

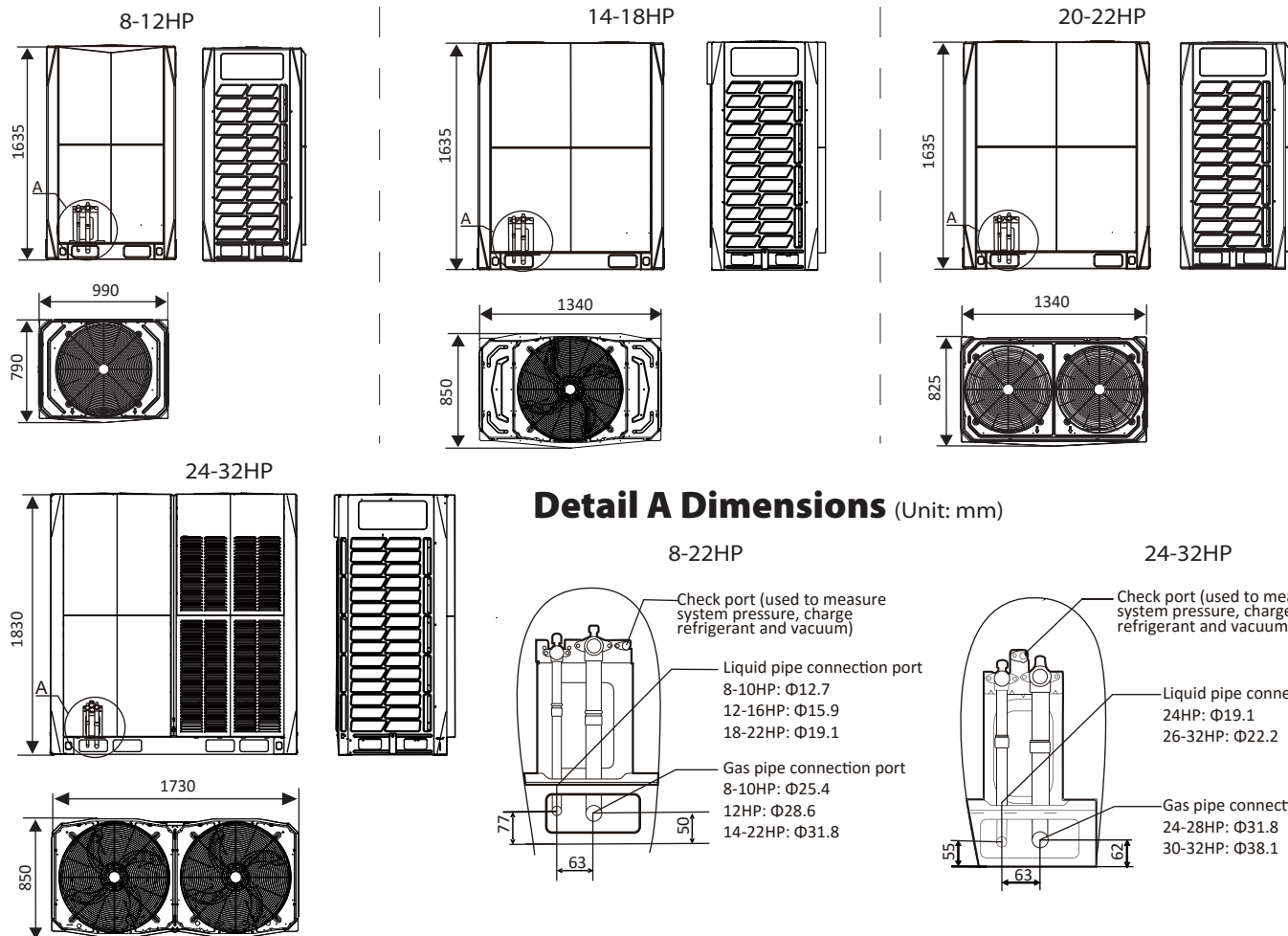
V6-i Series VRF

Features

- ❖ 8HP to 32HP
- ❖ Connect Up to 64 Indoor Units
- ❖ Enhanced Vapor Injection (EVI) Compressor
- ❖ Energy Management System
- ❖ Plate Heat Exchanger (PHE) Subcooling
- ❖ Enhanced Heating Capacity
- ❖ Backup Operation
- ❖ Precise Oil Control Technology
- ❖ Real-Time Refrigerant Amount Monitoring
- ❖ Refrigerant Cooling PCB
- ❖ Optional Multifunctional PCB
- ❖ Individual Design, Space Saving and Economical Installation Cost
- ❖ Easy Maintenance



Unit Dimensions (Unit: mm)



Specifications

HP		8	10	12	14	16	18	
Model		MV6-i252WV2GN1-E	MV6-i280WV2GN1-E	MV6-i335WV2GN1-E	MV6-i400WV2GN1-E	MV6-i450WV2GN1-E	MV6-i500WV2GN1-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	5.5	6.7	8.9	11.0	12.9	14.7
	EER		4.55	4.20	3.75	3.65	3.50	3.40
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	4.8	5.5	7.6	9.3	10.7	12.2
	COP		5.20	5.10	4.40	4.30	4.20	4.10
Airflow rate		m ³ /h	11000			13000		
Sound pressure level ⁴		dB(A)	58		60		61	62
Net dimensions (W×H×D)		mm	990×1635×790			1340×1635×850		
Packed dimensions (W×H×D)		mm	1090×1805×860			1405×1805×910		
Net/Gross weight		kg	227/242			277/304		295/322
Operating temperature range		°C	Cooling: -5 ~ 48; Heating: -23 ~ 24					

HP		20	22	24	26	28	30	32	
Model		MV6-i560WV2GN1-E	MV6-i615WV2GN1-E	MV6-i670WV2GN1-E	MV6-i730WV2GN1-E	MV6-i785WV2GN1-E	MV6-i850WV2GN1-E	MV6-i900WV2GN1-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	16.0	20.2	21.6	21.6	24.9	28.3	32.1
	EER		3.50	3.05	3.10	3.40	3.15	3.00	2.80
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	13.8	17.6	16.8	18.1	21.8	24.3	26.5
	COP		4.05	3.50	4.00	4.05	3.60	3.50	3.40
Airflow rate		m ³ /h	17000		25000		24000		
Sound pressure level ⁴		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	344/364		407/430	429/452		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.