

VRF MODE SWITCH (MS) BOX



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.



One group pipe with max.
4 indoor units connection



Two group pipes with max.
8 indoor units connection

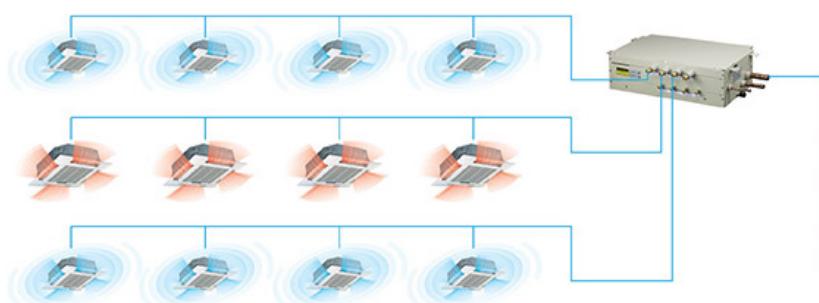


Four group pipes with max.
16 indoor units connection



Six group pipes with max.
24 indoor units connection

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



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MODEL					MS01/N1-C	MS02/N1-C	MS04/N1-C	MS06/N1-C	MS02E/N1-C	MS04E/N1-C
Applicable indoor units					All VRF indoor units except high static pressure duct				Only high static pressure duct	
Power supply					1-phase,220-240V,50Hz					
Recommended Fuse Size			A	5	5	5	5	5	5	
Max. indoor unit groups				1	2	4	6	1	1	
Max. number of each group of indoor units				4	4	4	4	1	1	
Max. number of downstream indoor units				4	8	16	24	1	1	
Max. capacity of each group of indoor units			kW	16	16	16	16	29/25/28	40/45/56	
Max. total capacity of all downstream indoor units			kW	16	28	45	45	20-28	40-56	
Piping connections	Connected to outdoor unit	Liquid pipe	mm(inch)	Φ9.53(3/8)	Φ12.7(1/2)	Φ15.9(5/8)	Φ15.9 (5/8)	Φ12.7(1/2)	Φ15.9 (5/8)	
		High pressure gas pipe	mm(inch)	Φ15.9 (5/8)	Φ19.1(3/4)	Φ22.2(7/8)	Φ22.2(7/8)	Φ19.1(3/4)	Φ22.2(7/8)	
		Low pressure gas pipe	mm(inch)	Φ19.1(3/4)	Φ25.4(1)	Φ31.8(1 1/4)	Φ31.8(1 1/4)	Φ25.4(1)	Φ31.8(1 1/4)	
	Connected to indoor unit	Liquid pipe	mm(inch)	Φ9.53(3/8)	Φ9.53(3/8)	Φ9.53(3/8)	Φ9.53(3/8)	Φ9.53(3/8)	Φ9.53(3/8)	
		Gas pipe	mm(inch)	Φ15.9(5/8)	Φ15.9 (5/8)	Φ15.9(5/8)	Φ15.9(5/8)	Φ15.9(5/8)	Φ15.9(5/8)	
Net dimension (WxHxD)			mm	630×225×600	630×225×600	960×225×600	960×225×600	630×225×600	960×225×600	
Packing size (WxHxD)			mm	725×325×685	725×325×685	1055×325×685	1055×325×685	725×325×685	1055×325×685	
Net weight			kg	18	19.5	31	35	19.5	31	
Gross weight			kg	25	27	40	44.5	27	40	