

## 20 FLOOR-CEILING TYPE SPLIT MUSTR-H3

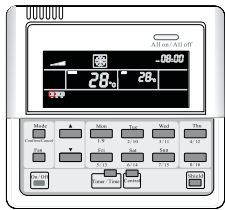
**SCOP**  
3.8

Only **2**  
inter-connection  
wires

MUND  CLIMA<sup>®</sup>

**SUPER DC**  
**INVERTER**

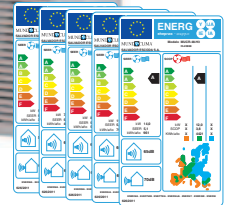
- 3-D air flue design.
- Easy replacement of motor and fan blade thanks to clamp block propeller design.
- Different swing angle design in the modes of cooling and heating for a higher comfort.
- Wireless remote control.
- Wall control (optional).



Optional



**A** **ENERGETIC EFFICIENCY CLASS "A"**



**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 temperature as low as -15°C for cooling and heating operation.



### 8°C heating control

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 sensed 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.



### 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)



### 0.33W 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

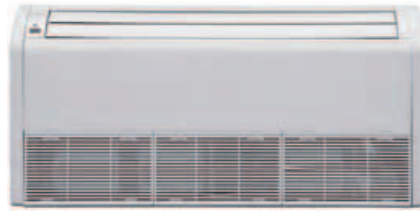


### 180°C Sine wave inverter technology

Energy saving



MUSTR-18-H3  
MUSTR-24-H3



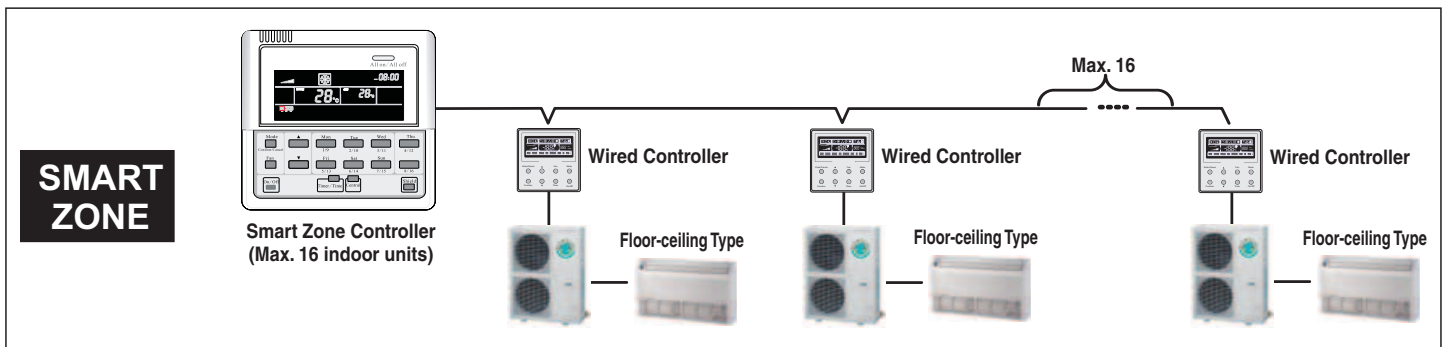
MUSTR-30-H3, MUSTR-36-H3,  
MUSTR-42-H3



MUCSR-48-H3  
MUCSR-60-H3

MODEL		MUSTR-18-H3	MUSTR-24-H3	MUSTR-30-H3	MUSTR-36-H3	MUSTR-42-H3	MUSTR-48-H3	MUSTR-60-H3
Code		CL 20 853	CL 20 854	CL 20 855	CL 20 856	CL 20 857	CL 20 858	CL 20 859
Cooling capacity	kW	5.0	7.0	8.50	10.0	11.5	14.0	16.0
Heating capacity	kW	5.6	8.0	9.2	12.0	13.5	16.0	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
<b>INDOOR UNIT</b>								
Air flow volume	m <sup>3</sup> /h	1000	1200	1500	1900	1900	2300	2500
Sound pres. level	dB(A)	44/42/38/32	49/48/46/40	49/46/44/38	54/53/51/46	55/54/52/47	57/55/50/46	58/56/51/46
Dimension (WxHxD)	mm	1220x225x700	1220x225x700	1420x245x700	1420x245x700	1420x245x700	1700x245x700	1700x245x700
Net weight	kg	39	40	48	48	50	59	59
<b>OUTDOOR UNIT</b>								
Air flow volume	m <sup>3</sup> /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	3.4	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		Interconnection	
		Phases	Indoor A	Outdoor B	Control C
MUSTR-18-H3	IND/OUT	SINGLE/SINGLE	3x1	3x1.5	2x0.75
MUSTR-24-H3	IND/OUT	SINGLE/SINGLE	3x1	3x2.5	2x0.75
MUSTR-30-H3	IND/OUT	SINGLE/SINGLE	3x1	3x2.5	2x0.75
MUSTR-36-H3	IND/OUT	SINGLE/SINGLE	3x1	3x2.5	2x0.75
MUSTR-48-H3	IND/OUT	SINGLE/SINGLE	3x1	3x6	2x0.75
MUSTR-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	
MUSTR-18-H3	1/2	1/4	15	20	30
MUSTR-24-H3	5/8	3/8	15	30	60
MUSTR-30-H3	5/8	3/8	15	30	60
MUSTR-36-H3	5/8	3/8	30	50	60
MUSTR-48-H3	5/8	3/8	30	50	60
MUSTR-60-H3	3/4	3/8	30	50	60

