

## H9 MULTISPLIT INVERTER MUEX-H9 Series Indoor Unit 2x1, 3x1, 4x1 and 5x1



**NEW!**

**R32**



**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.



**Refrigerant 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.

## H9 MULTISPLIT INVERTER



### OUTDOOR UNIT SPECIFICATIONS

Model			MUEX-14-H9.2	MUEX-18-H9.2	MUEX-21-H9.3	MUEX-27-H9.3		
Code			CL 20 460	CL 20 461	CL 20 462	CL 20 463		
Cooling	Nominal capacity (min. - max.)		kW	4.10 (1.44 - 4.79)	5.28 (2.05 - 6.86)	6.15 (1.95 - 6.83)	7.91 (2.89 - 8.50)	
	Nominal consumption (min. - max.)		kW	1.27 (0.12 - 1.68)	1.63 (0.69 - 2.00)	1.90 (0.12 - 2.13)	2.45 (0.24 - 3.22)	
	Pdesignc (design load)		kW	4.10	5.30	6.10	7.90	
	SEER		W/W	6.80	6.10	6.50	6.10	
	Energy labeling			A++	A++	A++	A++	
	Seasonal energy efficiency for space cooling		ηs,c (%)	—	—	—	—	
	Annual electricity consumption		kWh/year	211	304	328	453	
Heating	Nominal capacity (min. - max.)		kW	4.40 (1.45 - 6.86)	5.57 (2.34 - 7.24)	6.59 (1.45 - 6.82)	8.21 (1.99 - 8.55)	
	Nominal consumption (min. - max.)		kW	1.77 (0.25 - 1.983)	1.50 (0.60 - 1.67)	1.77 (0.25 - 1.98)	2.20 (0.32 - 2.84)	
	Intermediate climate zone	Pdesignh		kW	3.70	4.30	5.40	5.70
		SCOP		W/W	4.00	4.00	4.00	4.00
		Energy efficiency class			A+	A+	A+	A+
		Seasonal energy efficiency for space heating		ηs,h(%)	—	—	—	—
		Annual electricity consumption		kWh/year	1295	1537	1890	1993
		Tbiv		°C	-7	-7	-7	-7
	Warm climate zone	Pdesignh		kW	3.7	5.1	5.5	6.0
		SCOP		W/W	5.1	5.1	5.2	5.1
		Energy efficiency class			A+++	A+++	A+++	A+++
		Annual electricity consumption		kWh/year	1016	1400	1491	1647
		Tbiv		°C	2	2	2	2
	Tol (Operation limited temperature)			°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	2.65	2.85	3.3	3.6	
Max. current			A	11.5	13	15.5	17.5	
Outdoor unit	Air flow rate (max.)		m³/h	2,200	2,200	3,000	2,700	
	Sound pressure (High)		dB(A)	57	56	57.5	54	
	Sound power (High)		dB(A)	64	65	66	67	
	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	31.6	35.5	46.8	51.1	
Refrigerant	Type / PCA			R32 / 675	R32 / 675	R32 / 675	R32 / 675	
	Load		kg / TCO <sub>2</sub> eq	1.1 / 0.743	1.25 / 0.844	1.4 / 0.945	1.72 / 1.161	
	Preload until	Total liquid lines 1/4"	m	15	15	22.5	22.5	
		Total liquid lines 3/8"	m	—	—	—	—	
	Additional charge	Liquid lines 1/4"	g/m	12	12	12	12	
Liquid lines 3/8"		g/m	—	—	—	—		
Connection 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 Interior		m	25	25	30	30	
	Max. Drop Height	Between outdoor and indoor unit	m	15	15	15	15	
		Difference Among Indoor units	m	10	10	10	10	
Electrical wiring	Power supply (outdoor unit only)		mm²	2 x 2.5 + T	2 x 2.5 + T	2 x 2.5 + T	2 x 2.5 + 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 (Cooling / Heating)		°C	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	

- Warning: 1. Data and specifications can be changed without previous notice.  
 2. The values of noise level match with the values obtained in the semi-anechoic chamber.  
 3. The capacity, consumption and SEER / SCOP values indicated are for MUPR-09-H9M indoor units (just as much outputs has the outdoor unit).

## H9 MULTISPLIT INVERTER

### OUTDOOR UNIT SPECIFICATIONS

Model			MUEX-28-H9.4	MUEX-36-H9.4	MUEX-42-H9.5		
Code			CL 20 464	CL 20 465	CL 20 466		
Cooling	Nominal capacity (min. - max.)		kW	8.21 (2.05 – 9.85)	10.55 (2.05 – 10.55)	12.31 (2.05 – 14.14)	
	Nominal consumption (min. - max.)		kW	2.50 (0.88 – 3.13)	3.51 (0.73 – 4.93)	4.10 (1.53 – 4.59)	
	Pdesignc (design load)		kW	8.20	10.50	12.30	
	SEER		W/W	7.00	6.50	6.60	
	Energy labeling			A++	A++	A++	
	Seasonal energy efficiency for space cooling		ηs,c(%)	—	—	229	
	Annual electricity consumption		kWh/year	410	565	652	
Heating	Nominal capacity (min. - max.)		kW	8.90 (3.26 – 10.65)	10.55 (2.34 – 11.14)	12.31 (2.34 – 14.77)	
	Nominal consumption (min. - max.)		kW	2.40 (0.84 – 3.00)	2.80 (0.78 – 3.97)	3.30 (1.12 – 4.15)	
	Intermediate climate zone	Pdesignh		kW	6.50	9.20	9.50
		SCOP		W/W	4.00	4.00	3.80
		Energy efficiency class			A+	A+	A
		Seasonal energy efficiency for space heating		ηs,h(%)	—	—	137
		Annual electricity consumption		kWh/year	2275	3226	3500
		Tbiv		°C	-7	-7	-7
	Warm climate zone	Pdesignh		kW	6.8	10.4	9.5
		SCOP		W/W	5.1	5	5.1
		Energy efficiency class			A+++	A++	A+++
		Annual electricity consumption		kWh/year	1867	2918	2608
		Tbiv		°C	2	2	2
Tol (Operation limited temperature)			°C	-15	-15	-15	
Power supply			V-Hz-Ph	230 / 50 / 1Ph	230 / 50 / 1Ph	230 / 50 / 1Ph	
Max. consumption			kW	4.15	4.6	4.7	
Max. current			A	19	21.5	22	
Outdoor unit	Air flow rate (max.)		m <sup>3</sup> /h	3,800	4,000	3,850	
	Sound pressure (High)		dB(A)	61	62	64	
	Sound power (High)		dB(A)	69	68	69	
	Dimensions (W x H x D)		mm	946 x 810 x 410	946 x 810 x 410	946 x 810 x 410	
	Weight		kg	62.1	68.8	73.3	
Refrigerant	Type / PCA			R32 / 675	R32 / 675	R32 / 675	
	Load		kg / TCO <sub>2</sub> eq	2.1 / 1.418	2.1 / 1.418	2.4 / 1.620	
	Preload until	Total liquid lines 1/4"	m	30	30	37.5	
		Total liquid lines 3/8"	m	7.5	7.5	7.5	
	Additional charge	Liquid lines 1/4"	g/m	12	12	12	
Liquid lines 3/8"		g/m	24	24	24		
Connection pipes	Liquid		mm(inch)	(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 + (1/2") x 1	(3/8") x 3 + (1/2") x 1	(3/8") x 4 + (1/2") x 1	
	Max. Length		m	80	80	80	
	Length per unit Interior		m	35	35	35	
	Max. Drop Height	Between outdoor and indoor unit	m	15	15	15	
		Difference Among Indoor units	m	10	10	10	
Electrical wiring	Power supply (outdoor unit only)		mm <sup>2</sup>	2 x 4 + T	2 x 4 + T	2 x 4 + T	
	Interconnection per unit Interior		mm <sup>2</sup>	3 x 1.5 + T	3 x 1.5 + T	3 x 1.5 + T	
Operation temp.	Indoor (Cooling / Heating)		°C	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	

Warning: 1. Data and specifications can be changed without previous notice.  
 2. The values of noise level match with the values obtained in the semi-anechoic chamber.  
 3. The capacity, consumption and SEER / SCOP values indicated are for MUPR-09-H9M indoor units (just as much outputs has the outdoor unit).

## H9 MULTISPLIT INVERTER MUPR-H9M Series Wall Type



### EASILY DISMANTELED

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



### MORE INSTALLATION SPACE

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



### Feeling function

The wireless remote control incorporates a temperature sensor.



### Auto restart

Recovery of the adjustments before the electrical cut.



### Emergency operation

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



### Cold air protection

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



### Turbo operation

Maximum cooling/heating time reduction.



### Temperature compensation

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

Model			MUPR-09-H9M	MUPR-12-H9M	MUPR-18-H9M	MUPR-24-H9M
Code			CL20470	CL20471	CL20472	CL20473
Cooling	Nominal capacity (min. ~ max.)	kW	2.63 (1.20 - 3.42)	3.51 (1.40 - 4.45)	5.27 (1.90 - 6.21)	7.32 (3.04 - 8.44)
	Nominal rating	W	18	21	24	62
Heating	Nominal capacity (min. ~ max.)	kW	2.93 (0.82 - 3.86)	4.10 (0.88 - 5.13)	5.57 (1.28 - 6.97)	7.62 (2.08 - 9.43)
	Nominal rating	W	18	21	24	62
Air flow rate (High / Medium / Low)		m <sup>3</sup> /h	486 / 433 / 329	550 / 490 / 360	810 / 720 / 550	1050 / 970 / 650
Sound pressure (High / Medium / Low)		dB(A)	41 / 35 / 29	41 / 37 / 30	45 / 41 / 33	44 / 44 / 35
Sound power (High)		dB(A)	52	54	57	59
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	7.8	8.2	10.8	14.3

- Warning:
1. Data and specifications can be changed without previous notice.
  2. The values of noise level match with the values obtained in the semi-anechoic chamber.
  3. The capacity values will vary depending on the selected outdoor unit.

## OPTIONALS COMPONENTS

More information on the optional components in "MUNDOCLIMA CONTROL SYSTEMS"

### Wired remote control

### Centralized control<sup>(1)</sup>



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



KJR-86C-E  
(CL 92 870)



KJR-12B/DP(T)-E  
(CL 94 848)



KJR-120C/TF-E<sup>(1)</sup>  
(CL 97 291)



CCM180A/WS  
(CL 97 800)



CCM270B/WS  
(CL 97 802)



CCM30/BKE  
(CL 92 871)



CCM15  
(CL 92 872)



MD-AC-MBS<sup>(1)</sup>  
(CL 99 097 /  
CL 99 114-116)



MD-AC-KNX<sup>(1)</sup>  
(CL 94 792 /  
CL 99 094-095)



IS-IR-KNX-1i  
(CL 99 096)



K-380EW  
(CO 14 907)



MUNDOCLIMA  
EU-OSK-103  
(CL 97 805)



Multifunction  
Module  
(CL 94 383)



JC-02  
(CL 94 724)

<sup>(1)</sup>Multifunction module needed (CL 94 383).

## H9 MULTISPLIT INVERTER MUCSR-H9M Series Cassette Type



- Design 360°
- Compact size (60x60).
- Condensate removal pump.
- Fresh air intake function.
- 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 control with week schedule and "Follow Me" function (optional).
- Multiple options (WIFI module, central control CCM, etc.)



RG57B2/BGE included  
(code CL 94 982)  
(MODBUS RTU)

Same options as MUCSR-H9 series (see page 316)



### Auto restart

Recovery of the adjustments before the electrical cut.



### Temperature compensation

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



### Sleep 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 controller. The controller can directly control up to 64 units from different systems (optional).

Model			MUCSR-12-H9M	MUCSR-18-H9M
Code			CL 20 474	CL 20 475
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)	5.42 (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)	41 / 37 / 34	44 / 42 / 41
Sound power (High)		dB(A)	58	56
Drain connection		mm	Ø25	Ø25
Drain pump height		mm	750	750
Fresh air intake		mm	Ø65	Ø65
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	16.2
	Panel	kg	2.5	2.5

Warning: 1. Data and specifications can be changed without previous notice.  
2. The values of noise level match with the values obtained in the semi-anechoic chamber.

## H9 MULTISPLIT INVERTER MUCR-H9M Series Duct Type



- 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 and other parameters using the wireless remote control RG57 (optional).
- Wall control with week schedule and "Follow Me" function included.
- Wireless remote control RG57 (optional).
- Centralized controller CCM (optional).
- Multiple options (WIFI module\*, central control CCM, etc)



AU-KJR-120G/TF-E included  
(code CL 97 263)

Same options as MUCR-H9 series (see page 326)



### Auto restart

Recovery of the adjustments before the electrical cut.



### Temperature compensation

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



### Sleep 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

By means of the wired remote control the static pressure of the fan can be adjusted, in this way the machine can be adapted to each installation.



### 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 controller. The controller can directly control up to 64 units from different systems (optional).

Model			MUCR-12-H9M	MUCR-18-H9M
Code			CL 20 476	CL 20 477
Cooling	Rated capacity (min. ~ max.)	kW	3.52 (0.62 - 4.40)	5.00 (2.00 - 5.50)
	Nominal rating	W	185	200
Heating	Rated capacity (min. ~ max.)	kW	3.81 (0.62 - 4.98)	5.40 (2.00 - 6.00)
	Nominal rating	W	185	200
Static pressure	Rated	Pa	25	25
	Configurable <sup>(1)</sup>	Pa	(0 ~ 60)	(0 ~ 100)
Air flow rate (High / Medium / Low)		m <sup>3</sup> /h	600 / 480 / 300	880 / 650 / 350
Sound pressure (High / Medium / Low)		dB(A)	40 / 34.5 / 27.5	41.5 / 38 / 33
Sound power (High)		dB(A)	59	59
Drain connection		mm	Ø25	Ø25
Drain pump height		mm	750	750
Fresh air intake		mm	Ø90	Ø90
Wired remote control			AU-KJR-120G	AU-KJR-120G
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 (W x H x D)		mm	700 x 200 x 450	880 x 210 x 674
Weight		kg	18	24.3

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

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

\* Except model MUCR-12-H9M

**Note: The model MUCR-12-H9M can be configured, through the ENC1 micro switch, as a model of lower capacity, 7 (2kW) or 9 (2.6kW)**

## H9 MULTISPLIT INVERTER MUCNR-H9M Series Console Type



- Double air outlet (lower and upper).
- Digital display LED.
- Low noise and low-energy consumption DC fan motor.
- Remote signal ON / OFF.
- Parameters setting using remote control RG57.
- Wireless remote control RG57 included.
- Multiple options.

**NEW!**



RG57A2/BGEF  
included  
(code CL 94 774)  
(MODBUS RTU)

Same options as  
MUCNR-H9 series  
(see page 328)



### Auto restart

Recovery of the adjustments before the electrical cut.



### Temperature compensation

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



### Sleep 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.



### Double flow

Air outlet selectable from top and bottom or top only.



### REMOTE SIGNS (CP)

The indoor unit has an ON/OFF input.



### Cold air protection

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



### Turbo operation

Maximum cooling/heating time reduction.

Model			MUCNR-12-H9M	MUCNR-18-H9M
Code			CL 20 478	CL 20 479
Cooling	Rated capacity (min. ~ max.)	kW	3.52 (0.77 - 3.81)	4.83 (2.63 - 4.98)
	Nominal rating	W	80	80
Heating	Rated capacity (min. ~ max.)	kW	3.81 (0.46 - 4.34)	4.98 (2.19 - 5.74)
	Nominal rating	W	80	80
Air flow rate (High / Medium / Low)		m <sup>3</sup> /h	512 / 480 / 370	560 / 480 / 400
Sound pressure (High / Medium / Low)		dB(A)	43 / 41.5 / 35	42.5 / 39 / 35
Sound power (High)		dB(A)	55	60
Drain connection		mm	Ø16	Ø16
Wired 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 (W x H x D)		mm	700 x 600 x 210	700 x 600 x 210
Weight		kg	14.8	14.8

Warning: 1. Data and specifications can be changed without previous notice.  
2. The values of noise level match with the values obtained in the semi-anechoic chamber.







## H9 MULTISPLIT INVERTER

### H9 Multisplit Inverter Selection


#### 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	16	18	24
Capacity	2.6 kW.	3.5 kW.	4.8 kW.	5.2 kW.	7.0 kW.
<b>WALL SPLIT</b> 	MUPR-09-H9M CL 20 470	MUPR-12-H9M CL 20 471	—	MUPR-18-H9M CL 20 472	MUPR-24-H9M CL 20 473
<b>CASSETTE</b> 	—	MUCSR-12-H9M CL 20 474	—	MUCSR-18-H9M CL 20 475	—
<b>DUCT</b> 	—	MUCR-12-H9M CL 20 476	—	MUCR-18-H9M CL 20 477	—
<b>CONSOLE</b> 	—	MUCNR-12-H9M CL 20 478	MUCNR-16-H9M CL 20 479	—	—

#### STEP 2

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

	2x1		3x1		4x1		5x1
	MUEX-14-H9.2 CL 20 460	MUEX-18-H9.2 CL 20 461	MUEX-21-H9.3 CL 20 462	MUEX-27-H9.3 CL 20 463	MUEX-28-H9.4 CL 20 464	MUEX-36-H9.4 CL 20 465	MUEX-42-H9.5 CL 20 466
<b>1 ROOM</b>	9 12 18	9 12 18	9 12 18	9 12 18	9 12 18 24	9 12 18 24	9 12 18 24
<b>2 ROOMS</b>	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
<b>3 ROOMS</b>	—	—	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	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 18+18+18
<b>4 ROOMS</b>	—	—	—	—	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
<b>5 ROOMS</b>	—	—	—	—	—	—	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+18 9+9+9+12+24 9+9+9+18+18 9+12+12+12+12 9+12+12+12+18 9+12+12+12+18 9+12+12+12+24 9+12+12+18+18 12+12+12+12+12

Note: The MUCNR-16-H9M Console machine, in the table should be considered as 18.