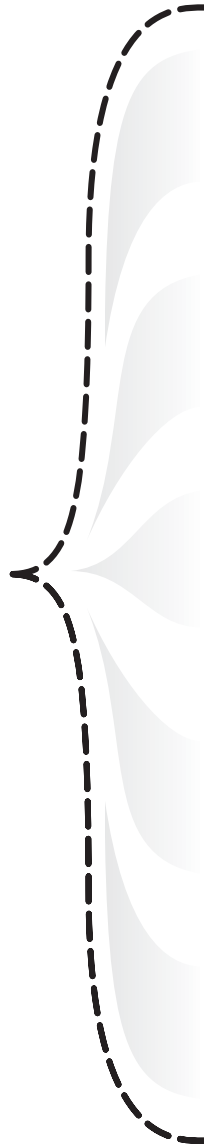


MULTISPLIT INVERTER H6 Outdoor Unit **MUEX-H6 Series** 2x1, 3x1, 4x1 and 5x1



Different speeds of the external fan
 Accurate adjustment of fan speed thanks to DC fan.



Without screws
 Not only the indoor unit but also the outdoor unit have less screws, so the disassembly is going to be easier.



Cooling in low temperatures
 Operation in cooling up to -15 °C outdoor temp.



More silent outdoor unit
 Design optimized of the air exit grill with decrease of the noise up to 3.3 dB (A) in comparison with previous models.



Wide working temperature range
 Cooling operation until 50 °C and in heating up to -15 °C.



126 Possible combinations
 Choose the indoor unit that best suits your needs.

MULTISPLIT INVERTER H6



OUTDOOR UNIT SPECIFICATIONS

Model			MUEX-14-H6.2	MUEX-18-H6.2	MUEX-21-H6.3	MUEX-27-H6.3	
Code			CL 20 440	CL 20 441	CL 20 442	CL 20 443	
Cooling	Nominal capacity (min. - max.)	kW	4.10 (1.76 - 4.54)	5.20 (2.08 - 6.29)	6.30 (2.44-7.32)	7.90 (2.77 - 8.69)	
	Nominal consumption (min. - max.)	kW	1.24 (0.42 - 1.43)	1.75 (0.59 - 2.16)	1.94 (0.68 - 2.38)	2.46 (0.76 - 2.93)	
	Pdesignc	kW	4.10	5.20	6.10	7.90	
	SEER	W/W	6.80	6.30	6.40	6.60	
	Energy labeling		A++	A++	A++	A++	
Heating	Nominal capacity (min. - max.)	kW	4.40 (1.89 - 4.87)	5.50 (2.2 - 6.66)	6.70 (2.64 - 7.92)	8.20 (2.87 - 9.02)	
	Nominal consumption (min. - max.)	kW	1.16 (0.39 - 1.33)	1.50 (0.5 - 1.85)	1.81 (0.64 - 2.22)	2.27 (0.70 - 2.70)	
	Pdesignh	kW	3.40	4.70	5.70	5.90	
	SCOP	W/W	4.00	4.00	4.00	4.00	
	Energy labeling		A+	A+	A+	A+	
	Tbiv	°C	-7	-7	-7	-7	
Tol		°C	-15	-15	-15	-15	
Power supply		V-Hz-Ph	230 / 50 / 1Ph	230 / 50 / 1Ph	230 / 50 / 1Ph	230 / 50 / 1Ph	
Max. consumption		kW	2.0	2.3	2.8	3.3	
Max. current		A	11	12	15	16	
Outdoor Unit	Air flow rate (max.)	m³/h	2,100	2,100	2,800	3,300	
	Sound pressure (High)	dB(A)	54	56.5	57.5	59.5	
	Sound power (High)	dB(A)	60	65	65	68	
	Dimensions (W x H x D)	mm	800 x 554 x 333	800 x 554 x 333	845 x 702 x 363	845 x 702 x 363	
	Weight	kg	30.5	36	47	52.7	
Refrigerant	Type		R410A	R410A	R410A	R410A	
	Load	kg	1.25	1.7	2.1	2.1	
	Preload until (total pipes 1/4")	m	15	15	22.5	22.5	
	Additional load (pipes 1/4")	g/m	15	15	15	15	
Connection pipes	Liquid	inch.	(1/4") x 2"	(1/4") x 2"	(1/4") x 3"	(1/4") x 3"	
	Gas	inch.	(3/8") x 2"	(3/8") x 2"	(3/8") x 3"	(3/8") x 3"	
	Max. Length	m	30	30	45	45	
	Length for indoor unit	m	25	25	30	30	
	Max. Drop Height	Outdoor ut. up	m	15	15	15	15
		Outdoor ut. down	m	15	15	15	15
Height difference between indoor units		m	10	10	10	10	
Electrical wiring	Supply (outdoor unit only)	mm²	2 x 2.5 + T	2 x 2.5 + T	2 x 4 + T	2 x 4 + T	
	Interconnection per unit Interior	mm²	3 x 1.5 + T	3 x 1.5 + T	3 x 1.5 + T	3 x 1.5 + T	
Operation temp.	Indoor (Cool. / Heat.)	°C	17~32 / 0~30	17~32 / 0~30	17~32 / 0~30	17~32 / 0~30	
	Outdoor (Cool. / Heat.)	°C	-15~50 / -15~24	-15~50 / -15~24	-15~50 / -15~24	-15~50 / -15~24	

Warning: 1. Data and specifications are subject to changes without previous notice.

2. The values of noise level match with values obtained in the semi-anechoic chamber.

3. The capacity, consumption and SEER / SCOP values indicated are for MUPR-09-H6M indoor units (just as much outputs has the outdoor unit), for other combinations see the combinations table (www.mundoclima.com).

MULTISPLIT INVERTER H6



OUTDOOR UNIT SPECIFICATIONS

Model			MUEX-28-H6.4	MUEX-36-H6.4	MUEX-42-H6.5	
Code			CL 20 444	CL 20 445	CL 20 446	
Cooling	Nominal capacity (min. - max.)	kW	8.21 (3.04 - 9.93)	10.60 (3.71-13.78)	12.30 (4.18-14.00)	
	Nominal consumption (min. - max.)	kW	2.31 (0.77 - 3.13)	3.89 (1.06 - 4.32)	3.82 (1.03 - 4.66)	
	Pdesignc	kW	8.20	10.60	12.30	
	SEER	W/W	6.80	7.60	7.70	
	Energy labeling		A++	A++	A++	
Heating	Nominal capacity (min. - max.)	kW	8.90 (3.26-10.65)	11,10(3,89-13,32)	12,30(4,18-14,94)	
	Nominal consumption (min. - max.)	kW	3.47 (0.83 - 3.05)	3.00 (0.81 - 3.89)	3.37 (0.91 - 4.21)	
	Pdesignh	kW	7.00	9.30	9.60	
	SCOP	W/W	4.00	3.80	3.80	
	Energy labeling		A+	A	A	
	Tbiv	°C	-7	-7	-7	
Tol		°C	-15	-15	-15	
Power supply		V-Hz-Ph	230 / 50 / 1Ph	230 / 50 / 1Ph	230 / 50 / 1Ph	
Max. consumption		kW	3.5	4.6	4.7	
Max. current		A	17	21.5	22	
Outdoor Unit	Air flow rate (max.)	m³/h	3,500	5,500	5,500	
	Sound pressure (High)	dB(A)	60	63.5	62	
	Sound power (High)	dB(A)	66	68	68	
	Dimensions (W x H x D)	mm	946 x 810 x 410	946 x 810 x 410	946 x 810 x 410	
	Weight	kg	67.6	70	76	
Refrigerant	Type		R410A	R410A	R410A	
	Load	kg	2.4	3.0	3.6	
	Preload until (total pipes 1/4")	m	30	30	37.5	
	Additional load (pipes 1/4")	g/m	15	15	15	
Connection pipes	Liquid	inch.	(1/4")x3+(1/4")x1	(1/4")x3+(1/4")x1	(1/4")x4+(1/4")x1	
	Gas	inch.	(3/8")x3+(1/2")x1	(3/8")x3+(1/2")x1	(3/8")x4+(1/2")x1	
	Max. Length	m	60	60	75	
	Length for indoor unit	m	35	35	35	
	Max. Drop Height	Outdoor ut. up	m	15	15	15
		Outdoor ut. down	m	15	15	15
Height difference between indoor units		m	10	10	10	
Electrical wiring	Supply (outdoor unit only)	mm²	2 x 4 + T	2 x 4 + T	2 x 4 + T	
	Interconnection per unit Interior	mm²	3 x 1.5 + T	3 x 1.5 + T	3 x 1.5 + T	
Operation temp.	Indoor (Cool. / Heat.)	°C	17~32 / 0~30	17~32 / 0~30	17~32 / 0~30	
	Outdoor (Cool. / Heat.)	°C	-15~-50 / -15~-24	-15~-50 / -15~-24	-15~-50 / -15~-24	

Warning: 1. Data and specifications are subject to changes without previous notice.

2. The values of noise level match with values obtained in the semi-anechoic chamber.

3. The capacity, consumption and SEER / SCOP values indicated are for MUPR-09-H6M indoor units (just as much outputs has the outdoor unit), for other combinations see the combinations table (www.mundoclima.com).

MULTISPLIT INVERTER H6 Wall Type MUPR-H6M Series

Save
time
for installation



EASILY DISMANTELED

Easy access to PCB, detachable fan, movable housing.
Save 30 % of servicing time.



MORE SPACE FOR INSTALLATION

New bracket, fastener feet, simpler electrical connection.
Save 20% of installation time.



MORE ACCESSIBLE FILTERS

Without the need to open the panel, it avoids the dirt to fall down.
Save 5% of cleaning time.



WIDE RANGE OF CONNECTIVITY

Possibility of connecting different control devices, among them also a Wifi module.
Check your new Mundoclima air conditioner from anywhere you are.



Feeling function

The wireless remote control incorporates a temperature sensor.



Cold air protection

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



Automatic restart

Recovery of the adjustments before the electrical cut.



Turbo operation

Maximum cooling/heating time reduction.



Emergency operation

Possibility of unit operation with the manual button in case of activation of some alarms.



Temperature compensation

The new remote control allows adjusting compensation temperature for the heating mode.

OPTIONALS

Description	Code
WIFI MODULE	CL94382
Wired wall control (KJR-12B)	CL94848
Multi-function module adds: - ON / OFF remote signal - Alarm remote signal - Connection of wired control with week programmer (KJR-120C) - Connection of centralized controller (CCM)	CL94383
Wired control week programmer (KJR-120C)*	CL94384
Centralized controller*	CCM15 CCM30/BKE-B
	CL92872 CL92871

*For connection it is necessary the Multi-function Module (CL 94 383).

Model			MUPR-09-H6M	MUPR-12-H6M	MUPR-18-H6M	MUPR-24-H6M
Code			CL 20 450	CL 20 451	CL 20 452	CL 20 453
Cooling	Nominal capacity (min. ~ max.)	kW	2.63 (1.17 ~ 3.31)	3.51 (1.26 ~ 4.45)	5.27 (1.90 ~ 6.12)	7.03 (2.66 ~ 7.88)
	Nominal rating	W	24	24	34	62
Heating	Nominal capacity (min. ~ max.)	kW	2.93 (0.82 ~ 3.72)	3.81 (1.06 ~ 4.86)	5.56 (1.42 ~ 6.74)	7.62 (2.08 ~ 9.14)
	Nominal rating	W	24	24	34	62
Air flow rate (High / Medium / Low)		m³/h	472 / 360 / 254	562 / 497 / 224	870 / 730 / 500	1176 / 921 / 446
Sound pressure (High / Medium / Low)		dB(A)	41 / 34 / 29	41 / 40 / 33	45 / 43 / 34	47 / 45 / 35
Sound power (High)		dB(A)	53	52	58	60
Remote control			RG57	RG57	RG57	RG57
Connection pipes	Liquid	mm (inches)	Ø6.35 (1/4")	Ø6.35 (1/4")	Ø6.35 (1/4")	Ø9.52 (3/8")
	Gas	mm (inches)	Ø9.52 (3/8")	Ø9.52 (3/8")	Ø12.7 (1/2")	Ø15.9 (5/8")
Dimensions (W x H x D)		mm	717 x 302 x 193	805 x 302 x 193	964 x 325 x 222	1106 x 342 x 232
Weight		kg	7.5	7.7	10.1	13.2

Warning: 1. Data and specifications are subject to changes without previous notice.

2. The values of noise level match with values obtained in the semi-anechoic chamber.

3. The capacity values will vary depending on the selected outdoor unit.

MULTISPLIT INVERTER H6 Cassette Type MUCSR-H6M Series

- Design 360°
- Compact size (60x60).
- Condensate removal pump.
- Fresh air intake function.
- Ducted outlet for exhaust air in adjacent room.
- Low noise and low-energy consumption DC fan motor.
- Remote ON/OFF signal and alarm.
- Parameters setting using remote control RG57.
- Wireless remote control RG57 included.
- Wall-mounted remote control with week schedule and "Follow me" function (optional).
- Centralized controller CCM (optional).



RG57



KJR-120G (Optional)⁽¹⁾
(code CL 94 907)



KJR-120C (Optional)⁽²⁾
(code CL 94 384)



Automatic restart

Recovery of the adjustments before the electrical cut.



Temperature compensation

The new remote control allows adjusting compensation temperature for the heating mode.



Night mode

This function automatically increases or drops indoor temperature by 1 °C per hour during the first 2 h, and then keeps constant temp. for the next 5 h before turning off. This function is energy-saving and provides night comfort.



Timer function

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



Problem solving

Error codes are showed in the indoor panel, wall control and outdoor PCB.



Design 360°

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



Remote signs (CP)

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



Cold air protection

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



Turbo operation

Maximum cooling/heating time reduction.



Centralized controller CCM

Possibility to control several units from only one control. It can directly control up to 64 units of different systems (Air conditioners Inverter H8, H6, H7, MVD and Fan coil units W7 series) (optional).

Model			MUCSR-12-H6M(V2)	MUCSR-18-H6M*
Code			CL 20 454	CL 20 455
Cooling	Rated capacity (min. ~ max.)	kW	3.52 (0.62 ~ 4.40)	4.92 (0.79 ~ 6.15)
	Nominal rating	W	40	102
Heating	Rated capacity (min. ~ max.)	kW	4.10 (0.62 ~ 5.13)	5.57 (0.88 ~ 7.03)
	Nominal rating	W	40	102
Air flow rate (High /Medium /Low)		m³/h	617 / 504 / 416	680 / 560 / 500
Sound pressure (High / Medium / Low)		dB(A)	43 / 39 / 35	44 / 42 / 41
Sound power (High)		dB(A)	57	56
Drain connection		mm	ø25	ø25
Drain pump height		mm	750	750
Fresh air intake		mm	ø65	ø65
Power supply		V-Hz-Ph	220-240V~ 50Hz, 1Ph	220-240V~ 50Hz, 1Ph
Remote control			RG57	RG57
Connection pipes	Liquid	mm (inch)	ø6.35 (1/4")	ø6.35 (1/4")
	Gas	mm (inch)	ø9.52 (3/8")	ø12.7 (1/2")
Dimensions	Unit body (Width x Height x Depth)	mm	570 x 260 x 570	570 x 260 x 570
	Panel (Width x Height x Depth)	mm	647 x 50 x 647	647 x 50 x 647
Weight	Unit	kg	16.2	16.1
	Panel	kg	2.5	2.5

Warning: 1. Data and specifications are subject to changes without previous notice.
2. The values of noise level match with values obtained in the semi-anechoic chamber.

*The version of the equipment should be referenced on the specification label or on the packaging of the purchased equipment.

Notas: ⁽¹⁾Wired control KJR-120G for MUCSR-H6M versions.

⁽²⁾Wired control KJR-120C for MUCSR-H6M(V2) versions.

MULTISPLIT INVERTER H6 Duct Type MUCR-H6M Series

- Low silhouette duct.
- Configurable rear (by default) or bottom air intake.
- Drain pump with easy access.
- Fresh air intake function.
- Low noise and low-energy consumption DC fan motor.
- Remote ON/OFF signal and alarm.
- Adjustment of static pressure (except MUCR-18-H6M (CL 20 457)) and other parameters using the wireless remote control RG57 (optional).
- Wall-mounted wired controller with weekly schedule and "Follow me" function.
- Wireless remote control RG57 (optional).
- Centralized controller CCM (optional).



- Automatic restart**
Recovery of the adjustments before the electrical cut.
- Temperature compensation**
The new remote control allows adjusting compensation temperature for the heating mode.
- Night mode**
This function automatically increases or drops indoor temperature by 1 °C per hour during the first 2 h, and then keeps constant temp. for the next 5 h before turning off. This function is energy-saving and provides night comfort.
- Configurable static pressure**
The static pressure of the fan can be adjusted using the wireless control RG57. In this way, the machine can be adapted to each installation (except CL 20 457).
- Timer function**
The timer can be set to start and stop at any point in a 24-hour period.
- Problem solving**
Error codes are showed in the indoor panel, wall control and outdoor PCB.

- 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.
- Remote signs (CP)**
The indoor unit has an ON/OFF input and an alarm output.
- Cold air protection**
In heating, the initial fan speed is adjusted in accordance with the coil temperature.
- Turbo operation**
Maximum cooling/heating time reduction.
- Follow Me Function**
The wall-mounted wire control adds a temperature sensor.
- Centralized controller CCM**
Possibility to control several units from only one control. It can directly control up to 64 units of different systems (Air conditioners Inverter H8, H6, H7, MVD and Fan coil units W7 series) (optional).

Model			MUCR-12-H6M	MUCR-18-H6M	MUCR-12-H6M(V2)	MUCR-18-H6M(V2)
Code			CL 20 456	CL 20 457	CL 20 458	CL 20 459
Cooling	Rated capacity (min. ~ max.)	kW	3.52 (0.62 ~ 4.40)	5.27 (1.90 ~ 6.12)	3.52 (0.62 ~ 4.40)	5.00 (2.00 ~ 5.50)
	Nominal rating	W	40	107	185	200
Heating	Rated capacity (min. ~ max.)	kW	3.81 (0.62 ~ 4.98)	5.86 (1.42 ~ 6.74)	3.81 (0.62 ~ 4.98)	5.40 (2.00 ~ 6.00)
	Nominal rating	W	40	107	185	200
Static pressure	Rated	Pa	25	25	25	25
	Configurable (1*)	Pa	0 ~ 45	0 ~ 60	(0 ~ 60)	(0 ~ 60)
Air flow rate (High / Medium / Low)		m³/h	680 / 580 / 450	816 / 546 / 424	600 / 480 / 300	790 / 650 / 480
Sound pressure (High / Medium / Low)		dB(A)	42 / 38 / 35	46 / 42 / 40	40 / 34.5 / 27.7	42 / 40 / 38
Sound power (High)		dB(A)	59	59	59	60
Drain connection		mm	ø25	ø25	ø25	ø25
Drain pump height		mm	750	750	750	750
Fresh air intake		mm	ø90	ø90	ø90	ø90
Power supply		V-Hz-Ph	220-240V ~ 50Hz, 1Ph			
Wired remote control			KJR-120G	KJR-120G	KJR-120C	KJR-120C
Connection pipes	Liquid	mm (inch)	ø6.35 (1/4")	ø6.35 (1/4")	ø6.35 (1/4")	ø6.35 (1/4")
	Gas	mm (inch)	ø9.52 (3/8")	ø12.7 (1/2")	ø9.52 (3/8")	ø12.7 (1/2")
Dimensions (W x H x D)		mm	700 x 210 x 635	920 x 210 x 635	700 x 200 x 450	880 x 210 x 674
Weight		kg	18.4	23	18	23





Warning: 1. Data and specifications are subject to changes without previous notice.
2. The values of noise level match with values obtained in the semi-anechoic chamber.

MULTISPLIT INVERTER H6

Selection Multisplit Inverter H6


STEP 1

Select the power that best suited to 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-H6M CL 20 450	MUPR-12-H6M CL 20 451	MUPR-18-H6M CL 20 452	MUPR-24-H6M CL 20 453
CASSETTE 	—	MUCSR-12-H6M CL 20 454	MUCSR-18-H6M CL 20 455	—
DUCT  	—	MUCR-12-H6M CL 20 456	MUCR-18-H6M CL 20 457	—
	—	MUCR-12-H6M(V2) CL 20 458	MUCR-18-H6M(V2) CL 20 459	—

STEP 2

Select the outdoor unit that best suits to the chosen combination of indoor units.

	2x1		3x1		4x1		5x1
	MUEX-14-H6.2	MUEX-18-H6.2	MUEX-21-H6.3	MUEX-27-H6.3	MUEX-28-H6.4	MUEX-36-H6.4	MUEX-42-H6.5
	CL 20 440	CL 20 441	CL 20 442	CL 20 443	CL 20 444	CL 20 445	CL 20 446
1 ROOM	9 12 18	9 12 18	9 12 18	9 12 18	9 12 18 24	9 12 18 24	9 12 18 24
2 ROOMS	9+9 9+12	9+9 9+12 9+18 12+12	9+9 9+12 9+18 12+12	9+9 9+12 9+18 12+12 12+18	9+9 9+12 9+18 9+24 12+12 12+18 12+24 18+18	9+9 9+12 9+18 9+24 12+12 12+18 12+24 18+18	9+9 9+12 9+18 9+24 12+12 12+18 12+24 18+18 18+24
3 ROOMS	—	—	9+9+9 9+9+12	9+9+9 9+9+12 9+9+18 9+12+12 9+12+18 12+12+12	9+9+9 9+9+12 9+9+18 9+12+12 9+12+18 12+12+12	9+9+9 9+9+12 9+9+18 9+9+24 9+12+12 9+12+18 9+12+24 9+18+18 12+12+12 12+12+18 12+12+24 12+18+18 12+18+24 18+18+18	9+9+9 9+9+12 9+9+18 9+9+24 9+12+12 9+12+18 9+12+24 9+18+18 12+12+12 12+12+18 12+12+24 12+18+18 12+18+24 18+18+18
4 ROOMS	—	—	—	—	9+9+9+9 9+9+9+12	9+9+9+9 9+9+9+12 9+9+9+18 9+9+12+12 9+9+12+18 9+12+12+12 9+12+12+18 9+12+12+18 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+9+18+18 9+12+12+12 9+12+12+18 9+12+12+18 9+12+12+24 9+12+18+18 12+12+12+12 12+12+12+18
5 ROOMS	—	—	—	—	—	—	9+9+9+9+9 9+9+9+9+12 9+9+9+9+18 9+9+9+12+12 9+9+9+12+18 9+9+9+12+24 9+9+9+18+18 9+12+12+12 9+12+12+18 9+12+12+18 9+12+12+24 9+12+18+18 12+12+12+12 12+12+12+18