

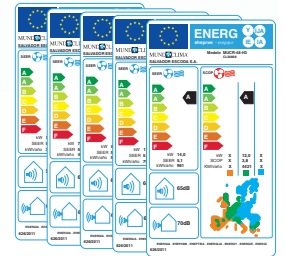
20 DUCT TYPE SPLIT MUCR-H3

**SCOP
3.8**

Only **2**
inter-
connection
wires

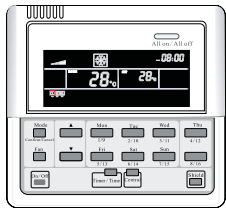
MUNDOCLIMA[®]

- Built-in drain pump with an increased height of 1100 mm.
- Fresh air inlet and air valve control function to improve the indoor air quality
- Flexible air inlet/outlet and condensing water outlet direction according to the different installation requirements
- Optimized air duct design improves the performance and reduces the noise
- Wall control.
- Wireless remote control (optional).



**SUPER DC
INVERTER**

ENERGETIC EFFICIENCY CLASS "A"



Optional

3D DC inverter
DC fan motor indoor
DC fan motor outdoor
30% efficiency increased

2C Comfortable
Convenient

2E Efficiency
Energy-saving

Low Ambient Cooling
The air conditioner with a special built-in Low Ambient Kit can be used in temperatures as low as -15°C for cooling and heating operation.

Heating control 8°C
Maintain the room temperature steadily in 8°C and prevent the room from freezing by heating operation when nobody is at home for long in severe weather.

2 ambient sensor
Indoor ambient temperature can be sen-sed more accurately.

3 sleep modes
Common, Default, User-defined
Mode 1: Indoor temperature automatically rises (when cooling) or drops (when heating).
Mode 2: Featuring unique refreshment function, the temperature is automatically adjusted to be a little lower before you wake up.
Mode 3: You could design your own sleep curve under DIY mode.

Smart zone controller
Possibility to control several units simultaneously from only remote controller. The smart zone controller can directly control up to 16 indoor units (optional).

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

Turbo Operation
With this function, the air conditioner will maximize the output of cooling or heating capacity, make the room cool down or heat up rapidly, and attain the desired temperature in the shortest time.

Memory / Auto-restart function
If the air conditioner breaks off unexpectedly due to the power cut, it will restart with the previous function setting automatically when the power resumes.

Low temperature dehumidity
It works under the dehumidification mode even if the temperature is lower than 12°C.

Filter "DustProof"
Eliminate formaldehyde and other volatile organic compounds (VOCs) as well as harmful gases and odors.

Long-distance monitoring
The unit can be controlled by computer via setting with communication module (optional).

7 fan speeds
From Super low to Turbo, choose desired air flow.

H Gate card system
It is available at a preset port in PCB for the gate card system to be set and connected to this port and work with this function.

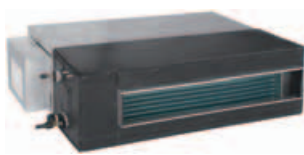
2 Wired controllers for 1 unit
near the bed and on the corridor (optional).

1W Standby
Intelligent on-off technology enables products automatically enter energy-saving mode when standby, cut energy consumption from normal 4-5W to 1W which counts 80% of saving.

Trouble shooting
Can be displayed in the light board of indoor, wired controller, PCB of outdoor.

High efficiency digital PFC control
1% efficiency increased.

180°C Sine wave inverter technology
Energy saving.



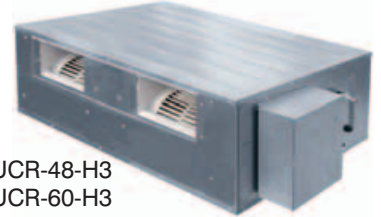
MUCR-18-H3



MUCR-24-H3
MUCR-30-H3



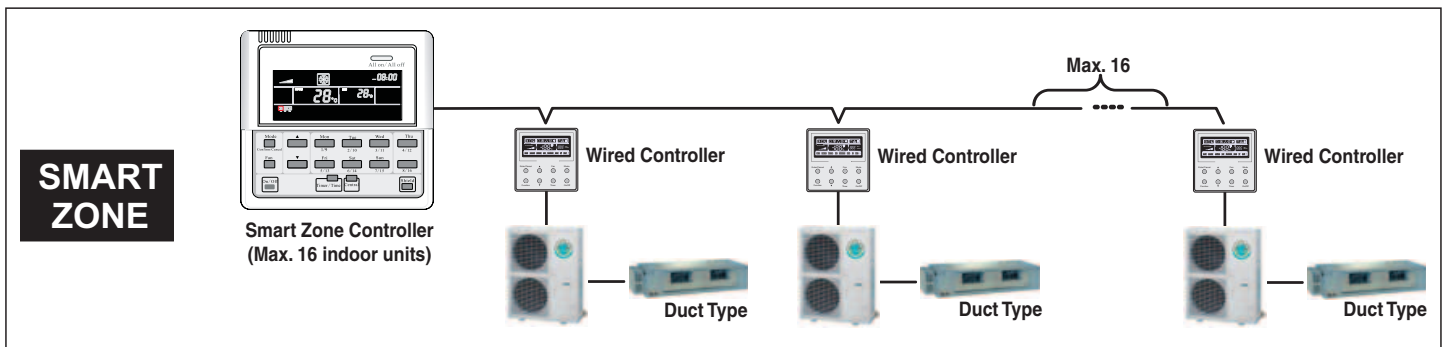
MUCR-36-H3
MUCR-42-H3



MUCR-48-H3
MUCR-60-H3

MODEL		MUCR-18-H3	MUCR-24-H3	MUCR-30-H3	MUCR-36-H3	MUCR-42-H3	MUCR-48-H3	MUCR-60-H3
Code		CL 20 863	CL 20 864	CL 20 865	CL 20 866	CL 20 867	CL 20 868	CL 20 869
Cooling capacity	kW	5.0	7.0	8.3	10.0	11.50	14.0	16.0
Heating capacity	kW	5.6	8.0	9.2	12	13.5	15.5	16.5
Pdesignh (-10°C)	kW	4.5	7.0	7.6	10.4	10.5	11.8	12.5
SEER/SCOP	W/W	5.1/3.8	5.1/3.8	5.1/3.8	5.1/3.8	5.1/3.8	5.1/3.8	5.1/3.8
Power supply	(50Hz)	1Ph 220-240V	1Ph 220-240V	1Ph 220-240V	1Ph 220-240V	1Ph 220-240V	1Ph 220-240V	3Ph 380-415V
INDOOR UNIT								
Air flow volume	m ³ /h	1000	1400	1400	2100	2100	2400	3000
ESP	Rated (Pa)	25	25	37	37	37	50	50
	Range (Pa)	0~30	0~100	0~100	0~150	0~150	0~150	0~150
Sound pres. level	dB(A)	40/39/36/28	47/46/44/40	47/46/44/40	53/52/48/44	53/52/48/44	55/53/49/45	56/55/51/46
Dimension (WxHxD)	mm	998x266x721	1239x268x558	1239x268x558	1226x290x775	1226x290x775	1340x350x751	1340x350x750
Net weight	kg	33	34	34	46	46	56	56
OUTDOOR UNIT								
Air flow volume	m ³ /h	3200	4000	4000	5100	6600	6600	6600
Sound pres. level	dB(A)	56	57	58	63	62	62	63
Dimension (WxHxD)	mm	955x700x396	980x790x427	980x790x427	1107x1100x440	958x1349x412	958x1349x412	1085x1365x427
Net weight	kg	47	67	71	92	95	105	124
Outer diameter connection pipe	Liquid	1/4	3/8	3/8	3/8	3/8	3/8	3/8
	Gas	1/2	5/8	5/8	5/8	5/8	5/8	3/4
Refrig. charge	Kg	1,4	2,2	2,4	3,5	3,7	4,0	5,0

* The above design and specifications are subject to change of product improvement without prior notice.



DATA PREINSTALLATION

Model	Unit	Supply			Interconexion
		Phases	Indoor A	Outdoor B	
MUCR-18-H3	IND/OUT	SINGLE/SINGLE	3x1	3x1.5	2x0.75
MUCR-24-H3	IND/OUT	SINGLE/SINGLE	3x1	3x2.5	2x0.75
MUCR-30-H3	IND/OUT	SINGLE/SINGLE	3x1	3x2.5	2x0.75
MUCR-36-H3	IND/OUT	SINGLE/SINGLE	3x1	3x2.5	2x0.75
MUCR-48-H3	IND/OUT	SINGLE/SINGLE	3x1	3x6	2x0.75
MUCR-60-H3	IND/OUT	SINGLE/THREE	3x1	5x2.5	2x0.75

MAXIMUM HEIGHT OF INSTALLATION (mm)

Model	Tube		Max. distance		Additional charge (g/m)
	Gas	Liquid	A	B	
MUCR-18-H3	1/2	1/4	15	20	30
MUCR-24-H3	5/8	3/8	15	30	60
MUCR-30-H3	5/8	3/8	15	30	60
MUCR-36-H3	5/8	3/8	30	50	60
MUCR-48-H3	5/8	3/8	30	50	60
MUCR-60-H3	3/4	3/8	30	50	60

