalent temperature)		°C	-7	-7	-7	-7
	Warm climate zone	Pdesignh (design load)		kW	4.1	5.0	4.2	5.5
		SCOP		W/W	5.1	5.1	5.1	5.1
		Energy labeling			A+++	A+++	A+++	A+++
		Annual electricity consumption		kWh/year	1125	1377	1168	1510
		Tbiv (bivalent temperature)		°C	2	2	2	2
	Tol (temperature operating limit)		°C	-15	-15	-15	-15	
	Outdoor unit	Air flow rate (max.)		m³/h	2,100	2,100	2,100	3,000
Sound pressure (High)		dB (A)	55	54	57	55		
Sound power (High)		dB (A)	65	65	64	66		
Dimensions (W x H x D) (*)		mm	805 x 554 x 330	805 x 554 x 330	805 x 554 x 330	890 x 673 x 342		
Weight		kg	31.6	35.0	36.2	43.3		
Refrigerant	Type / GWP			R32 / 675	R32 / 675	R32 / 675	R32 / 675	
	Load		kg	1.1	1.3	1.5	1.5	
	CO ₂ equivalence		TCO ₂ eq	0.743	0.844	1.013	1.013	
	Preload until	Total 1/4" liquid pipes		m	15	15	15	22.5
		Total 3/8" liquid pipes		m	--	--	--	--
	Additional charge	1/4" liquid pipes		g/m	12	12	12	12
3/8" liquid pipes		g/m	--	--	--	--		
Refrigeration pipes	Liquid		mm (inch)	(1/4") x 2	(1/4") x 2	(1/4") x 3	(1/4") x 3	
	Gas		mm (inch)	(3/8") x 2	(3/8") x 2	(3/8") x 3	(3/8") x 3	
	Max. length		m	40	40	60	60	
	Length per Unit Indoor		m	25	25	30	30	
	Max. height difference	Between IDU's and the ODU		m	15	15	15	15
		Difference Among IDU's		m	10	10	10	10
Electrical data (*)	Power supply		V-Hz-Ph	230 / 50 / 1 Ph	230 / 50 / 1 Ph	230 / 50 / 1 Ph	230 / 50 / 1 Ph	
	Maximum consumption		kW	2.75	3.05	2.76	3.91	
	Max. current		A	12	13	12.0	17	
	Power cord (outdoor unit)		mm ²	2 x 2.5 + T	2 x 2.5 + T	2 x 2.5 + T	2 x 2.5 + T	
	Interconnection cable		mm ²	3 x 1 + T	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	16 ~ 32 / 0 ~ 30	
	Outdoor (Cooling / Heating)		°C	-15 ~ 50 / -15 ~ 24	-15 ~ 50 / -15 ~ 24	-15 ~ 50 / -15 ~ 24	-15 ~ 50 / -15 ~ 24	

Notes:

(*) Data taken with MUPR-09-H11-I indoor units (as many as there are outlets in the outdoor unit).

(**) The dimensions are for the unit body, not including protruding elements (valve covers, grids, handles, etc.) for detailed dimensions.

(***) 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 EXTERNAL UNIT H11



SPECIFICATIONS

Model			MUEX-27-H11.3	MUEX-28-H11.4	MUEX-36-H11.4	MUEX-42-H11.5		
Code			CL21404	CL21405	CL21406	CL21407		
EAN Code			8432953052027	8432953052034	8432953052041	8432953051822		
Cooling (*)	Nominal capacity (min. - max.)		kW	7.91 (3.03 - 8.50)	8.21 (2.49 - 10.26)	10.55 (2.74 - 11.29)	12.31 (2.64 - 12.31)	
	Nominal consumption (min. - max.)		kW	2.45 (0.23 - 3.25)	2.50 (0.15 - 3.43)	3.27 (0.21 - 4.12)	3.80 (0.18 - 4.60)	
	Pdesignc (design load)		kW	7.9	8.2	10.5	12.3	
	SEER		W/W	6.1	7.0	6.5	6.5	
	Energy Efficiency Class			A++	A++	A++	A++	
	Seasonal energy efficiency for space cooling		ηs,c (%)	--	--	--	257	
	Annual electricity consumption		kWh/year	453	404	565	662	
Heating (*)	Nominal capacity (min. - max.)		kW	8.21 (2.20 - 8.50)	8.79 (1.61 - 10.14)	10.55 (3.60 - 10.83)	12.31 (3.52 - 12.31)	
	Nominal consumption (min. - max.)		kW	2.21 (0.33 - 2.96)	2.40 (0.28 - 3.20)	2.84 (0.52 - 3.68)	3.30 (0.57 - 4.30)	
	Intermediate climate zone	Pdesignh (design load)		kW	5.7	6.8	9.2	9.5
		SCOP		W/W	4.0	4.0	4.0	3.8
		Energy labeling			A+	A+	A+	A
		Seasonal energy efficiency for space heating		ηs,h (%)	--	--	--	149
		Annual electricity consumption		kWh/year	1995	2394	3220	3500
	Warm climate zone	Tbiv (bivalent temperature)		°C	-7	-7	-7	-7
		Pdesignh (design load)		kW	6.3	6.8	10.0	9.8
		SCOP		W/W	5.1	5.1	5.1	5.1
		Energy labeling			A+++	A+++	A+++	A+++
		Annual electricity consumption		kWh/year	1729	1867	2745	2690
		Tbiv (bivalent temperature)		°C	2	2	2	2
	Tol (temperature operating limit)		°C	-15	-15	-15	-15	
Outdoor unit	Air flow rate (max.)		m³/h	3,000	3,800	4,000	3,850	
	Sound pressure (High)		dB (A)	55	63	62.5	61.5	
	Sound power (High)		dB (A)	68	70	70	70	
	Dimensions (W x H x D) (*)		mm	890 x 673 x 342	946 x 810 x 410	946 x 810 x 410	946 x 810 x 410	
	Weight		kg	48.0	62.1	68.8	74.1	
Refrigerant	Type / GWP			R32 / 675	R32 / 675	R32 / 675	R32 / 675	
	Load		kg	1.9	2.1	2.1	2.9	
	CO ₂ equivalence		TCO ₂ eq	1.249	1.418	1.418	1.958	
	Preload until	Total 1/4" liquid pipes		m	22.5	30	30	37.5
		Total 3/8" liquid pipes		m	--	7.5	7.5	7.5
	Additional charge	1/4" liquid pipes		g/m	12	12	12	12
3/8" liquid pipes		g/m	--	24	24	24		
Refrigeration pipes	Liquid		mm (inch)	(1/4") x 3	(1/4") x 3 + (1/4") x 1	(1/4") x 3 + (1/4") x 1	(1/4") x 4 + (1/4") x 1	
	Gas		mm (inch)	(3/8") x 3	(3/8") x 3 + (1/2") x 1	(3/8") x 3 + (1/2") x 1	(3/8") x 4 + (1/2") x 1	
	Max. length		m	60	80	80	80	
	Length per Unit Indoor		m	30	35	35	35	
	Max. height difference	Between IDU's and the ODU		m	15	15	15	15
		Difference Among IDU's		m	10	10	10	10
Electrical data (*)	Power supply		V-Hz-Ph	230 / 50 / 1 Ph	230 / 50 / 1 Ph	230 / 50 / 1 Ph	230 / 50 / 1 Ph	
	Maximum consumption		kW	4.1	4.15	4.95	4.7	
	Max. current		A	18	19	21.5	22	
	Power cord (outdoor unit)		mm ²	2 x 2.5 + T	2 x 4 + T	2 x 4 + T	2 x 4 + T	
	Interconnection cable		mm ²	3 x 1 + T	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	16 ~ 32 / 0 ~ 30	
	Outdoor (Cooling / Heating)		°C	-15 ~ 50 / -15 ~ 24	-15 ~ 50 / -15 ~ 24	-15 ~ 50 / -15 ~ 24	-15 ~ 50 / -15 ~ 24	

Notes:

(*) Data taken with MUPR-09-H11-I indoor units (as many as there are outlets in the outdoor unit).

(*) The dimensions are for the unit body, not including protruding elements (valve covers, grids, handles, etc.) for detailed dimensions.

(*) 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.

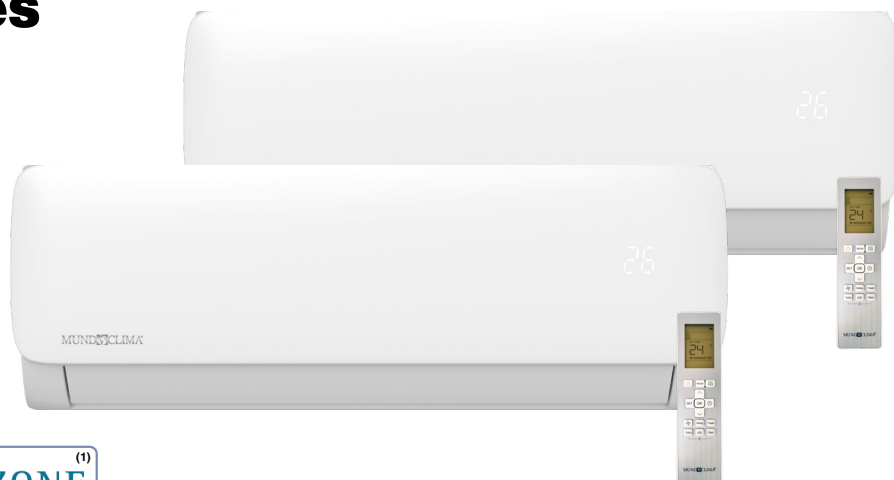
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MULTISPLIT Wall Type Indoor Unit MUPR-H11-I Series



RG10A1 (F2S)/BGEF
Included
(CL97807)



OPTIONALS

More information on the optionals in "MUNDOCLIMA CONTROL SYSTEMS"

Wired control⁽²⁾



KJR-29B1/BK-E⁽²⁾
(CL92869)



KJR-120N(X4W)/BGEF⁽¹⁾
(CL09211)



KJR-120P(X6W)/EF⁽¹⁾
(Black)
(CL09214)



KJR-120P(X6W)/EF⁽¹⁾
(White)
(CL09216)

Centralized control⁽¹⁾



CCM180A/WS⁽¹⁾
(CL09300)



CCM30/BKE⁽¹⁾
(CL92871)



MD-AC-MBS⁽¹⁾
(CL99097 /
CL99114-116)



MD-AC-KNX⁽¹⁾
(CL94792 /
CL99094-095)



INBACMID⁽¹⁾
(CL99222/
CL99210)

WIFI



EU-OSK-105
(CL09001)

Accessories



H11 Multifunction Module
(CL09400)

⁽¹⁾ H11 multifunction module required.

⁽²⁾ 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.) ^(*1)	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 ^(*2)	W	0.021	0.023	0.036	0.068
Heating	Nominal capacity (min. ~ max.) ^(*1)	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 ^(*2)	W	0.021	0.023	0.036	0.068
Air flow rate (High / Medium / Low)		m ³ /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)	54	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:

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

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

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