

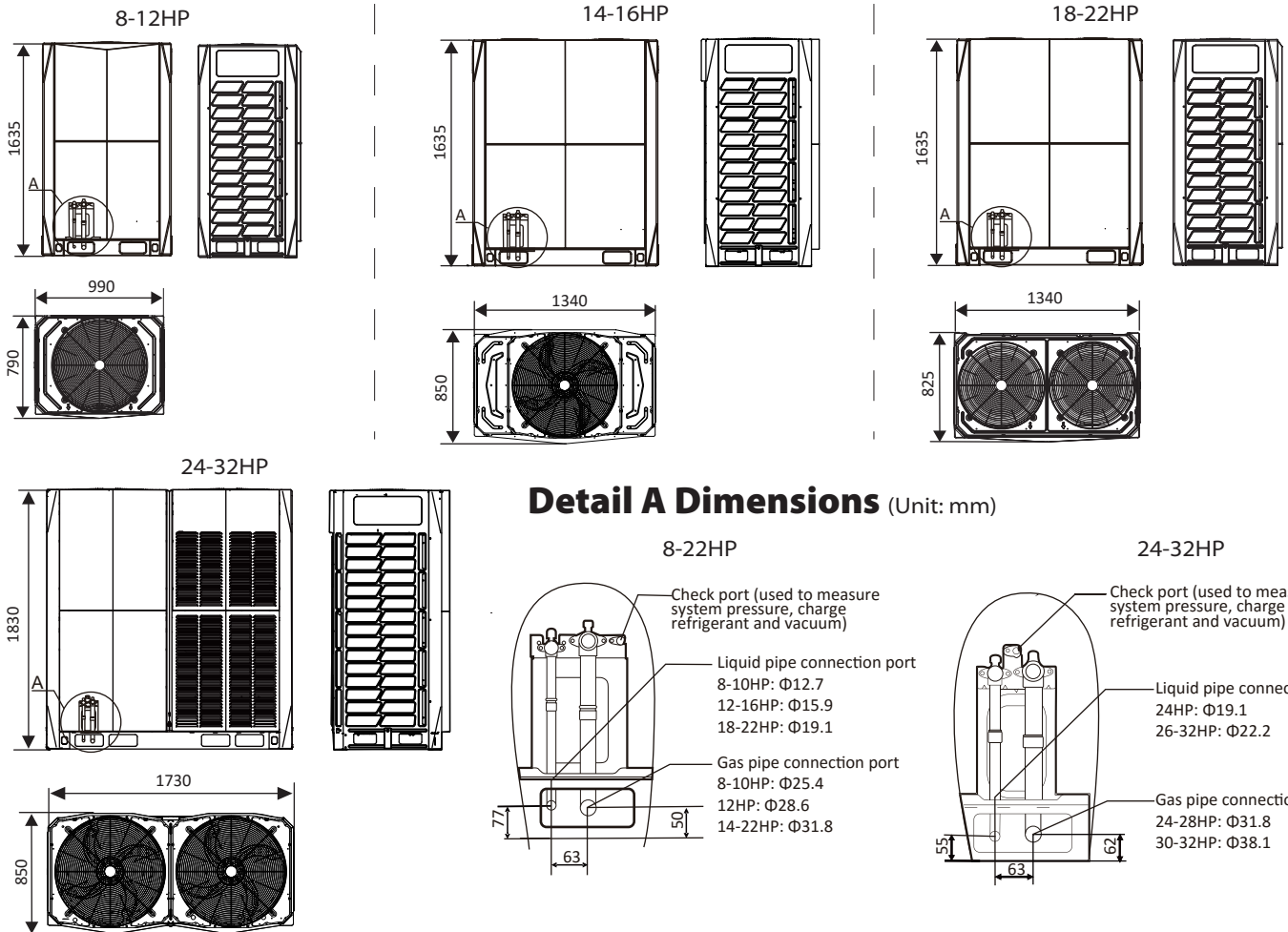
V6 Series VRF

Features

- ❖ 8HP to 96HP
- ❖ Connect Up to 64 Indoor Units
- ❖ Enhanced Vapor Injection (EVI) Compressor
- ❖ Energy Management System
- ❖ Plate Heat Exchanger (PHE) Subcooling
- ❖ Enhanced Heating Capacity
- ❖ Duty Cycling Extends Compressor Life
- ❖ Double Backup Operation
- ❖ Precise Oil Control Technology
- ❖ Real-Time Refrigerant Amount Monitoring
- ❖ Refrigerant Cooling PCB
- ❖ Optional Multifunctional PCB
- ❖ Easy Maintenance



Unit Dimensions (Unit: mm)



Specifications

HP			8	10	12	14	16	18
Model			MV6-252WV2GN1-E	MV6-280WV2GN1-E	MV6-335WV2GN1-E	MV6-400WV2GN1-E	MV6-450WV2GN1-E	MV6-500WV2GN1-E
Power supply		V/Ph/Hz	380-415/3/50					
Cooling ¹	Capacity	kW	25.2	28.0	33.5	40.0	45.0	50.0
		kBtu/h	86.0	95.5	114.3	136.5	153.5	170.6
	Power input	kW	5.3	6.3	8.7	9.9	12.0	12.5
	EER		4.75	4.45	3.85	4.05	3.75	4.00
Heating ²	Capacity	kW	25.2	28.0	33.5	40.0	45.0	50.0
		kBtu/h	86.0	95.5	114.3	136.5	153.5	170.6
	Power input	kW	4.6	5.2	6.6	8.5	9.8	10.6
	COP		5.50	5.40	5.10	4.70	4.60	4.70
Airflow rate		m ³ /h	11000			13000		17000
Sound pressure level ³		dB(A)	58			60		61
Net dimensions (W×H×D)		mm	990×1635×790			1340×1635×850		1340×1635×825
Packed dimensions (W×H×D)		mm	1090×1805×860			1405×1805×910		
Net/Gross weight		kg	227/242			277/304		348/368
Operating temperature range		°C	Cooling: -5 ~ 48; Heating: -23 ~ 24					

HP			20	22	24	26	28	30	32
Model			MV6-560WV2GN1-E	MV6-615WV2GN1-E	MV6-670WV2GN1-E	MV6-730WV2GN1-E	MV6-785WV2GN1-E	MV6-850WV2GN1-E	MV6-900WV2GN1-E
Power supply		V/Ph/Hz	380-415/3/50						
Cooling ¹	Capacity	kW	56.0	61.5	67.0	73.0	78.5	85.0	90.0
		kBtu/h	191.1	209.8	228.6	249.1	267.8	290.0	307.1
	Power input	kW	15.1	18.4	18.1	20.9	24.2	27.4	31.0
	EER		3.70	3.35	3.70	3.49	3.25	3.10	2.90
Heating ²	Capacity	kW	56.0	61.5	67.0	73.0	78.5	85.0	90.0
		kBtu/h	191.1	209.8	228.6	249.1	267.8	290.0	307.1
	Power input	kW	12.7	15.0	14.9	17.6	20.7	23.0	25.7
	COP		4.40	4.10	4.50	4.15	3.80	3.70	3.50
Airflow rate		m ³ /h	17000		25000			24000	
Sound pressure level ³		dB(A)	63		64				
Net dimensions (W×H×D)		mm	1340×1635×825				1730 × 1830 × 850		
Packed dimensions (W×H×D)		mm	1405×1805×910				1800×2000×910		
Net/Gross weight		kg	348/368		430/453			475/507	
Operating temperature range		°C	Cooling: -5 ~ 48; Heating: -23 ~ 24						

Notes:

- Indoor air temperature 27°C DB, 19°C WB; outdoor air temperature 35°C DB; equivalent refrigerant piping length 7.5m with zero level difference.
- Indoor air temperature 20°C DB; outdoor air temperature 7°C DB, 6°C WB; equivalent refrigerant piping length 7.5m with zero level difference.
- Sound pressure level is measured at a position 1m in front of the unit and 1.3m above the floor in a semi-anechoic chamber.