

20 MULTISPLIT INVERTER H6 Series

Indoor unit MUPR-H6M



MUND**CLIMA®**
SUPER DC INVERTER



Save
installation time



EASILY DISMANTELED

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



MORE ACCESSIBLE FILTERS

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



MORE SPACE FOR INSTALLATION

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



WIDE RANGE OF CONNECTIVITY

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



Follow Me Function

The wireless remote control incorporates a temperature sensor.



Turbo operation

Maximum cooling/heating time reduction.



Automatic restart

Recovery of the adjustments before the electrical cut.



Cold air protection

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



Emergency operation

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



Temperature compensation

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

OPTIONALS

Description	Code	
WIFI MODULE	CL94382	
WIRED CONTROL (KJR-12B)	CL92905	
MULTI-FUNCTION MODULE, includes: - Remote signal ON / OFF - Alarme remote signal - Connection of wired control with week schedule (KJR-120C) - Connection of centralized controller (CCM)	CL94383	
WIRED CONTROL WEEK SCHEDULE (KJR-120C)*	CL94384	
CENTRALIZED CONTROLLER*	CCM03/E(M)	CL92911
	CCM30/BKE-B	CL92871

*For connection it is necessary the Multi-function Module.

UNIT SPECIFICATIONS

Model			MUPR-09-H6M	MUPR-12-H6M	MUPR-18-H6M	MUPR-24-H6M
Code			CL20450	CL20451	CL20452	CL20453
Cooling	Rated 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)
	Rated consumption	W	24	24	34	62
Heating	Rated 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)
	Rated consumption	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)	40 / 35 / 28	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 (inch)	Ø6,35 (1/4")	Ø6,35 (1/4")	Ø6,35 (1/4")	Ø9,52 (3/8")
	Gas	mm (inch)	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	7,0	7,7	10,1	13,2

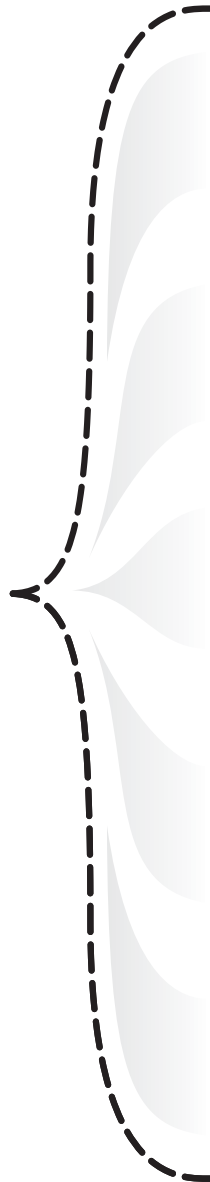
Note:

1. Data and specifications are subject to changes without prior notice.
2. The values of noise level match with values obtained in the anechoic chamber.
3. Capacity values will differ according to the outdoor unit selected .

MULTISPLIT INVERTER H6 Series



Outdoor Unit MUEX-H6
2x1, 3x1, 4x1 and 5x1



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



More silent outdoor unit
Optimized design of the air exit grill with decrease of the noise up to 3.3 dB (A) compared to previous models.



Less screws
Not only the indoor unit but also the outdoor unit have less screws, so the disassembly is going to be easier.



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



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



126 possible combinations
Choose the indoor unit which best suits your needs.

MULTISPLIT INVERTER H6 Series

OUTDOOR UNIT SPECIFICATIONS

Model			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
Code			CL20440	CL20441	CL20442	CL20443	CL20444	CL20445	CL20446
Cooling	Rated 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)	8,21 (3,04 - 9,93)	10,60(3,71-13,78)	12,30(4,18-14,00)
	Rated 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)	2,31 (0,77 - 3,13)	3,89 (1,06 - 4,32)	3,82 (1,03 - 4,66)
	Pdesignc	kW	4,10	5,20	6,10	7,90	8,20	10,60	12,30
	SEER	W/W	6,80	6,30	6,40	6,60	6,80	7,60	7,70
	Energy efficiency class		A++	A++	A++	A++	A++	A++	A++
Heating	Rated 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)	8,90 (3,26-10,65)	11,10(3,89-13,32)	12,30(4,18-14,94)
	Rated 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)	3,47 (0,83 - 3,05)	3,00 (0,81 - 3,89)	3,37 (0,91 - 4,21)
	Pdesignh	kW	3,40	4,70	5,70	5,90	7,00	9,30	9,60
	SCOP	W/W	4,00	4,00	4,00	4,00	4,00	3,80	3,80
	Energy efficiency class		A+	A+	A+	A+	A+	A	A
	Tbiv	°C	-7	-7	-7	-7	-7	-7	-7
Tol	°C	-15	-15	-15	-15	-15	-15	-15	-15
Power supply	V-Hz-F	230 / 50 / 1F	230 / 50 / 1F	230 / 50 / 1F	230 / 50 / 1F	230 / 50 / 1F	230 / 50 / 1F	230 / 50 / 1F	230 / 50 / 1F
Max. consumption	kW	2,0	2,3	2,8	3,3	3,5	4,6	4,7	
Max. current	A	11	12	15	16	17	21,5	22	
Outdoor Unit	Air flow rate (max.)	m ³ /h	2.100	2.100	2.800	3.300	3.500	5.500	5.500
	Sound pressure (High)	dB(A)	54	56,5	57,5	59,5	60	63,5	62
	Sound power (High)	dB(A)	60	65	65	68	66	68	68
	Dimensions (W x D x R) mm		800 x 554x 333	800 x 554 x 333	845 x 702 x 363	845 x 702 x 363	946 x 810 x 410	946 x 810 x 410	946 x 810 x 410
	Weight	Kg	30,5	36	47	52,7	67,6	70	76
Refrigerant	Type		R410A	R410A	R410A	R410A	R410A	R410A	R410A
	Charge quantity	Kg	1,25	1,7	2,1	2,1	2,4	3,0	3,6
	Preloading until (lines total)	m	15	15	22,5	22,5	30	30	37,5
	Additional charge	g/m	15	15	15	15	15	15	15
Connection Pipes	Liquid	mm(inch)	(1/4") x 2	(1/4") x 2	(1/4") x 3	(1/4") x 3	(1/4")x3+(1/4")x1	(1/4")x3+(1/4")x1	(1/4")x4+(1/4")x1
	Gas	mm(inch)	(3/8") x 2	(3/8") x 2	(3/8") x 3	(3/8") x 3	(3/8")x3+(1/2")x1	(3/8")x3+(1/2")x1	(3/8")x4+(1/2")x1
	Max. Length	m	30	30	45	45	60	60	75
Max. Length indoor unit	m	25	25	30	30	35	35	35	
Max.height difference	Out. unit upwards	m	15	15	15	15	15	15	15
	Out. unit downwards	m	15	15	15	15	15	15	15
Max.height difference	m	20	20	25	25	30	30	30	
Electrical wiring	Power supply (out. unit only)	mm ²	2 x 2,5 + T	2 x 2,5 + T	2 x 4 + T	2 x 4 + T	2 x 4 + T	2 x 4 + T	2 x 4 + T
	Communication with ind. unit	mm ²	3 x 1,5 + T	3 x 1,5 + T	3 x 1,5 + T	3 x 1,5 + T	3 x 1,5 + T	3 x 1,5 + T	3 x 1,5 + T
Operating temperature	Indoor (Cooling / Heating)	°C	17~32/ 0~30	17~32/ 0~30	17~32/ 0~30	17~32/ 0~30	17~32/ 0~30	17~32/ 0~30	17~32/ 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	-15~50 / -15~24	-15~50 / -15~24


- Note:
1. Data and specifications are subject to change without prior notice.
 2. The values of noise level match with values obtained in the anechoic chamber.
 3. The above capacity, consumption and SEER/SCOP values are based on the MUPR-09-H6M indoor unit (they all have the outdoor unit as outlet). For other combinations, check the combination table (www.mundoclima.com)

MULTISPLIT INVERTER H6 SERIES




Multisplit selection

Step 1: Select the power that best suits to each of the rooms to be air-conditioned. The following table shows the different types of splits and power so you can select the most suitable model.

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

Step 2: 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-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
	CL20440	CL20441	CL20442	CL20443	CL20444	CL20445	CL20446
1 ROOM	9 12 18	9 12 18	9 12 18	9 12 18	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 18+18	9+9 9+12 9+18 12+12 9+24 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
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 12+12+18	9+9+9 9+9+12 9+9+18 9+12+12 9+12+18 9+18+18 12+12+12 12+12+18 12+12+24 12+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
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 12+12+12+12 12+12+12+18	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+27 9+12+12+12 9+12+12+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+12+12+12 9+12+12+12+12 9+12+12+12+18 12+12+12+12+12