



M-CHECK
(CL09410)

OUTDOOR UNIT 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 ⁽¹⁾	Rated 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 capacity)	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 ⁽¹⁾	Rated 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	4.7	5.4
		SCOP	W/W	4.0	4.1	4.0
		Energy efficiency class		A+	A+	A+
		Seasonal energy efficiency for space heating	ηs,h (%)	--	--	--
	Warm climate zone	Annual electricity consumption	kWh/year	1340	1634	1890
		Tbiv (bivalent temperature)	°C	-7	-7	-7
		Pdesignh (design load)	kW	4.1	4.2	5.5
		SCOP	W/W	5.1	5.1	5.1
		Energy efficiency class		A+++	A+++	A+++
		Annual electricity consumption	kWh/year	1125	1377	1510
		Tbiv (bivalent temperature)	°C	2	2	2
	Tot (operation limit temperature)		°C	-15	-15	-15
Outdoor unit	Air flow rate (max.)	m³/h	2,100	2,100	2,100	3,000
	Sound pressure (High)	dB(A)	56	56	55	55
	Sound power (High)	dB(A)	65	65	64	66
	Dimensions (W x H x D) ⁽²⁾	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
	Charge	kg	1.1	1.3	1.5	1.5
	CO ₂ equivalence	TCO ₂ eq	0.743	0.844	1.013	1.013
	Precharge until	Total 1/4" liquid pipes	m	15	15	22.5
		Total 3/8" liquid pipes	m	--	--	--
	Additional charge	1/4" liquid pipes	g/m	12	12	12
		3/8" liquid pipes	g/m	--	--	--
Refrigeration pipes	Liquid	mm (inches)	(1/4") x 2	(1/4") x 2	(1/4") x 3	(1/4") x 3
	Gas	mm (inches)	(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 the IDU and the ODU	m	15	15	15
		Difference Among IDU	m	10	10	10
Data electrical ⁽³⁾	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)	mm²	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
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

Note:

⁽¹⁾ Data taken with MUPR-09-H11-I indoor units (as many as there are outlets in the outdoor unit).

⁽²⁾ 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.

⁽³⁾ 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.

OUTDOOR UNIT SPECIFICATIONS

Model			MUEX-27-H11.3	MUEX-24-H11.4	MUEX-28-H11.4	MUEX-36-H11.4	MUEX-42-H11.5
Code			CL21404	CL21409	CL21405	CL21406	CL21407
EAN Code			8432953052027	8432953083526	8432953052034	8432953052041	8432953051822
Cooling ⁽¹⁾	Rated capacity (min. - max.)	kW	7.91 (3.03 - 8.50)	7.03 (2.11 - 8.44)	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)	1.98 (0.30 - 3.10)	2.50 (0.15 - 3.43)	3.27 (0.21 - 4.12)	3.80 (0.18 - 4.60)
	Pdesignc (design capacity)	kW	7.9	7.1	8.2	10.5	12.3
	SEER	W/W	6.1	7.2	7.0	6.5	6.5
	Energy Efficiency Class		A++	A++	A++	A++	A++
	Seasonal energy efficiency for space cooling	ηs,c (%)	--	--	--	--	257
	Annual electricity consumption	kWh/year	453	345	404	565	662
Heating ⁽¹⁾	Rated capacity (min. - max.)	kW	8.21 (2.20 - 8.50)	7.33 (2.2 - 7.68)	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)	1.79 (0.26 - 2.60)	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	5.9	6.8	9.2
		SCOP	W/W	4.0	4.1	4.0	3.8
		Energy efficiency class		A+	A+	A+	A
		Seasonal energy efficiency for space heating	ηs,h (%)	--	--	--	149
		Annual electricity consumption	kWh/year	1995	2015	2394	3500
	Warm climate zone	Tbiv (bivalent temperature)	°C	-7	-7	-7	-7
		Pdesignh (design load)	kW	6.3	6.8	6.8	10.0
		SCOP	W/W	5.1	5.3	5.1	5.1
		Energy efficiency class		A+++	A+++	A+++	A+++
		Annual electricity consumption	kWh/year	1729	1796	1867	2745
		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	3,000	3,800	4,000	3,850
	Sound pressure (High)	dB(A)	55	50	55	55	55
	Sound power (High)	dB(A)	68	65	70	70	70
	Dimensions (W x H x D) ⁽²⁾	mm	890 x 673 x 342	890 x 673 x 342	946 x 810 x 410	946 x 810 x 410	946 x 810 x 410
	Weight	kg	48.0	48.2	62.1	68.8	74.1
Refrigerant	Type / GWP		R32 / 675	R32 / 675	R32 / 675	R32 / 675	R32 / 675
	Charge	kg	1.9	2.0	2.1	2.1	2.9
	CO ₂ equivalence		TCO ₂ eq	1.350	1.418	1.418	1.958
	Precharge until	Total 1/4" liquid pipes	m	22.5	30	30	37.5
		Total 3/8" liquid pipes	m	--	--	7.5	7.5
	Additional charge	1/4" liquid pipes	g/m	12	12	12	12
		3/8" liquid pipes	g/m	--	--	24	24
Refrigeration pipes	Liquid	mm (inches)	(1/4") x 3	(1/4") x 4	(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 (inches)	(3/8") x 3	(3/8") x 4	(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	80
	Length per Unit Indoor	m	30	35	35	35	35
	Max. height difference	Between the IDU and the ODU	m	15	15	15	15
		Difference Among IDU	m	10	10	10	10
Electrical data ⁽³⁾	Power supply	V / Hz / Ph	230 / 50 / 1 Ph	230 / 50 / 1 Ph	230 / 50 / 1 Ph	230 / 50 / 1 Ph	230 / 50 / 1 Ph
	Maximum consumption	kW	4.1	4.1	4.15	4.95	4.7
	Max. current	A	18	18	19	21.5	22
	Power cord (outdoor unit)	mm²	2 x 2.5 + T	2 x 2.5 + T	2 x 4 + T	2 x 4 + T	2 x 4 + T
	Interconnection cable	mm²	3 x 1 + T	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	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

Note:

⁽¹⁾ Data taken with MUPR-09-H11-I indoor units (as many as there are outlets in the outdoor unit).

⁽²⁾ 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.

⁽³⁾ 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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MUNDCLIMA®

MULTISPLIT - Wall Type Indoor Unit

MUPR-H11-I Series

Protocol V4+



RG10A1 (F2S)/BGEF
Included
(CL97807)



OPTIONALS

More information on optionals in "CONTROL SYSTEMS"

Wired control⁽²⁾



KJR-29B1/BK-E⁽²⁾
(CL92869)



KJR-120N(X4W)/BGEF⁽¹⁾
(CL09211)



KJR-120P(X6W)/EF⁽¹⁾
(CL09214)

Wired control with WI-FI⁽¹⁾

WIFI AIDOO Airzone⁽¹⁾



AZAI6WSCGM1⁽¹⁾
(CO48080)

Centralized control⁽¹⁾



CCM180A/WS⁽¹⁾
(CL09300)



CCM30/BKE⁽¹⁾
(CL92871)



MD-AC-MBS⁽¹⁾
(CL99097)



MD-AC-KNX⁽¹⁾
(CL94792)



INBACMID⁽¹⁾
(CL99222)

BMS⁽¹⁾



EU-OSK-105
(CL09001)

WIFI

Accessories



H11 Multifunction Module
(CL09400)

⁽¹⁾ The multifunction module H11 (CL09400) is required, and if the KJR-120 wired controllers is used then add the connection cable (CL09408).

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

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.)	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 consumption ⁽³⁾	W	21	23	36	68
Heating	Nominal capacity (min. ~ max.)	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 consumption ⁽³⁾	W	21	23	36	68
Air flow rate (H / M / L)		m³/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 (inches)	Ø 6.35 (1/4")	Ø 6.35 (1/4")	Ø 6.35 (1/4")	Ø 9.52 (3/8")
	Gas	mm (inches)	Ø 9.52 (3/8")	Ø 9.52 (3/8")	Ø 12.7 (1/2")	Ø 15.9 (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

Note:

⁽³⁾ 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.

*** In the Multisplit system, the following indoor unit functions will not be available: Silence, Self-cleaning, Eco, Gear, Breeze away, Reverse rotation, 1W Standby, Emergency operation, Refrigerant leaks detection and Sprint start.



MUNDCLIMA®

MULTISPLIT - Wall Type Indoor Unit

MUPR-H14X-I Series

Protocol V4+

- Humidity control (between 35 % and 85 %)
- Multifunction module included (ON/ OFF port and central control)
- Save even more installation and maintenance time!



DESIGNED BY AND
FOR THE INSTALLER
*You've never seen anything
like that*



AIR PURIFIER
via
Ionization

RG10L5(G2HS)/BGEF
Included
(CL09110)

OPTIONALS

More information on the options can be found in the "CONTROL SYSTEMS" section.

Wired control with WIFI

AIDOO Airzone WIFI

Centralised control



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



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



AZAI6WSCGM1
(CO48080)



CCM180A/WS
(CL09300)



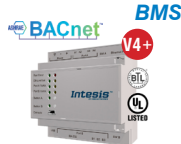
CCM30/BKE
(CL92871)



MD-AC-MBS
(CL99097)



MD-AC-KNX
(CL94792)



INBACMID
(CL99222)

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.) ⁽¹⁾	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 ⁽²⁾	W	0.021	0.025	0.036	0.060
Heating	Nominal capacity (min. ~ max.) ⁽¹⁾	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 ⁽²⁾	W	0.021	0.025	0.036	0.060
Air flow rate (Turbo / High / Medium / Low)		m³/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 (inches)	1/4"	1/4"	1/4"	3/8"
	Gas	mm (inches)	3/8"	3/8"	1/2"	5/8"
Dimensions (W x H x D)		mm	848 x 300 x 230	848 x 300 x 230	1017 x 319 x 242	1,190 x 371 x 280
Weight		kg	10.2	10.2	12.3	20

Note:

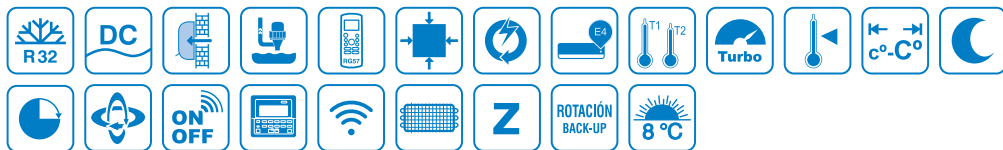
⁽¹⁾ The rated capacity may be different depending on the connected outdoor unit and the simultaneity for more information please check.

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

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

*** In the Multisplit system, the following indoor unit functions will not be available: Silence, Self-cleaning, Eco, Gear, Breeze away, Reverse rotation, 1W Standby, Emergency operation, Refrigerant leaks detection and Sprint start.



MUNDCLIMA®

MULTISPLIT - Cassette type indoor unit

MUCSR-H14-I Series



RG10N2(D2S)/BGEF
Included
(CL09111)

Individual flap control for
MORE COMFORT



External condensate pump
MAKES MAINTENANCE
EASY!



Protocol V4+

Models 09, 12 and 18

600 x 600

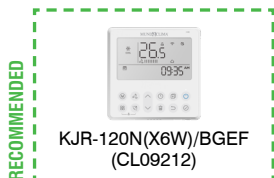
Model 24

900 x 900

OPTIONALS

More information on the options can be found in the "CONTROL SYSTEMS" section.

Wired control with WIFI



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



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



CCM180A/WS
(CL09300)



CCM30/BKE
(CL92871)



CCM-15(A)
(CL92872)

Centralised control

AIDOO Airzone WIFI



AZAI6WSCGM1
(CO48080)



MD-AC-MBS
(CL99097)



MD-AC-KNX
(CL94792)



INBACMID
(CL99222)

BMS

Wireless control



RG10A1(F2S)BGEF
(CL97807)

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.) ⁽¹⁾	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 ⁽²⁾	kW	0.045	0.045	0.045	0.064
Heating	Nominal capacity (min. ~ max.) ⁽¹⁾	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 ⁽²⁾	kW	0.045	0.045	0.045	0.064
Model	Body		MUCSR-09-H14-I	MUCSR-12-H14-I	MUCSR-18-H14-I	MUCSR-24-H14-I
	Panel		MUCSR-H14-P1	MUCSR-H14-P1	MUCSR-H14-P1	MUCSR-H14-P2
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 (H / M / L)		m³/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 ⁽³⁾		mm	1,000	1,000	1,000	1,000
Fresh air intake ⁽⁴⁾		mm	Ø 75	Ø 75	Ø 75	Ø 75
Refrigeration pipes	Liquid	mm (inches)	1/4"	1/4"	1/4"	3/8"
	Gas	mm (inches)	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

Note:

⁽¹⁾ The rated capacity may be different depending on the connected outdoor unit 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.

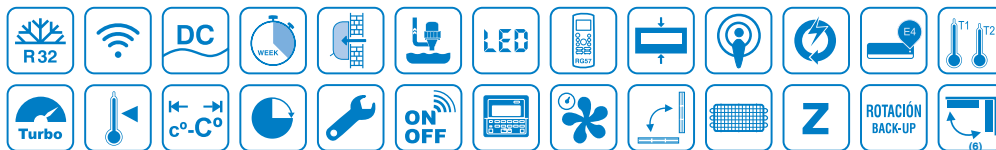
⁽³⁾ Elevation height of condensate water from the unit shaft if elbow is installed horizontally at 200 mm maximum.

⁽⁴⁾ Inner diameter.

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*** In the Multisplit system, the following indoor unit functions will not be available: Silence, Self-cleaning, Eco, Gear, Breeze away, Reverse rotation, 1W Standby, Emergency operation, Refrigerant leaks detection and Sprint start.



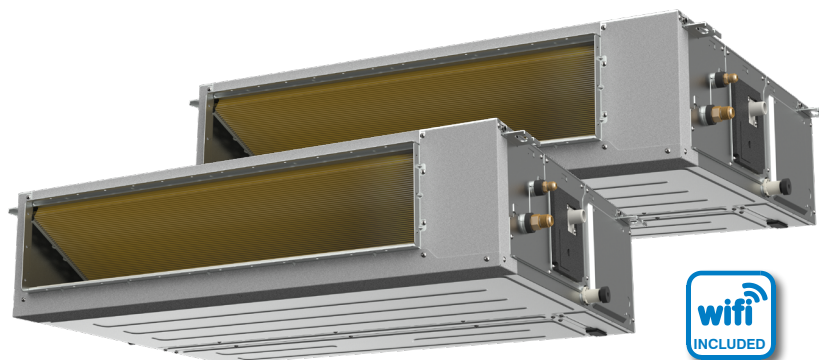
MUNDOCLIMA®

MULTISPLIT - Duct Type Indoor Unit

MUCR-H14-I series

Protocol V4+

**HORIZONTAL AND ... VERTICAL
INSTALLATION ⁽⁶⁾**



OPTIONALS

More information on the optionals in the "MUNDOCLIMA CONTROL SYSTEMS" section.

**Wireless
control**



RG10A1(F2S)BGEF
(CL97807)

Wired control with WIFI



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

AIDOO Airzone WIFI



AZAI6WSCGM1
(CO48080)



AZX6QADAPT3GM1
(CO48060)



MUNDOBOX
(RM90386)

Zoning



MD-AC-MBS
(CL99097)



MD-AC-KNX
(CL94792)



INBACMID
(CL99222)

BMS



CCM180A/WS
(CL09300)



CCM30/BKE
(CL92871)



CCM-15(A)
(CL92872)

**Centralised
control**

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.) ⁽¹⁾	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 ⁽²⁾	kW	0.80	0.80	0.80	1.65
Heating	Nominal capacity (min. ~ max.) ⁽¹⁾	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 ⁽²⁾	kW	0.80	0.80	0.80	1.65
Air flow rate (H / M / L)		m³/h	620 / 540 / 450	660 / 570 / 470	900 / 780 / 650	1,200 / 1,000 / 700
Static pressure	Nominal	Pa	25	25	25	25
	Configurable	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 ⁽³⁾		mm	1,000	1,000	1,000	1,000
Fresh air intake ⁽⁴⁾		mm	Ø 92	Ø 92	Ø 100	Ø 100
Refrigeration pipes	Liquid	mm (inches)	1/4"	1/4"	1/4"	3/8"
	Gas	mm (inches)	3/8"	3/8"	1/2"	5/8"
Dimensions (Width x Height x Depth)		mm	700 x 200 x 506 ⁽⁵⁾	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

Note:

⁽¹⁾ The rated capacity may be different depending on the connected outdoor unit 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⁾ Elevation height of condensate water from the unit shaft if elbow is installed horizontally at 200 mm maximum.

⁽⁴⁾ Inner diameter.

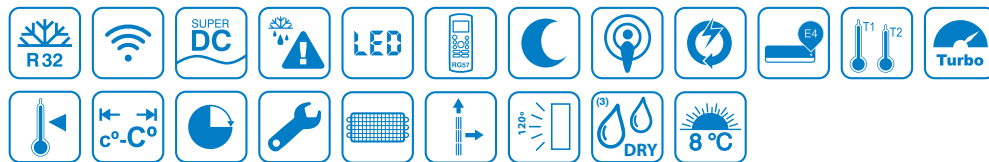
⁽⁵⁾ Dimensions do not include external condensate pump, refer to installation manual.

⁽⁶⁾ Except for models 09 and 12 where only horizontal installation is possible.

***Design and specifications are subject to change for product improvement without prior notice.**

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

***** In the Multisplit system, the following indoor unit functions will not be available: Silence, Self-cleaning, Eco, Gear, Reverse rotation, Emergency operation and Refrigerant leaks detection.**



MUNDCLIMA®



MULTISPLIT - Console Type Indoor Unit

MUCNR-H14-I series



Modern and stylish design
Only 206 mm deep.



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



RG10A(F2S)/BGEF
Included
(CL09100)



Protocol V4+

OPTIONALS

More information on optionals in "CONTROL SYSTEMS"

Wireless control



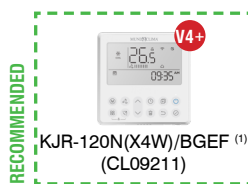
RG10L5(G2HS)/BGEF
(CL09110)

Wired control ⁽²⁾



KJR-29B1/BK-E
(CL92869)

Wired control with WI-FI ⁽¹⁾



RECOMMENDED

KJR-120N(X4W)/BGEF ⁽¹⁾
(CL09211)



KJR-120P(X6W)/EF ⁽¹⁾
(CL09214)

WIFI AIDOO Airzone ⁽¹⁾



AZAI6WSCGM1 ⁽¹⁾
(CO48080)

WIFI



EU-OSK-105
(CL09001)

Centralized control ⁽¹⁾



CCM180A/WS ⁽¹⁾
(CL09300)



CCM30/BKE ⁽¹⁾
(CL92871)



MD-AC-MBS ⁽¹⁾
(CL99097)



MD-AC-KNX ⁽¹⁾
(CL94792)



INBACMID ⁽¹⁾
(CL99222)

BMS ⁽¹⁾

Accessories



Multifunction Module
(CL09403)

⁽¹⁾ The multifunction module (CL09400) is required, and if the KJR-120 wired controllers is used then add the connection cable (CL09408).

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

⁽³⁾ RG10L5 wireless remote control (CL09110) is required.

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.) ⁽⁴⁾	kW	2.64 (0.36 ~ 3.81)	3.52 (0.76 ~ 4.25)	4.98 (2.64 ~ 5.57)
	Nominal rating ⁽⁵⁾	kW	0.042	0.042	0.052
Heating	Nominal capacity (min. ~ max.) ⁽⁴⁾	kW	2.93 (0.44 ~ 3.96)	3.81 (0.45 ~ 4.69)	5.28 (2.20 ~ 6.30)
	Nominal rating ⁽⁵⁾	kW	0.042	0.042	0.052
Air flow rate (H / M / L)		m³/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 (inches)	1/4"	1/4"	1/4"
	Gas	mm (inches)	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

Note:

⁽⁴⁾ The rated capacity may be different depending on the connected outdoor unit and the simultaneity for more information please check.

⁽⁵⁾ 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.

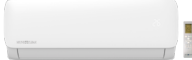
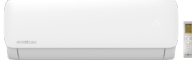
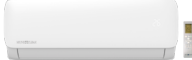
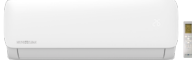















** The sound level values correspond to values obtained in an anechoic chamber.

*** See table of combinations.

*** In the Multisplit system, the following indoor unit functions will not be available: Silence, Self-cleaning, Eco, Gear, Reverse rotation, Emergency operation and Refrigerant leaks detection.

Multisplit selection

1st STEP: 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	24
Capacity	2.6 kW	3.5 kW	5.2 kW	7.0 kW
WALL SPLIT	 MUPR-09-H11-I UI20055	 MUPR-12-H11-I UI20056	 MUPR-18-H11-I UI20057	 MUPR-24-H11-I UI20058
	 MUPR-09-H14X-I UI20060	 MUPR-12-H14X-I UI20061	 MUPR-18-H14X-I UI20062	 MUPR-24-H14X-I UI20063
CASSETTE	 MUCSR-09-H14-I CL21413	 MUCSR-12-H14-I CL21414	 MUCSR-18-H14-I CL21415	 MUCSR-24-H14-I CL21416
DUCT	 MUCR-09-H14-I UI21560	 MUCR-12-H14-I UI21561	 MUCR-18-H14-I UI21562	 MUCR-24-H14-I UI21563
FAN COIL UNIT	 MUCNR-09-H14-I UI21570	 MUCNR-12-H14-I UI21571	 MUCNR-18-H14-I UI21572	—



2nd STEP: Select the outdoor unit that best suits to the chosen combination of indoor units.

	2 x 1		3 x 1			4 x 1			5 x 1
	MUEX-14-H11.2	MUEX-18-H11.2	MUEX-18-H11.3	MUEX-21-H11.3	MUEX-27-H11.3	MUEX-24-H11.4	MUEX-28-H11.4	MUEX-36-H11.4	MUEX-42-H11.5
	CL21400	CL21401	CL21402	CL21403	CL21404	CL21409	CL21405	CL21406	CL21407
1 PC.	9 12	12 18	12 18	12 18 24	18 24	18 24			
2 PCS.	9 + 9 9 + 12	9 + 9 9 + 12 9 + 18 12 + 12 12 + 18	9 + 9 9 + 12 9 + 18 12 + 12 12 + 18	9 + 9 9 + 12 9 + 18 12 + 12 12 + 18	9 + 9 9 + 12 9 + 18 12 + 12 12 + 18	9 + 9 9 + 12 9 + 18 12 + 12 12 + 18	9 + 9 9 + 12 9 + 18 9 + 24 12 + 12 12 + 18 12 + 24	9 + 9 9 + 12 9 + 18 9 + 24 12 + 12 12 + 18 12 + 24	9 + 9 9 + 12 9 + 18 9 + 24 12 + 12 12 + 18 12 + 24
3 PCS.			9 + 9 + 9	9 + 9 + 9	9 + 9 + 9 9 + 9 + 18 9 + 9 + 12 9 + 12 + 12 12 + 12 + 12	9 + 9 + 9 9 + 9 + 12 9 + 9 + 18 9 + 12 + 12 12 + 12 + 12	9 + 9 + 9 9 + 9 + 12 9 + 9 + 18 9 + 12 + 12 9 + 12 + 18 12 + 12 + 12 12 + 12 + 18	9 + 9 + 9 9 + 9 + 12 9 + 9 + 18 9 + 9 + 24 9 + 12 + 12 9 + 12 + 18 9 + 12 + 24 12 + 12 + 12 12 + 12 + 18 12 + 12 + 24	9 + 9 + 9 9 + 9 + 12 9 + 9 + 18 9 + 9 + 24 9 + 12 + 12 9 + 12 + 18 9 + 12 + 24 12 + 12 + 12 12 + 12 + 18 12 + 12 + 24
4 PCS.						9 + 9 + 9 + 9	9 + 9 + 9 + 9 9 + 9 + 9 + 12 9 + 9 + 9 + 18 9 + 9 + 12 + 12 9 + 9 + 12 + 18	9 + 9 + 9 + 9 9 + 9 + 9 + 12 9 + 9 + 9 + 18 9 + 9 + 12 + 12 9 + 9 + 12 + 18 9 + 9 + 12 + 12 12 + 12 + 12 + 12	9 + 9 + 9 + 9 9 + 9 + 9 + 12 9 + 9 + 9 + 18 9 + 9 + 9 + 24 9 + 9 + 12 + 12 9 + 9 + 12 + 18 9 + 9 + 12 + 24 9 + 12 + 12 + 12 9 + 12 + 12 + 18 9 + 12 + 12 + 24 12 + 12 + 12 + 12 12 + 12 + 12 + 18 12 + 12 + 12 + 24
5 PCS.									9 + 9 + 9 + 9 + 9 9 + 9 + 9 + 9 + 12 9 + 9 + 9 + 9 + 18 9 + 9 + 9 + 9 + 24 9 + 9 + 9 + 12 + 12 9 + 9 + 9 + 12 + 18 9 + 9 + 9 + 12 + 24 9 + 9 + 12 + 12 + 12 9 + 9 + 12 + 12 + 18 9 + 9 + 12 + 12 + 24 9 + 12 + 12 + 12 + 12 9 + 12 + 12 + 12 + 18 9 + 12 + 12 + 12 + 24 12 + 12 + 12 + 12 + 12 12 + 12 + 12 + 12 + 18 12 + 12 + 12 + 12 + 24

Note: ⁽¹⁾ This combination is NOT possible when any MUCNR-H14-I console type indoor unit is connected.

CAPACITY TABLE ACCORDING TO COMBINATION

To consult the capacity table according to combination, access the following QR code:



Features Description

Comfort



WEEKLY TIMER
Sets the weekly operation of the unit.



FOLLOW ME FUNCTION (IFEEL)
The remote control incorporates an ambient temperature sensor.



AUTOMATIC RESTART
Recovery of the parameters before the electrical cut.



EMERGENCY OPERATION
Possibility of manually operating the unit with the button in case of any alarms sounding.



COLD AIR PRECAUTION
When heating, the initial fan speed is adjusted according to the battery temperature.



TURBO OPERATION
Maximum reduction of the cooling/heating time.



LOW SOUND LEVEL
Thanks to the Silence mode and its new design, the sound level is reduced to the minimum.



TEMPERATURE COMPENSATION
The remote control allows you to adjust the compensation temperature for the heating and cooling mode.



FRESH AIR (ION)
The equipment incorporates an ionizer to generate OH(-) and thus purify the air by deactivating bacteria, viruses and other contaminants in the environment, providing a very pleasant feeling of freshness.



BREEZE AWAY
Function that allows the air flow to be diverted to another place to prevent the equipment from blowing directly on people.



QUIETER OUTDOOR UNIT
Optimized design of air outlet grille with noise reduction of 3.3 dB(A) compared to previous models.



WIDE WORKING RANGE
Cooling operation until 50 °C and -15 °C in heating.



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



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



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



HORIZONTAL AND VERTICAL FLAP ROTATION
Better air distribution thanks to the flap's horizontal and vertical automatic swing.



GEAR
Allows to set the equipment capacity to 50 %, 75 % or 100 % (default).



COLD CATALYST FILTER
The equipment features a purifying filter that can absorb formaldehyde without needing ultra-violet light.



SPRINT START
Like a sprinter, this function allows the compressor to reach 65 Hz in just 6 s.



HUMIDITY CONTROL
In dehumidification mode, the relative humidity control can be set between 35 % and 85 %.



VENTILATION FUNCTION
Allows operation with only ventilation.



THERMOSTAT
It automatically maintains the set temperature.



DEHUMIDIFICATION
Humidity reduction helps restore an optimum temperature in wet areas.



MULTI-SPEED INDOOR FAN
The fan has up to 12 different speeds that are automatically adjusted if the automatic ventilation is activated.



SILENCE
This function allows you to select the ultra-quiet speed, so that the sound level of the equipment is very low.



CONTROL PANEL
A control panel is added to run the machine without any wireless remote control.



DUAL AIR FLOW
Top and bottom air outlet. In cooling mode only the upper outlet works, and in heating mode both outlets work, thus heating from ground level.



CORE GENIUS
The frequency of traditional Inverter equipment has a fluctuation of ± 1 °C of the ambient temperature during operation. However, with the new "CORE GENIUS" Inverter technology that adjusts 0.6 Hz for each step, the frequency variation of the Inverter is so smooth that the ± 0.5 °C fluctuation of the ambient temperature is not noticeable.



INDIVIDUAL FLAP CONTROL
Possibility to adjust the angle of the 4 flaps independently.



120°
The upper slat allows an adjustment at 120°.



BACKLIT WALL CONTROL
The new KJR-120N wired wall controller features a backlit screen for easy reading.



HEATING 8 °C
The unit automatically switches to heating mode when the ambient temperature is below 8 °C, thus preventing the room temperature from being too low when we are not at home.

Connectivity



WIFI
Possibility for the unit to be controlled via WIFI, through an APP.



CENTRALIZED CONTROLLER
Possibility of controlling several units with the same controller.



DOMOTICS
Possibility of connection with the main manufacturers of home automation systems (Consult).

Energy efficiency



ENERGY LABELLING FOR COOLING A+++



ENERGY LABELLING FOR HEATING A+++



ENERGY LABELLING FOR COOLING A++



ENERGY LABELLING FOR HEATING A++



ENERGY LABELLING FOR COOLING A+



ENERGY LABELLING FOR HEATING A+



ENERGY LABELLING FOR COOLING A



ENERGY LABELLING FOR HEATING A



STANDBY FUNCTION (ONLY 1W IN STANDBY)
The outdoor unit is automatically disconnected from the power supply when the unit is in standby, that way the consumption in standby mode is only 1W.



PRESENCE SENSOR
Detects inactivity (30 min) in the room to reduce the operating frequency and thus save energy.

Refrigerant



R410A
Equipment using refrigerant R410A with a GWP of 2088.



R32
Equipment using the most environmentally friendly refrigerant R32 with a GWP of 675. In order to install equipment with R32 refrigerant gas, you must review the current legislation.



R290
Equipment using the new refrigerant R290 which has a GWP of only 3.

Features Description



REMOVABLE FILTERS

New filter fastening system with tabs to ensure correct fastening without vibrations.



OUTSIDE AIR INLET

Possibility of supplying outdoor air directly on the indoor unit.



DRAINAGE PUMP

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



REMINDER OF FILTER'S CLEANING

The equipment tells us when to clean and/or replace the air filter of the indoor unit.



PIPE COMPATIBILITY

Possibility of increasing one size over the standard diameter in the gas or liquid pipe or both.



DIGITAL LED DISPLAY

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



LESS SCREWS

Both the indoor unit and the outdoor unit have less screws, to make the disassembly easier.



REFRIGERANT LEAK DETECTION

The unit automatically detects the existence of possible leaks of refrigerant in the circuit.



SELF-CLEANING

This function performs a self cleaning on the indoor unit. When the "SELF-CLEANING" function is activated (SelfClean or iClean buttons), the unit initially operates in cooling mode with the fan at low speed, during this period the condensation water drags the dust from the battery. The unit then switches to heating mode with the fan at low speed, to dry the battery and the inside of the unit. Finally the unit changes to ventilation mode to finish drying completely.



ULTRA-REINFORCED MOUNTING PLATE

Reinforced mounting plate with measuring range and spirit level included.



POWER SUPPLY ONLY TO OUTDOOR UNIT

The indoor unit is powered by the same interconnection cable with the outdoor unit.



SINGLE-FAN OUTDOOR UNITS

Optimize outdoor space thanks to outdoor units with lower height.



HIGH STATIC PRESSURE

Wide static pressure range.



SET TEMPERATURES RANGE ADJUSTMENT

The remote control is able to adjust: minimum cooling from 16 °C up to 24 °C; maximum heating from 30 °C down to 25 °C.



LEG IN U FORM

Thanks to the new back leg in the outdoor unit, the installation is easier.



LOW VOLTAGE START

The equipment can start up and operate normally up to a supply voltage lower than the nominal voltage.



PROBLEM SOLVING

Error codes are displayed on the indoor panel, on the wall control or on the outdoor PCB.



REMOTE SIGNALS (CP)

The indoor unit has an ON/OFF input.



CONFIGURABLE STATIC PRESSURE

From the PCB (or any model with the wireless or wired remote control) the static pressure of the fan can be adjusted, so that the machine can be adapted to each installation.



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.



TWIN FUNCTION (2x1)

Two indoor units can be connected to the same outdoor unit. Both indoor units will function identically as if they were one single unit. It is perfect for open rooms.



REVERSE ROTATION

When the unit is stopped, the outdoor unit fan rotates backwards to remove leaves or other external elements from the coil.



ROTATION & BACK UP

This function allows redundant operation in installations with 2 units connected to the same KJR-120N wired controller, in the event that one machine does not reach the set 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.



AUTO ROUTING

The outdoor unit can assign addresses to the indoor units automatically.



ENGINEERING MODE

Function adjustment and operating parameters query using the control.



EXTRA FLAT DUCT

Indoor unit height between 200 and 300 mm.



DELIVERY OUTLET TO ADJACENT ROOM

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



AIR DISCHARGE TUBE TO THE OUTSIDE

Easy and quick to install, it allows the use of the air conditioner immediately.



CONDENSATE REMOVAL

Removes condensate water so it is not necessary to connect the air conditioner to a drain. In dehumidification mode and in very humid environments, it is recommended to connect the equipment to a drain.



PANEL OF COMPACT SIZE

The grid panel of the cassette type unit measures 600x600 mm.



GOLDEN FIN

Heat exchanger with special treatment, which protects the equipment against atmospheric phenomena and the effects of aggressive environments. It also prevents the proliferation of bacteria and mold.



BLUE FIN

Heat exchanger with treatment that protects the equipment against corrosion and the growth of bacteria and mold.



AUTOMATIC REFRIGERANT REFILL

Allows the system to be refilled with refrigerant gas without having to do any additional calculation.



HORIZONTAL / VERTICAL

Equipment that can be installed in both horizontal and vertical position.



META FUNCTION

Advanced air conditioning technology that optimizes temperature, refrigerant and air flow to save energy and maximize the comfort.

Technology



SUPER DC

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



COOLING AT LOW TEMPERATURES

Cooling operation down to -15 °C outside.



HEATING AT LOW TEMPERATURES

Heating operation down to -25 °C outside.



CONSTANT AIR FLOW CONTROL

The indoor fan adjusts to the required static pressure to ensure a constant air supply at all times.



DC

Unit with DC fan motor, low noise and low-energy consumption.



EVI COMPRESSOR

High efficiency asymmetric scroll compressor with steam injection technology.



0-10V INPUT

Unit with DC fan motor with 0-10V regulation.



0-10V OUTPUT

Equipment with 0-10V output for the control of an auxiliary valve.



7 SPEED FAN

Unit with DC fan motor with 7 speeds.



EXTERNAL FAN DIFFERENT SPEEDS

Accurate adjustment of fan speed thanks to the DC motor.



EXV

Equipment with an electronic expansion valve that adjusts the capacity of the equipment in a more stable way.