



VRF MODE SWITCH (MS) BOX

Midea MS boxes, with built-in solenoid valves, switch the operation mode of the indoor units. This allows different groups of units connected to the MS box to work simultaneously in different modes: cooling or heating, with precisely selected performance.

INNOVATIVE MODE SWITCH (MS) BOX

Simultaneous cooling and heating achieved for new designed MS (Mode Switch) box.

- Low noise operation for precise control of multiple solenoid valves
- Max. 24 indoor units connect to a MS box
- Max. 56kW indoor units connect to a MS box

Indoor units connected to a same MS can realise simultaneous cooling and heating operation.



MS01/N1-D1



MS04/N1-D



MS06/N1-D



MS08/N1-D



MS10/N1-D



MS12/N1-D

VRF MODE SWITCH (MS) BOX



MODEL			MS01/N1-D1	MS04/N1-D	MS06/N1-D	MS08/N1-D	MS10/N1-D	MS12/N1-D	
Power Supply			1-phase,220-240V,50Hz						
Recommended Fuse Size		A	5	5	5	5	5	5	
Max. number of indoor unit groups			1	4	6	8	10	12	
Max. number of units per group			8	5	5	5	5	5	
Max. number of downstream indoor units			8	20	30	40	47	47	
Max. capacity of each group of indoor units		kW	32	16	16	16	16	16	
Max. total capacity of all downstream indoor units			32	49	63	85	85	85	
Piping Connections	Connected to outdoor unit	Liquid Pipe	mm	Φ9.53 / 12.7	Φ9.53 / 12.7 / 15.9 / 19.05	Φ9.53 / 12.7 / 15.9 / 19.05	Φ 12.7 / 15.9 / 19.05/ 22.2	Φ 12.7 / 15.9 / 19.05/ 22.2	Φ12.7 / 15.9 / 19.05/ 22.2
		Liquid Pipe	inch	Φ3/8 / 1/2	Φ3/8 / 1/2 / 5/8 / 3/4	Φ3/8 / 1/2 / 5/8 / 3/4	Φ 1/2 / 5/8 / 3/4 / 7/8	Φ 1/2 / 5/8 / 3/4 / 7/8	Φ 1/2 / 5/8 / 3/4 / 7/8
		Low Pressure Gas Pipe	mm	Φ15.9 / 19.1 / 22.2	Φ 19.1 / 22.2 / 28.6	Φ 19.1 / 22.2 / 28.6	Φ22.2 / 28.6 / 34.9	Φ22.2 / 28.6 / 34.9	Φ22.2 / 28.6 / 34.9
		Low Pressure Gas Pipe	inch	Φ5/8 / 3/4 / 7/8	Φ3/4 / 7/8 / 1 1/8	Φ3/4 / 7/8 / 1 1/8	Φ7/8 / 1 1/8 / 1 3/8	Φ7/8 / 1 1/8 / 1 3/8	Φ7/8 / 1 1/8 / 1 3/8
	Connected to indoor unit	High Pressure Gas Pipe	mm	Φ12.7 / 15.9 / 19.01	Φ15.9/19.1/22.2/28.6	Φ15.9/19.1/22.2/28.6	Φ19.1/22.2/28.6	Φ19.1/22.2/28.6	Φ19.1/22.2/28.6
		High Pressure Gas Pipe	inch	Φ1/2 / 5/8 / 3/4	Φ 5/8 / 3/4 / 7/8 / 1 1/8	Φ 5/8 / 3/4 / 7/8 / 1 1/8	Φ3/4 / 7/8 / 1 1/8	Φ3/4 / 7/8 / 1 1/8	Φ3/4 / 7/8 / 1 1/8
		Liquid Pipe	mm	Φ6.35/9.53	Φ6.35/9.53	Φ6.35/9.53	Φ6.35/9.53	Φ6.35/9.53	Φ6.35/9.53
		Liquid Pipe	inch	Φ1/4 / 3/8	Φ1/4 / 3/8	Φ1/4 / 3/8	Φ1/4 / 3/8	Φ1/4 / 3/8	Φ1/4 / 3/8
Gas Pipe	mm	Φ12.7/Φ15.9	Φ12.7/Φ15.9	Φ12.7/Φ15.9	Φ12.7/Φ15.9	Φ12.7/Φ15.9	Φ12.7/Φ15.9	Φ12.7/Φ15.9	
	inch	Φ1/2 / 5/8	Φ1/2 / 5/8	Φ1/2 / 5/8	Φ1/2 / 5/8	Φ1/2 / 5/8	Φ1/2 / 5/8	Φ1/2 / 5/8	
Net Dimensions (WxHxD)			mm	440x195x296	668x250x574	668x250x574	974x250x574	974x250x574	974x250x574
Packing size (WxHxD)			mm	740x275x405	1020x390x850	1020x390x850	1320x390x850	1320x390x850	1320x390x850
Net Weight			kg	10.5	33	36	48	51	54
Gross Weight			kg	14	58	61	79	82	85