



Inverter Multi Systems | 38VNM

FEATURES

Carrier's multi system will deliver the ultimate cooling and heating comfort with the maximum flexibility.

DC Inverter Technology with Twin Rotary compressor and DC fan motor for quieter and economical operation.

One outdoor unit can serve up to 4 indoor units for all possible indoor combination.

Individual control of the indoor units.

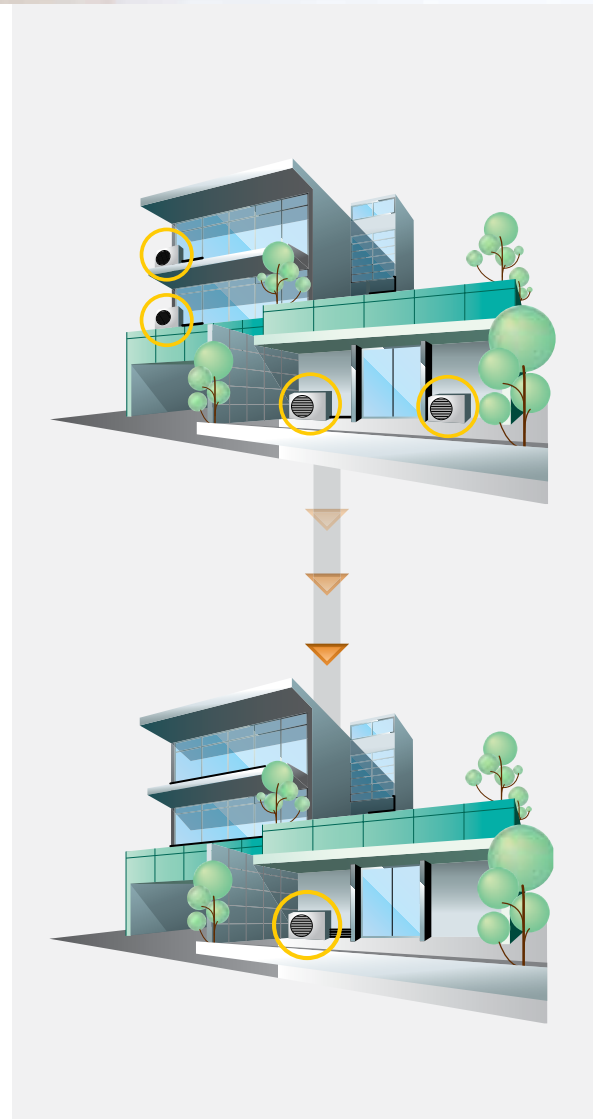
Light weight and compact.

Wide operation range.

Long piping design for wide choice of installation sites.

Intelligent anti-cold-air function.

Low ambient operation kit.



Indoor unit combination		38VNM218713		38VNM327713			38VNM436713			
		Single (1)	Double (2)	Single (1)	Double (2)	Triple (3)	Single (1)	Double (2)	Triple (3)	Quadruple (4)
Cooling										
Capacity	kW	2,05-5,70	5,27	2,05-5,70	4,10-7,62	7,91	2,05-5,27	4,10-7,62	6,15-10,54	10,54
Power input	kW	0,65-1,60	1,60	0,75-1,70	1,40-2,35	2,47	1,25-1,70	1,65-2,32	2,15-3,52	3,28
Rated current	A	2,8-7,0	7,0	3,3-7,4	6,1-10,2	10,8	5,4-7,4	7,2-10,1	9,3-15,3	14,3
EER	W/W	/	3,29	/	/	3,21	/	/	/	3,22
SEER	W/W	5,6		6,0			5,1			
Energy efficiency class		A+		A+			A			
Heating										
Capacity	kW	2,34-5,86	6,15	2,34-5,86	4,69-8,49	8,79	2,34-5,86	4,69-8,49	7,03-11,72	12,01
Power input	kW	0,62-1,68	1,70	0,72-1,75	1,52-2,25	2,38	1,57-2,44	2,05-3,34	2,88-3,54	3,33
Rated current	A	2,7-7,3	7,4	3,2-7,7	6,6-9,8	10,3	6,8-10,6	8,9-14,5	12,5-15,4	14,5
COP	W/W	/	3,62	/	/	3,69	/	/	/	3,61
SCOP (Average)	W/W	3,8		3,8			3,8			
Energy efficiency class (Average)		A		A			A			
Max. input current	A	14,5		16,5			21,5			
Compressor type		Twin rotary		Twin rotary			Twin rotary			
Air flow (H)	m ³ /h	2500		3500			5500			
Sound pressure level (H)	dB(A)	61		61			64			
Sound power level (H)	dB(A)	63		67			67			
Dimensions (WxDxH)	mm	845x320x700		900x315x860			990x345x965			
Net weight	kg	48		62			78			
Flare connections (Liquid side - Gas side)	inch	2 x (1/4-3/8)		3 x (1/4-3/8)			4 x (1/4-3/8)			
Max.piping length for all rooms	m	30		45			60			
Max. piping length for one indoor unit	m	20		25			30			
Max. piping height difference between indoor and outdoor unit (OU higher than IU)	m	10		10			10			
Max. piping height difference between indoor and outdoor unit (OU lower than IU)	m	15		15			15			
Max. piping height difference between indoor units	m	10		10			10			
Ambient temperature (Cooling/Heating)	°C	-15-50/-15-24		-15-50/-15-24			-15-50/-15-24			
Power supply	V-Ph-Hz	220/240-1-50		220/240-1-50			220/240-1-50			

Note: The values given in the table for the noise level reflect the levels in hemi-anechoic rooms.

WxDxH = Width x Depth x Height

H = High speed



HIWALL



Model		42HVF-09	42HVF-12	42HVF-18
Cooling				
Capacity	kW	2,64	3,51	4,98
Power input	kW	0,048	0,024	0,034
Rated current	A	0,21	0,11	0,14
Heating				
Capacity	kW	2,93	3,81	5,57
Power input	kW	0,048	0,024	0,034
Rated current	A	0,21	0,11	0,14
Air flow (H/M/L)	m ³ /h	620/540/440	630/550/430	730/480/400
Sound pressure level (H/M/L)	dB(A)	41/38/31	43/40/31	41/33/31
Sound power level (H)	dB(A)	53	54	57
DimensionS (WxDxH)	mm	800x188x275	800x188x275	940x205x275
Net weight	Kg	7	7	9
Flare connections (Liquid side - Gas side)	inch	1/4-3/8	1/4-3/8	1/4-1/2
Operation temperature	°C	17~30	17~30	17~30
Power supply	V-Ph-Hz	220/240-1-50	220/240-1-50	220/240-1-50

CASSETTE



Model		42CVS-09	42CVS-12	42CVS-18
Cooling				
Capacity	kW	2,64	3,51	5,27
Power input	kW	0,040	0,040	0,102
Rated current	A	0,18	0,18	0,44
Heating				
Capacity	kW	2,93	3,81	5,27
Power input	kW	0,040	0,040	0,102
Rated current	A	0,18	0,18	0,44
Indoor air flow (H/M/L)	m ³ /h	680/580/520	800/710/560	800/710/560
Sound pressure level (H/M/L)	dB(A)	46/41/36	47/43/39	47/43/39
Sound power level (H)	dB(A)	53	54	54
Body dimension (WxDxH)	mm	570x570x260	570x570x260	570x570x260
Panel dimension (WxDxH)	mm	647x647x50	647x647x50	647x647x50
Net weight(body/panel)	kg	16/2,5	16/2,5	18/2,5
Flare connections (Liquid side- Gas side)	inch	1/4-3/8	1/4-3/8	1/4-1/2
Operation temperature	°C	17-30	17-30	17-30
Power supply	V-Ph-Hz	220/240-1-50	220/240-1-50	220/240-1-50

DUCTED



Model		42SVM-09	42SVM-12	42SVM-18
Cooling				
Capacity	kW	2,64	3,51	5,27
Power input	kW	0,030	0,030	0,107
Rated current	A	0,13	0,17	0,48
Heating				
Capacity	kW	2,93	3,51	5,86
Power input	kW	0,030	0,030	0,107
Rated current	A	0,13	0,17	0,48
Air flow (H/M/L)	m ³ /h	720/600/540	800/610/520	1400/1100/1000
External static pressure (H)	Pa	40	40	70
Sound pressure level (H/M/L)	dB(A)	41/37/34	42/38/34	46/42/40
Sound power level (H)	dB(A)	55	57	59
Dimensions (WxDxH)	mm	700x635x210	700x635x210	920x635x210
Net weight	kg	20	18	23
Flare connections (Liquid side- Gas side)	inch	1/4-3/8	1/4-3/8	1/4-1/2
Operation temperature	°C	17-30	17-30	17-30
Power supply	V-Ph-Hz	220/240-1-50	220/240-1-50	220/240-1-50

H/M/L = High/Medium/Low speed
WxDxH = Width x Depth x Height

38VNM218713	Combination		Nominal Capacity (kW)		
	A	B	Total	A	B
1 unit	9	-	2,64	2,64	-
	12	-	3,51	3,51	-
	18	-	5,27	5,27	-
2 units	9	9	5,27	2,64	2,64
	9	12	5,27	2,26	3,01
	9	18	5,27	1,76	3,51
	12	12	5,27	2,64	2,64

38VNM327713	Combination			Nominal Capacity (kW)			
	A	B	C	Total	A	B	C
1 unit	9	-	-	2,64	2,64	-	-
	12	-	-	3,51	3,51	-	-
	18	-	-	5,27	5,27	-	-
2 units	9	9	-	5,27	2,64	2,64	-
	9	12	-	6,15	2,64	3,51	-
	9	18	-	7,91	2,64	5,27	-
	12	12	-	7,03	3,51	3,51	-
	12	18	-	6,15	3,16	4,75	-
3 units	9	9	9	7,91	2,64	2,64	2,64
	9	9	12	7,91	2,37	2,37	3,16
	9	12	12	7,91	2,16	2,88	2,88

38VNM327713	Combination				Nominal Capacity (kW)				
	A	B	C	D	Total	A	B	C	D
1 unit	9	-	-	-	2,64	2,64	-	-	-
	12	-	-	-	3,51	3,51	-	-	-
	18	-	-	-	5,27	5,27	-	-	-
2 units	9	9	-	-	5,27	2,64	2,64	-	-
	9	12	-	-	6,15	2,64	3,51	-	-
	9	18	-	-	7,91	2,64	5,27	-	-
	12	12	-	-	7,03	3,51	3,51	-	-
	12	18	-	-	7,91	3,16	4,75	-	-
3 units	9	9	9	-	7,91	2,64	2,64	2,64	-
	9	9	12	-	7,91	2,37	2,37	3,16	-
	9	12	12	-	7,91	2,16	2,88	2,88	-
4 units	9	9	9	9	10,54	2,64	2,64	2,64	2,64
	9	9	9	12	10,54	2,43	2,43	2,43	3,24
	9	9	9	18	10,54	2,11	2,11	2,11	4,22
	9	9	12	12	10,54	2,26	2,26	3,01	3,01
	9	9	12	18	10,54	1,98	1,98	2,64	3,95
	9	12	12	12	10,54	2,11	2,81	2,81	2,81
	9	12	12	18	10,54	1,86	2,48	2,48	3,72
12	12	12	12	10,54	2,64	2,64	2,64	2,64	