



Technical Service Manual

V4 Plus

Individual Series VRF
Side Discharge Version



Model:

3 phase, 380-415V, 50Hz

MDV-V200W/DRN1

MDV-V224W/DRN1

MDV-V260W/DRN1

MDV-V400W/DRN1

MDV-V450W/DRN1

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Part 1 General Information

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1. Product lineup

Model	Capacity	External appearance	Power Supply
MDV-V200W/DRN1	20kW (7HP)		380-415V-3N~50Hz
MDV-V224W/DRN1	22.4kW (8HP)		
MDV-V260W/DRN1	26kW (9HP)		
MDV-V400W/DRN1	40kW (14HP)		
MDV-V450W/DRN1	45kW (16HP)		

2. Features

2.1 Wide application range

2.1.1 Wide capacity range

The Capacity range of side discharge type is from 20kW to 45kW, which is designed to optimize performance and better match varieties of application requirement. Especially, the integrated designed V4+I series is focus on provide better air conditioning system solution for the small and middle-sized buildings in the global market.

2.1.2 Flexible indoor units connection

Model	Max. quantity of connectable indoor units
MDV-V200W/DRN1	10
MDV-V224W/DRN1	11
MDV-V260W/DRN1	12
MDV-V400W/DRN1	14
MDV-V450W/DRN1	15

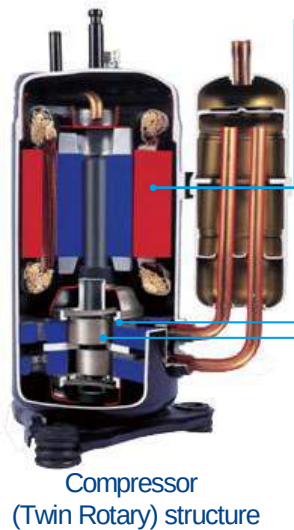
2.1.3 Flexible piping design

Piping length		Permitted value (m)	
		20-26kW	40-45kW
Actual total piping length		120	250
Longest piping	Actual length	60	100
	Equivalent length	70	120
Equivalent piping length from the farthest indoor unit to the first indoor branch joint		20	40
The indoor unit to the nearest branch joint		15	15
Level difference between indoor and outdoor units	Outdoor unit up	30	30
	Outdoor unit down	20	20
Level difference between indoor units		8	8

2.2 High efficiency

2.2.1 High efficiency DC inverter compressor

High efficiency DC inverter twin rotary compressor



Highly Efficient DC Motor:

- Creative motor core design
- High density neodymium magnet
- Concentrated type stator
- Wider operating frequency range

Better balance and Extremely Low Vibration:

- Twin eccentric cams
- 2 balance weights

Highly Stable Moving Parts:

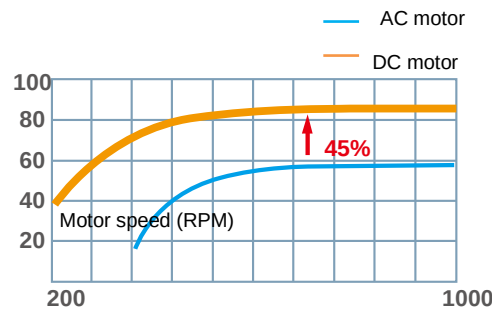
- Optimal material matching rollers and vanes
- Optimize compressor drive technology
- Highly robust bearings
- Compact structure

2.2.2 High efficiency DC motor

According to the running load and pressure, it controls the speed of DC fan to achieve the minimum power consumption.



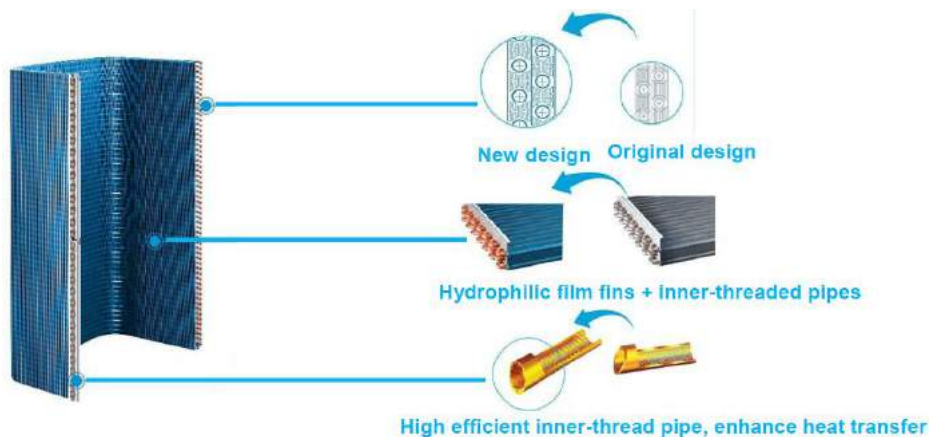
Efficiency (%)



2.2.3 High efficiency heat exchanger

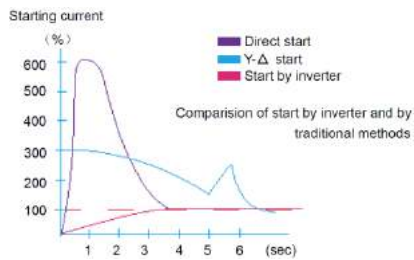
The new designed window fins enlarge the heat-exchanging area, decrease the air resistance, save more power and enhance heat exchange performance.

Hydrophilic film fins and inner-threaded copper pipes optimize heat exchange efficiency.



2.3 Enhanced comfort

2.3.1 Intelligent soft start technology



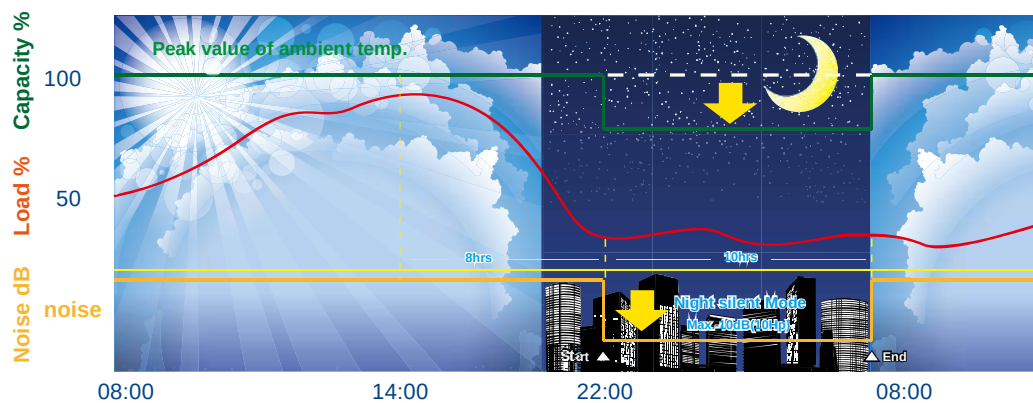
DC inverter compressor soft start function reduces strike to the electric network. This kind of high-performance and low sound scroll compressor operates at a faster rate when starting, reducing start-up time. It also helps the unit to quickly adjust the room temperature to the set level.

2.3.2 Night silent operation mode

Midea's Night Silent Mode feature which is easily set on the PCB board allows the unit to be set to vary time options during Non-Peak and Peak operation time optimizing the units noise output. Night silent operation will be activated X hours after the peak temperature during daytime, and it will go back to normal operation after Y hours.

Model 1→X: 6 hours, Y: 10 hours Model 2→X: 8 hours, Y: 10 hours

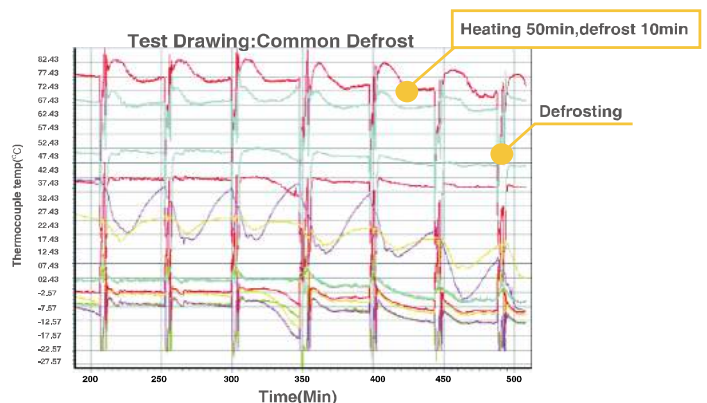
Model 3→X: 6 hours, Y: 12 hours Model 4→X: 8 hours, Y: 8 hours



Notes:

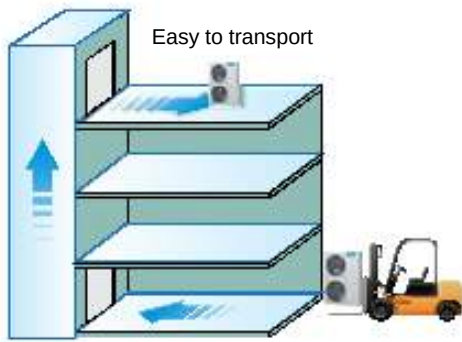
This function can be activated by setting at site. Temperature (load) curve shown in the graph is just an example.

2.3.3 Intelligent defrosting raises heat capacity



2.4 Easy installation and service

2.4.1 Compact design for effective use of space



Compact size and light weight design minimizes the installation footprint, reduces the installation floor load, and easier for transportation. For some projects the units can even be transported through the elevator or forklift, lessen access problem at the jobsite.

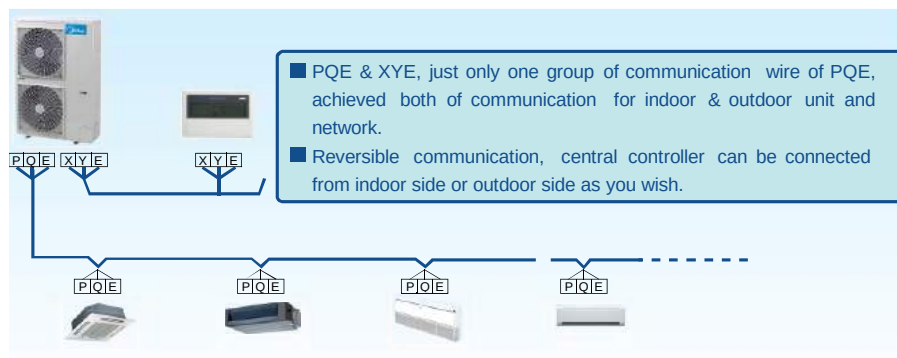


2.4.2 Space saving design

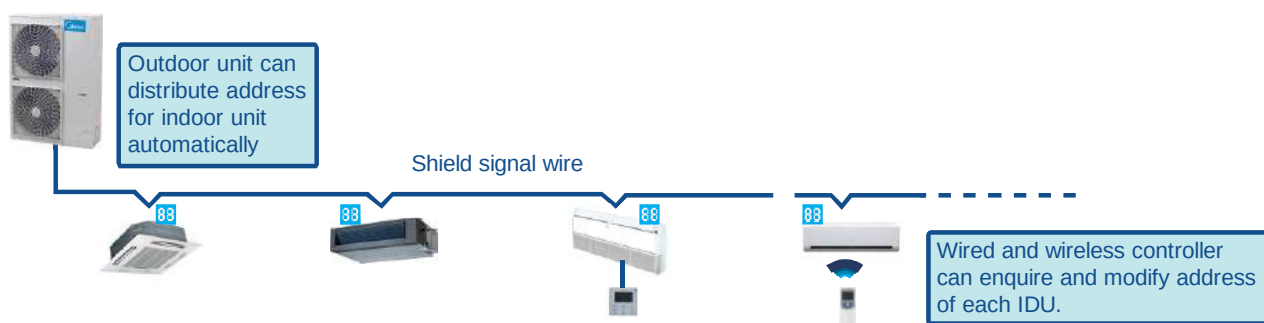
The side discharge type is slimmer and more compact, resulting in significant savings in installation space.

2.4.3 Simple signal line connection

Installation is easier as communication wiring can be shared by indoor & outdoor units. It's easy for the user to retrofit the existing system with a centralized control by simply connecting to the outdoor units.

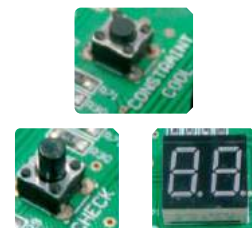


2.4.4 Auto addressing



2.4.5 Easy maintenance

Forced cooling button makes outdoor unit run in cooling mode at any condition, so it is very easy for you to charge refrigerant to the system when it needs to be done. The self-diagnosis function detects malfunctions in major locations in the system and displays the type of malfunction and location. This allows service and maintenance to be performed more efficiently.



3. Indoor units lineup

Capacity (×100W)	Cassette type				
	One-way cassette		Two-way cassette	Compact four-way cassette	Four-way cassette & Four-way cassette silent type
					
18	●				
22	●		●	●	
28	●		●	●	●
36	●		●	●	●
45		●	●	●	●
56		●	●		●
71			●		●
80					●
90					●
100					●
112					●
140					●

Capacity (×100W)	Duct type					
	Low static pressure duct	A5 duct	High static pressure duct			
						
18	●					
22	●	●				
28	●	●				
36	●	●				
45	●	●				
56	●	●				
71	●	●	●			
80		●	●			
90		●	●			
112		●	●			
140		●		●		
160				●		
200					●	
250					●	
280					●	
400						●
450						●
560						●

Indoor units lineup

Capacity (×100W)	Floor-standing/Ceiling & Floor/Console			
	Cased floor-standing	Uncased floor-standing	Ceiling & floor	console
				
22	●	●		●
28	●	●		●
36	●	●	●	●
45	●	●	●	●
56	●	●	●	
71	●	●	●	
80	●	●	●	
90			●	
112			●	
140			●	
160			●	

Capacity (×100W)	Wall mounted/Fresh air processing unit				
	Wall mounted (S panel)	Wall mounted (C panel)	Wall mounted (R panel)	Fresh air processing unit	
					
22	●	●			
28	●	●			
36	●	●			
45	●	●			
56	●	●			
71			●		
80			●		
90			●		
125				●	
140				●	
200					●
250					●
280					●

Note:

- 1、 Due to continuous improvement, specifications are subject to change without prior notice.
- 2、 Fresh air processing unit is just available for 40~45kW side discharge outdoor units.

Part 2 Specifications & Performance

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1. Specifications

Model			MDV-V200W/DRN1	MDV-V224W/DRN1	MDV-V260W/DRN1
Power supply		V-Ph-Hz	380-415/3/50		
Cooling	Capacity	kW	20	22.4	26
	Power input	kW	6.1	6.8	7.6
	EER		3.28	3.29	3.42
Heating	Capacity	kW	22	24.5	28.5
	Power input	kW	6.1	5.9	6.8
	COP		3.61	4.15	4.19
Compressor	Model		LNB42FSAMC	LNB53FCAMC	
	Type		Rotary		
	Brand		MITSUBISHI		
	Quantity		1		
	Capacity	kW	13.98	16.86	16.86
	Input	kW	4.27	5.2	5.2
	Crankcase heater	W	25		
	Refrigerant oil type		FV50S		
	Refrigerant oil charge	ml	1400+1300	1700+1500	1700+1500
Outdoor fan motor	Model		WZDK170-38G-1		
	Type		DC motor		
	Quantity		2		
	Brand		Panasonic		
	Insulation class		E		
	Safe class		IP×4		
	Input	W	260(up)/200(down)	250(up)/185(down)	250(up)/185(down)
	Output	W	210(up)/160(down)	200(up)/150(down)	200(up)/150(down)
	Rated current	A	2.1(up)/1.7(down)	1.7(up)/1.4(down)	1.7(up)/1.4(down)
Outdoor fan	Material		ASG20		
	Type		Axial fan		
	Quantity	mm	2		
	Diameter	mm	560		
	Height		170		
Outdoor coil	Number of rows		1.6	2	2
	Tube pitch(a)× row pitch(b)	mm	21×19.4		
	Fin spacing	mm	1.5		
	Fin type		Hydrophilic fin		
	Tube outside diameter	mm	Φ7		
	Tube type		Inner groove tube		
	Coil length×height	mm	1090×756	1080×756	1080×756
	Number of circuits		12	18	18
Outdoor air flow		m³/h	10999	10494	10494
Sound pressure level		dB(A)	59	59	60
Connectable indoor unit	Total capacity	%	50-130		
	Max. quantity		10	11	12
Outdoor uint	Net dimension (W×H×D)	mm	1120×1558×528		

	Packing (W×H×D)	mm	1270×1720×565		
	Net/Gross weight	mm	137/153	146.5/162.5	147/163
Refrigerant	Type		R410A		
	Factory charged	kg	4.8	6.2	6.2
Throttle type			Electronic expansion valve		
Design pressure (Hi/Lo)		MPa	4.4/2.6		
Refrigerant piping	Liquid pipe	mm	Φ9.53	Φ9.53	Φ9.53
	Gas pipe	mm	Φ19.1	Φ19.1	Φ22.2
Ambient temp. range	Cooling	°C	-15~46		
	Heating	°C	-15~24		

Notes:

Capacities are based on the following conditions:

Cooling: Indoor temperature 27 °C DB/19 °C WB; Outdoor temperature 35 °C DB/24 °C WB.

Heating: Indoor temperature 20 °C DB/15 °C WB; Outdoor temperature 7 °C DB/6 °C WB.

Piping length: Interconnecting piping length 7.5m, level difference of zero.

Sound values are measured in a semi-anechoic room, at a position 1m in front of the unit and 1.3m above the floor.

The above data may be changed without notice for future improvement on quality and performance.

Specifications

Model			MDV-V400W/DRN1	MDV-V450W/DRN1
Power supply		V-Ph-Hz	380-415/3/50	
Cooling	Capacity	kW	40.0	45.0
	Power input	kW	11.9	13.6
	EER		3.35	3.32
Heating	Capacity	kW	45.0	50.0
	Power input	kW	11.1	12.7
	COP		4.05	3.93
Compressor	Model		LNB42FSAMC	LNB53FCAMC
	Type		Rotary	
	Brand		MITSUBISHI	
	Quantity		2	
	Capacity	kW	13.98×2	16.86×2
	Input	kW	4.27×2	5.2×2
	Crankcase heater	W	25×2	
	Refrigerant oil type		FV50S	
	Refrigerant oil charge	ml	1400×2+2500	1700×2+3600
Outdoor fan motor	Model		WZDK560-38G(B)+YDK320-6A	
	Type		DC+AC	
	Quantity		2	
	Brand		Nidec,panasonic,welling/welling,matchwell	
	Insulation class		DC: E/AC: F	
	Safe class		IP44	
	Input	W	580/422	
	Output	W	560/320	
	Rated current	A	3.84+2.65	
Outdoor fan	Model		Plastic	
	Type		Axial fan	
	Quantity	mm	2	
	Diameter	mm	700	
	Height		200	
Outdoor coil	Number of rows		2	2.7
	Tube pitch(a)×row pitch(b)	mm	22×19.05	
	Fin spacing	mm	1.6	
	Fin type		Hydrophilic fin	
	Tube outside diameter	mm	Φ7.94	
	Tube type		Inner thread tube	
	Coil length×height	mm	(1290+1260)×792×2	(1360+1390+930)×792×2
	Number of circuits		18	24
Outdoor air flow		m ³ /h	16575	16575
Sound pressure level		dB(A)	62	62
Connectable indoor unit	Total capacity	%	50-130	
	Max. quantity		14	15
Outdoor unit	Net dimension (W×H×D)	mm	1360×1650×540	1460×1650×540

	Packing (W×H×D)	mm	1450×1785×560	1550×1785×560
	Net/Gross weight	mm	240/260	275/290
Refrigerant	Type	R410A		
	Factory charged	kg	9	12
Throttle type		Electronic expansion valve		
Design pressure (Hi/Lo)		MPa	4.4/2.6	
Refrigerant piping	Liquid pipe	mm	Φ12.7	Φ12.7
	Gas pipe	mm	Φ22.2	Φ25.4
Ambient temp. range	Cooling	°C	-5~48	
	Heating	°C	-15~24	

Notes:

Capacities are based on the following conditions:

Cooling: Indoor temperature 27 °C DB/19 °C WB; Outdoor temperature 35 °C DB/24 °C WB.

Heating: Indoor temperature 20 °C DB/15 °C WB; Outdoor temperature 7 °C DB/6 °C WB.

Piping length: Interconnecting piping length 7.5m, level difference of zero.

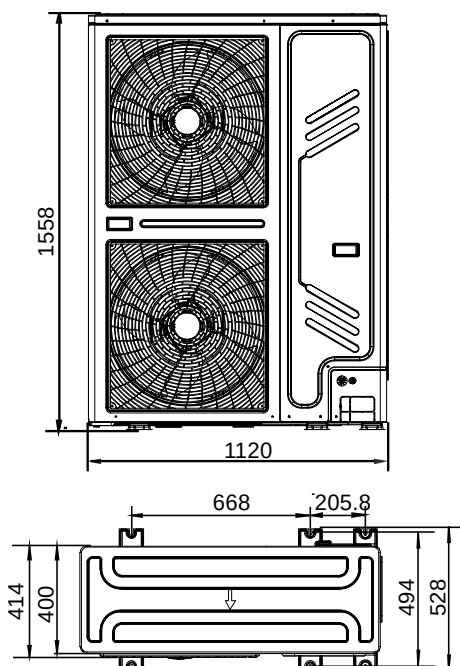
Sound values are measured in a semi-anechoic room, at a position 1m in front of the unit and 1.3m above the floor.

The above data may be changed without notice for future improvement on quality and performance.

2. Dimensions

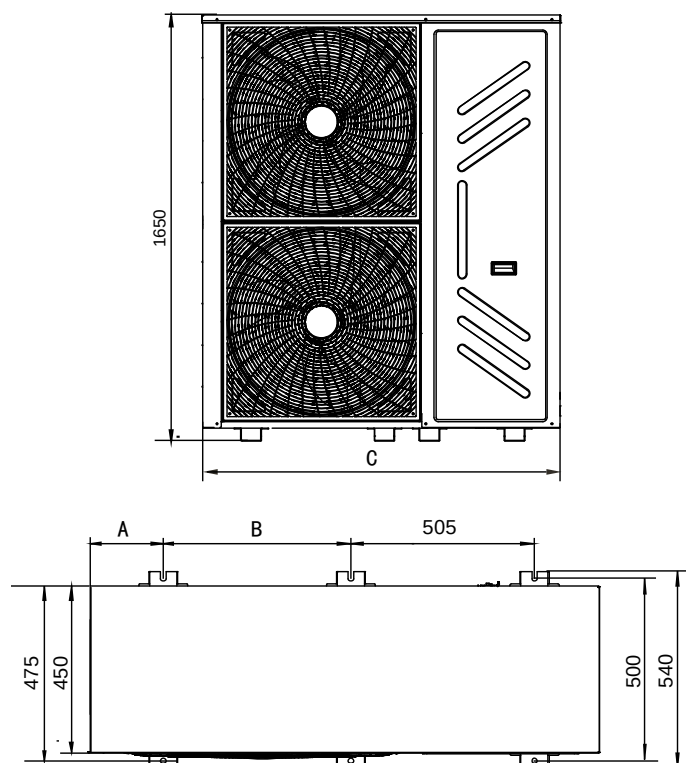
MDV-V200W/DRN1 MDV-V224W/DRN1 MDV-V260W/DRN1

Unit: mm



MDV-V400W/DRN1 MDV-V450W/DRN1

Unit: mm

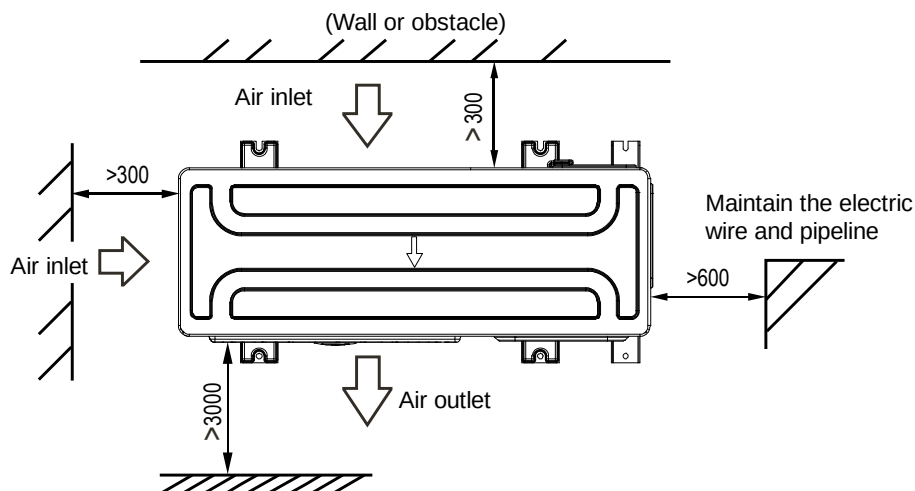


Model	A	B	C
40kW	175	505	1360
45kW	225	555	1460

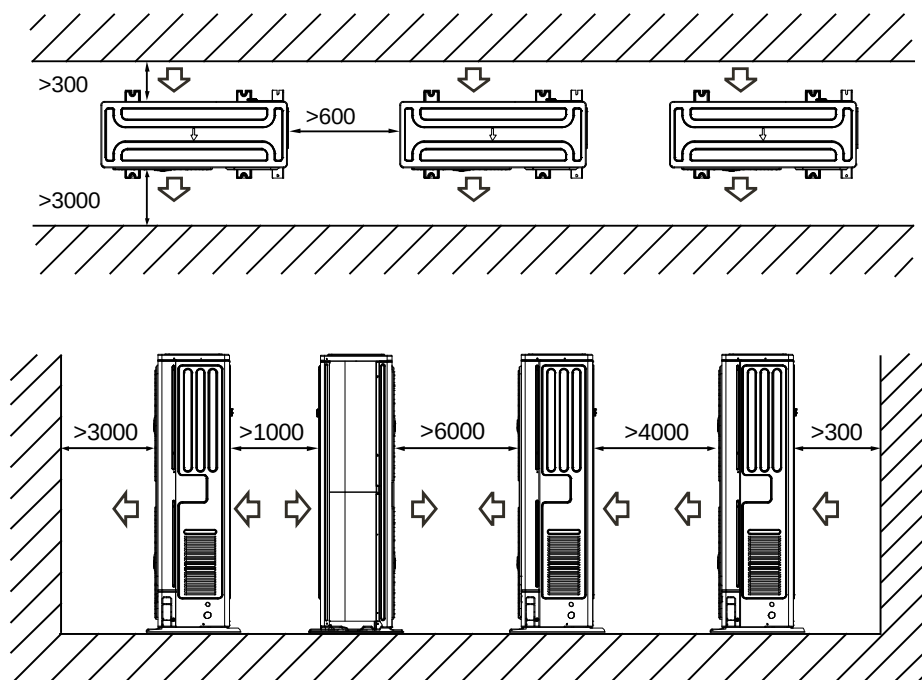
3. Service space

MDV-V200W/DRN1 MDV-V224W/DRN1 MDV-V260W/DRN1

- Single unit installation

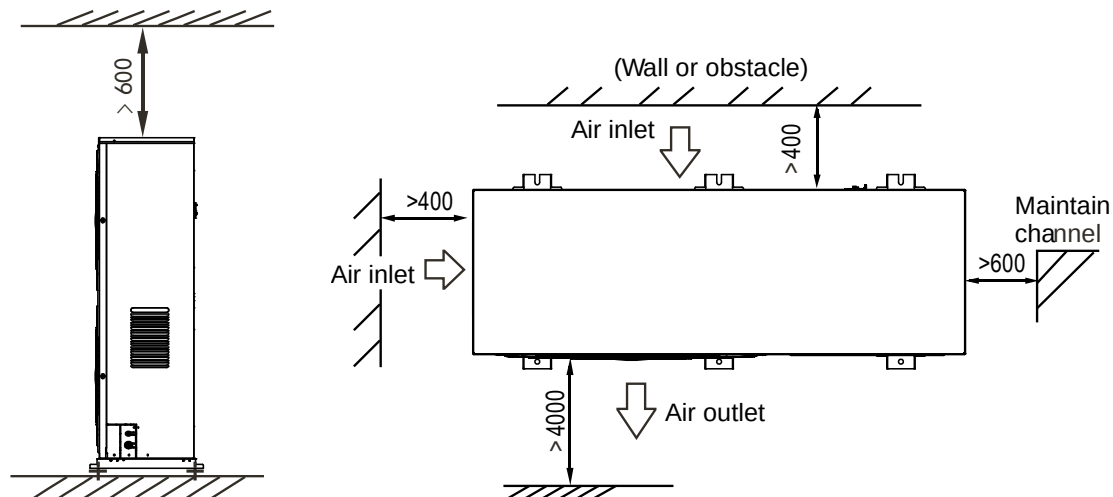


- Multiple unit installation

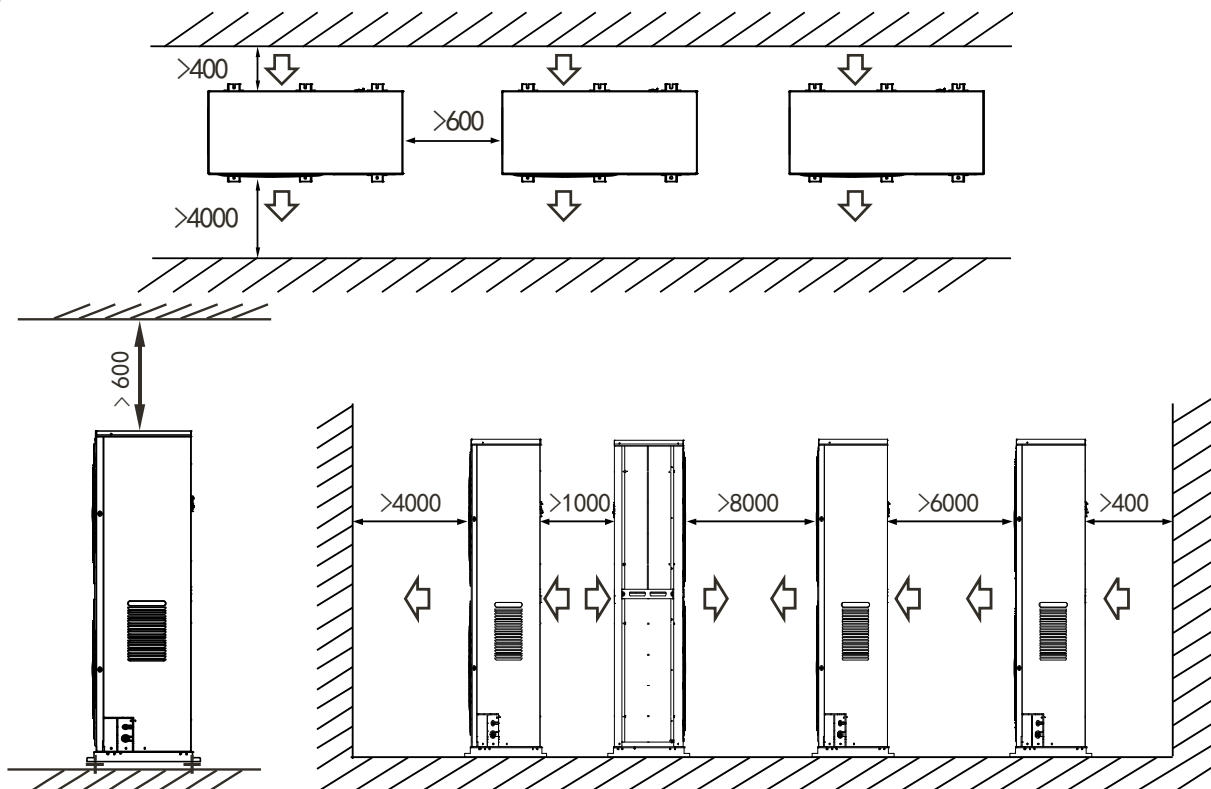


MDV-V400W/DRN1 MDV-V450W/DRN1

♦ Single unit installation

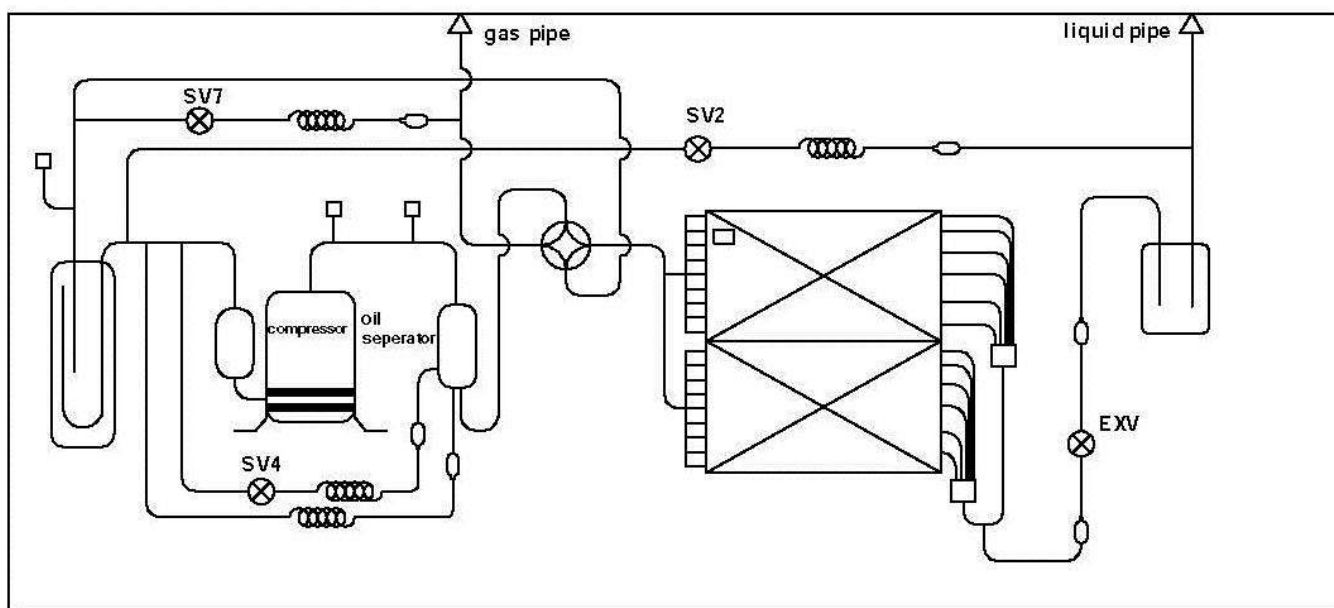


♦ Multiple unit installation

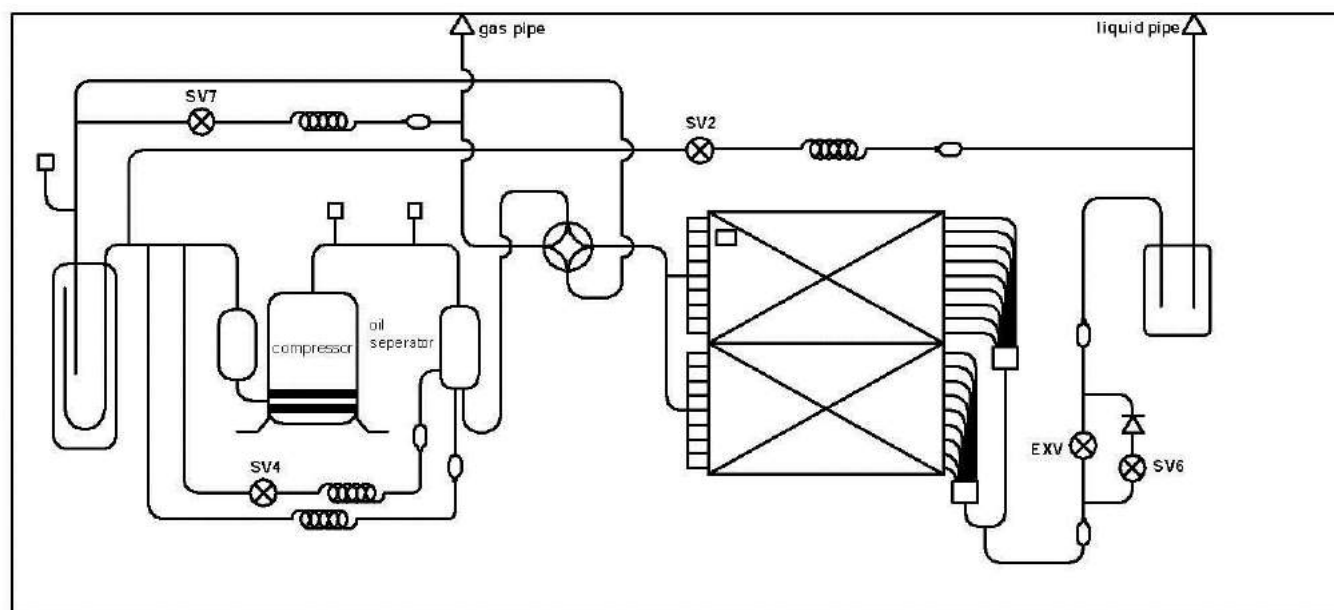


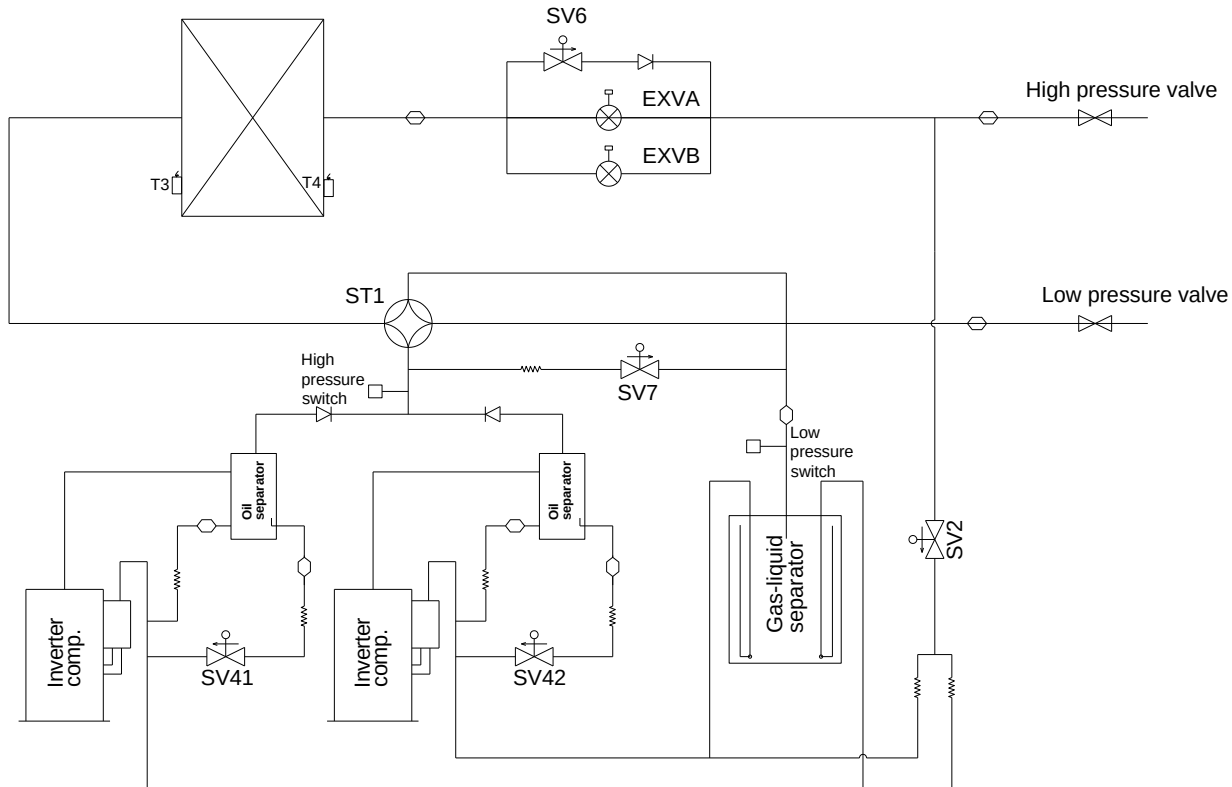
4. Piping diagrams

MDV-V200W/DRN1



MDV-V224W/DRN1 MDV-V260W/DRN1



MDV-V400W/DRN1 MDV-V450W/DRN1**Key components:**

Oil separator: It is used to separate oil from high pressure and high temperature gas refrigerant, which is pumped out from compressor. The separation efficiency is up to 99%, it makes the oil return back to each compressor very soon.

Gas-liquid separator: It is used to store the liquid refrigerant and oil; it can protect the compressor from liquid hammer.

Four-way valve (ST1): It is used to change the refrigerant flow direction; it is closed in cooling mode and opened in heating mode.

EXV (Electromagnetic Expansion Valve): It is used to adjust refrigerant volume.

SV2: It is used to protect compressor. When any compressor discharge temperature is higher than 100°C, SV2 will be open to spray a little liquid refrigerant to cooling compressor, and it will be closed when the discharge temperature is lower than 90°C.

SV4: It is used to help the oil in oil separator return back to compressor, guarantee the oil balance among compressors. When the unit is initial power on, SV4 will open 120 seconds, then it will reopen after DC inverter compressor running 5 minutes and then it will close after DC inverter compressor running 15 minutes. Later, SV4 will open 3 minutes after DC inverter running 20 minutes regularly.

SV5: It is used to enlarge refrigerant volume to accelerate defrosting speed. In defrosting mode, SV5 will be open to cut the refrigerant flowing circle, so the defrosting process will take less time, in cooling mode, SV5 will always be closed.

SV6: It is used to by-pass refrigerant. It will be closed in heating and standby mode. It will be open in forced cooling and oil return mode. In cooling mode, it will be open or closed according to discharge pressure.

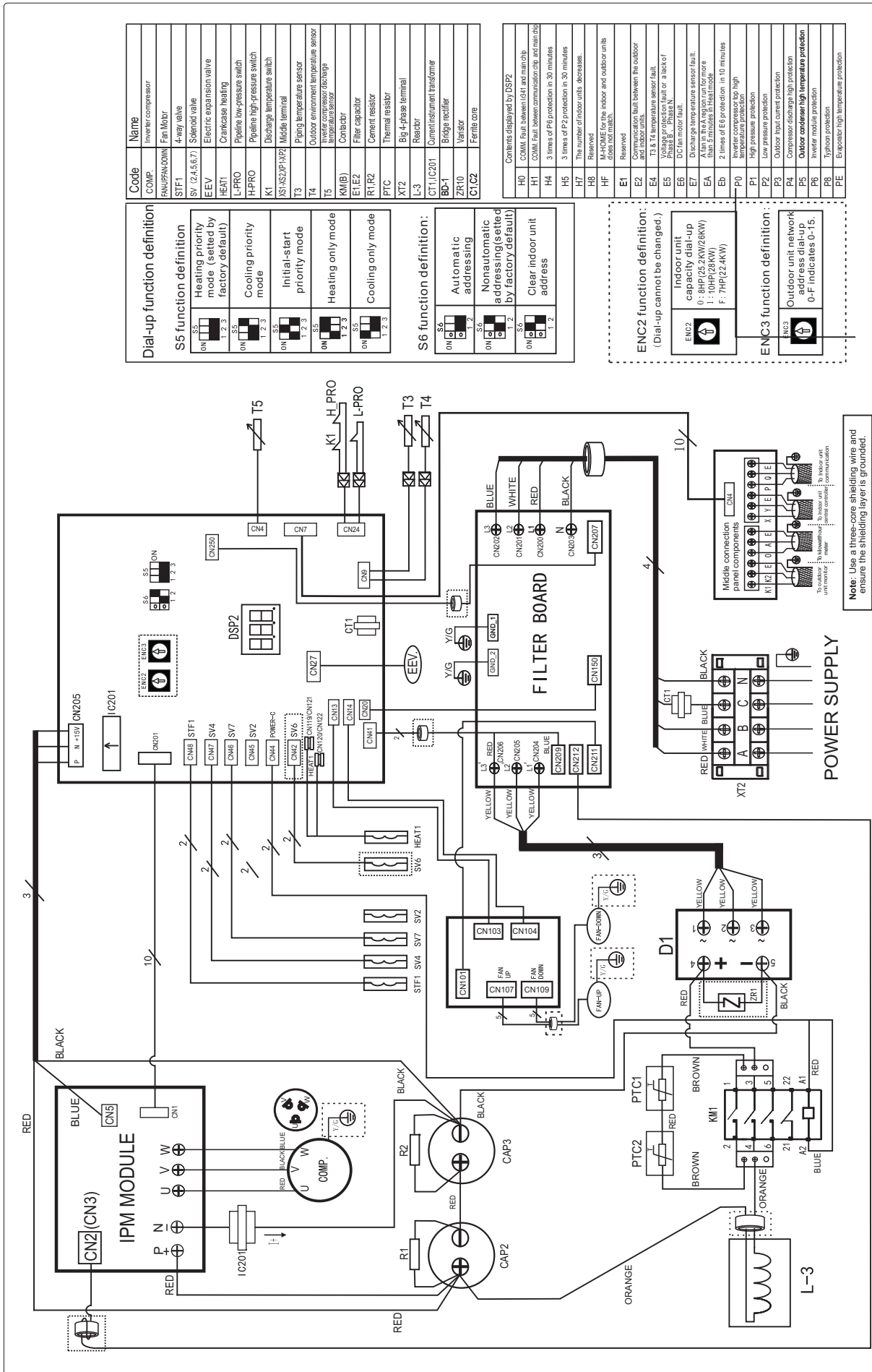
SV7: It is used to balance system pressure before open the unit, and it can guarantee system reliability in low temperature heating mode.

High pressure sensor: It is used to supervisor the discharge pressure of the compressor and to control the DC fan speed.

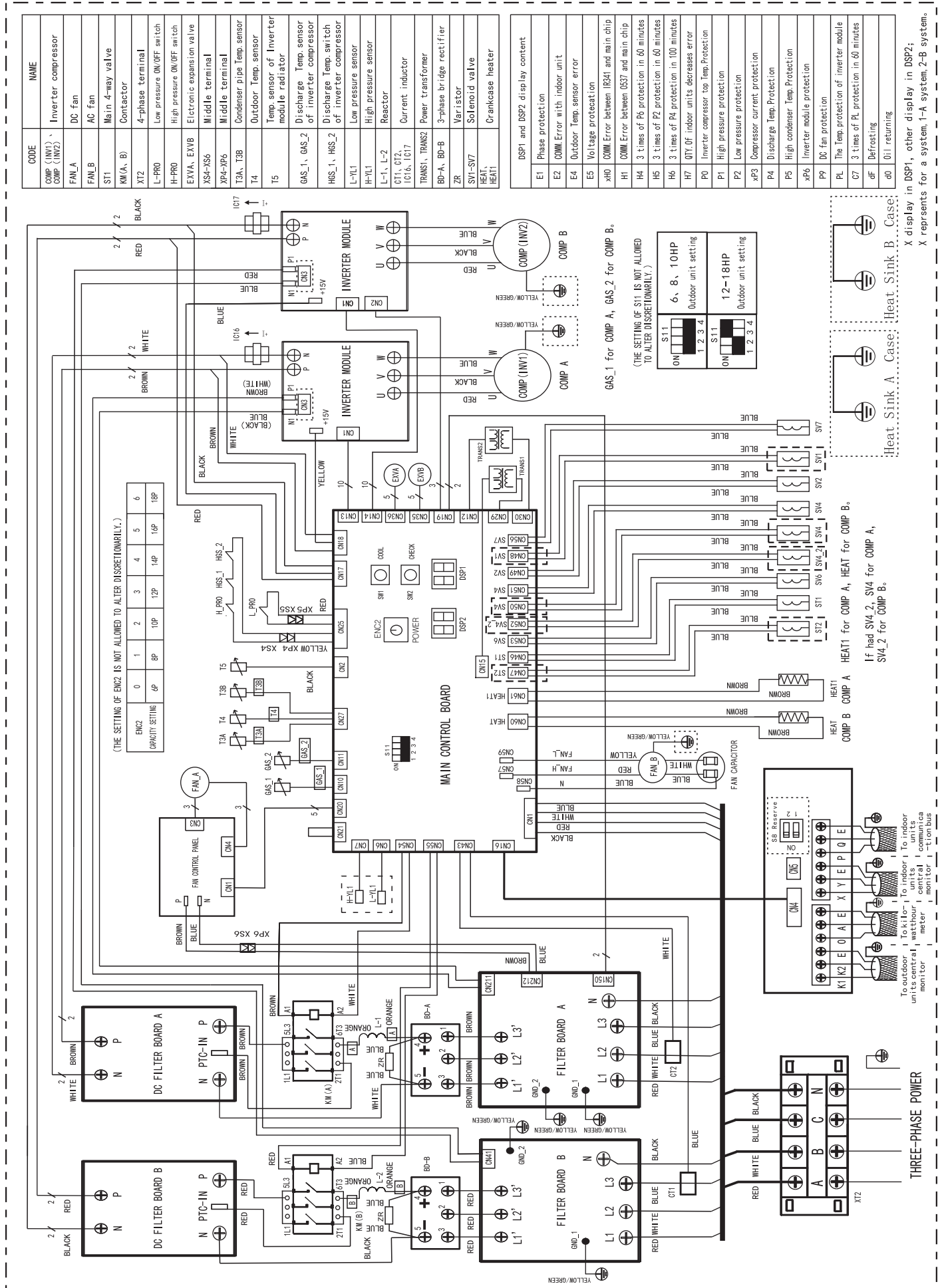
T3: Pipe temperature sensor; **T4:** Ambient temperature sensor

5. Wiring diagram

MDV-V200W/DRN1 MDV-V224W/DRN1 MDV-V260W/DRN1



MDV-V400W/DRN1 MDV-V450W/DRN1



6. Electric characteristics

Model	Units				Power supply			Compressor		OFM	
	Hz	Voltage	Min.	Max.	MCA	TOCA	MFA	MSC	RLA	kW	FLA
MDV-V200W/DRN1	50	380-415	342	456	18.75	18	25	/	12	2×0.17	2.1+1.7
MDV-V224W/DRN1	50	380-415	342	456	25	23	25	/	15.4	2×0.17	2.1+1.7
MDV-V260W/DRN1	50	380-415	342	456	26.25	23	32	/	15.4	2×0.17	2.1+1.7
MDV-V400W/DRN1	50	380-415	342	456	42.5	39.84	60	/	12×2	0.56+0.32	2.65+3.84
MDV-V450W/DRN1	50	380-415	342	456	52.5	49.84	60	/	15.4×2	0.56+0.32	2.65+3.84

Notes:

1. RLA is based on the following conditions, Indoor temp. 27°C DB/19°C WB, Outdoor temp. 35°C DB
2. TOCA means the total value of each OC set.
3. MSC means the Max. current during the starting of compressor.
4. Voltage range: Units are suitable for use on electrical systems where voltage supplied to unit terminals is not below or above listed range limits.
5. Maximum allowable voltage variation between phases is 2%.
6. Selection wire size based on the value of MCA.
7. MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth circuit breaker).

Symbols:

MCA: Min. Circuit Amps. (A)

TOCA: Total Over-current Amps. (A)

MFA: Max. Fuse Amps. (A)

MSC: Max. Starting Amps. (A)

RLA: Rated Locked Amps. (A)

OFM: Outdoor Fan Motor.

FLA: Full Load Amps. (A)

kW: Rated Motor Output (KW)

7. Capacity tables

7.1 Cooling capacity tables

MDV-V200W/DRN1

TC: Total Capacity (kW); PI: Power Input (kW) (Compressor + Outdoor fan motor)

Combination (%)	Outdoor temp. (°C)	Indoor temperature(°C DB/WD)													
		20.8/14		23.3/16		25.8/18		27/19		28.2/20		30.7/22		32/24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	-5	17.6	2.49	20.9	3.04	24.3	3.26	25.2	3.40	26.4	3.49	27.1	3.80	27.8	3.82
	-2	17.6	2.49	20.9	3.10	24.3	3.26	25.2	3.42	26.4	3.49	27.1	3.85	27.8	3.86
	0	17.6	2.54	20.9	3.16	24.3	3.38	25.2	3.60	26.4	3.69	27.1	3.89	27.8	3.91
	2	17.6	2.58	20.9	3.16	24.3	3.50	25.2	3.81	26.4	3.74	27.1	3.92	27.8	3.97
	4	17.6	2.64	20.9	3.22	24.3	3.62	25.2	3.82	26.4	3.79	27.1	3.92	27.8	4.04
	6	17.6	2.69	20.9	3.29	24.3	3.75	25.2	3.85	26.1	3.90	26.7	3.92	27.4	4.07
	8	17.6	2.75	20.9	3.36	24.3	3.94	25.2	4.04	25.8	4.03	26.4	3.90	27.1	4.11
	10	17.6	2.81	20.9	3.44	24.3	4.09	25.2	4.18	25.5	4.04	26.1	4.06	26.8	4.23
	12	17.6	2.86	20.9	3.50	24.3	4.17	24.9	4.03	25.2	4.06	25.8	4.07	26.4	4.26
	14	17.6	2.92	20.9	3.57	24.2	4.05	24.6	4.06	24.9	4.08	25.5	4.09	26.1	4.36
	16	17.6	2.97	20.9	3.64	23.9	4.06	24.2	4.08	24.5	4.10	25.1	4.12	25.8	4.42
	18	17.6	3.03	20.9	3.72	23.6	4.36	23.9	4.38	24.2	4.41	24.9	4.45	25.5	4.49
	20	17.6	3.09	20.9	3.95	23.2	4.57	23.6	4.60	23.9	4.62	24.5	4.66	25.1	4.71
	21	17.6	3.17	20.9	4.09	23.1	4.68	23.4	4.70	23.7	4.73	24.4	4.78	25.0	4.82
	23	17.6	3.40	20.9	4.39	22.8	4.89	23.1	4.92	23.4	4.94	24.0	4.99	24.6	5.04
	25	17.6	3.63	20.9	4.70	22.4	5.11	22.7	5.13	23.1	5.16	23.7	5.21	24.4	5.26
	27	17.6	3.88	20.9	5.03	22.1	5.32	22.4	5.35	22.7	5.38	23.4	5.43	24.0	5.49
	29	17.6	4.14	20.9	5.38	21.8	5.53	22.1	5.57	22.4	5.60	23.1	5.66	23.7	5.71
	31	17.6	4.42	20.9	5.69	21.4	5.76	21.8	5.79	22.1	5.81	22.7	5.88	23.4	5.94
	33	17.6	4.71	20.5	5.90	21.1	5.97	21.4	6.00	21.8	6.03	22.4	6.10	23.0	6.17
	35	17.6	5.02	20.1	6.12	20.8	6.19	21.1	6.22	21.4	6.26	22.1	6.33	22.7	6.40
120%	37	17.6	5.34	19.9	6.34	20.5	6.41	20.8	6.45	21.1	6.49	21.7	6.56	22.4	6.64
	39	17.6	5.69	19.5	6.40	20.1	6.63	20.5	6.67	20.8	6.71	21.4	6.78	22.1	6.86
	41	17.6	5.99	19.3	6.47	19.9	6.69	20.3	6.73	20.6	6.77	21.2	6.80	21.2	6.93
	43	17.6	6.14	19.2	6.50	19.8	6.71	20.2	6.76	20.4	6.78	20.8	6.81	21.0	6.94
	45	17.6	6.45	19.0	6.56	19.6	6.77	20.0	6.80	20.1	6.81	20.3	6.83	20.6	7.07
	-5	16.2	2.41	19.3	2.92	22.4	3.45	24.0	3.76	25.1	3.92	25.7	4.05	26.3	4.15
	-2	16.2	2.43	19.3	2.95	22.4	3.48	24.0	3.78	25.1	3.97	25.7	4.08	26.3	4.17
	0	16.2	2.45	19.3	2.97	22.4	3.52	24.0	3.79	25.1	4.00	25.7	4.11	26.3	4.18
	2	16.2	2.46	19.3	3.00	22.4	3.55	24.0	3.83	25.1	4.02	25.7	4.14	26.3	4.19
	4	16.2	2.49	19.3	3.04	22.4	3.60	24.0	3.86	25.1	4.07	25.7	4.14	26.3	4.20
	6	16.2	2.51	19.3	3.06	22.4	3.64	24.0	3.91	25.1	4.12	25.7	4.18	26.3	4.21
	8	16.2	2.53	19.3	3.09	22.4	3.69	24.0	3.96	25.1	4.16	25.7	4.19	26.3	4.23
	10	16.2	2.57	19.3	3.13	22.4	3.72	24.0	4.03	25.1	4.16	25.7	4.20	26.3	4.25
	12	16.2	2.61	19.3	3.19	22.4	3.80	24.0	4.10	24.8	4.18	25.4	4.18	25.9	4.28
	14	16.2	2.66	19.3	3.26	22.4	3.87	24.0	4.18	24.4	4.20	25.1	4.24	25.6	4.33
	16	16.2	2.71	19.3	3.32	22.4	3.95	23.9	4.10	24.1	4.27	24.7	4.32	25.3	4.39
	18	16.2	2.76	19.3	3.39	22.4	4.08	23.5	4.36	23.8	4.37	24.4	4.41	25.0	4.46
	20	16.2	2.82	19.3	3.52	22.4	4.39	23.2	4.57	23.5	4.59	24.1	4.63	24.6	4.67
	21	16.2	2.84	19.3	3.64	22.4	4.55	23.0	4.68	23.3	4.69	23.9	4.74	24.5	4.78
	23	16.2	3.04	19.3	3.90	22.4	4.87	22.7	4.88	23.0	4.91	23.6	4.96	24.1	5.00
	25	16.2	3.25	19.3	4.18	22.1	5.08	22.4	5.10	22.6	5.12	23.3	5.17	23.9	5.22
	27	16.2	3.47	19.3	4.46	21.8	5.29	22.1	5.32	22.4	5.34	22.9	5.39	23.5	5.44
	29	16.2	3.70	19.3	4.77	21.4	5.50	21.7	5.53	22.0	5.56	22.6	5.61	23.2	5.66
	31	16.2	3.95	19.3	5.09	21.1	5.72	21.4	5.75	21.7	5.78	22.3	5.84	22.9	5.89
	33	16.2	4.20	19.3	5.43	20.8	5.94	21.1	5.97	21.4	5.99	21.9	6.06	22.5	6.12
	35	16.2	4.47	19.3	5.79	20.4	6.15	20.7	6.18	21.1	6.22	21.6	6.28	22.2	6.35
	37	16.2	4.76	19.3	6.17	20.1	6.37	20.4	6.40	20.7	6.44	21.3	6.50	21.9	6.58
	39	16.2	5.06	19.2	6.51	19.8	6.59	20.1	6.63	20.4	6.66	21.0	6.73	21.6	6.80
	41	16.2	5.20	19.1	6.56	19.6	6.63	19.9	6.67	20.2	6.71	20.8	6.75	21.0	6.85
	43	16.2	5.28	19.0	6.60	19.5	6.67	19.8	6.70	20.0	6.73	20.5	6.77	20.6	6.99
	45	16.2	5.34	18.9	6.67	19.3	6.73	19.6	6.76	19.9	6.78	20.1	6.79	20.4	7.14

Cooling capacity tables**MDV-V200W/DRN1**

TC: Total Capacity (kW); PI: Power Input (kW) (Compressor + Outdoor fan motor)

Combination (%)	Outdoor temp. (°C)	Indoor temperature(°C DB/WD)													
		20.8/14		23.3/16		25.8/18		27/19		28.2/20		30.7/22		32/24	
		TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
110%	-5	14.9	2.10	17.7	2.62	20.6	3.12	22.0	3.35	23.4	3.61	25.2	3.75	25.8	3.86
	-2	14.9	2.14	17.7	2.65	20.6	3.15	22.0	3.39	23.4	3.64	25.2	3.78	25.8	3.88
	0	14.9	2.16	17.7	2.67	20.6	3.17	22.0	3.41	23.4	3.68	25.2	3.82	25.8	3.93
	2	14.9	2.21	17.7	2.69	20.6	3.22	22.0	3.45	23.4	3.72	25.2	3.88	25.8	3.98
	4	14.9	2.26	17.7	2.72	20.6	3.25	22.0	3.49	23.4	3.77	25.2	3.93	25.8	4.02
	6	14.9	2.28	17.7	2.75	20.6	3.29	22.0	3.54	23.4	3.82	25.2	3.97	25.8	4.08
	8	14.9	2.30	17.7	2.80	20.6	3.32	22.0	3.58	23.4	3.86	25.2	4.00	25.8	4.12
	10	14.9	2.33	17.7	2.84	20.6	3.37	22.0	3.64	23.4	3.92	25.2	4.03	25.8	4.16
	12	14.9	2.38	17.7	2.89	20.6	3.44	22.0	3.72	23.4	4.00	24.9	4.09	25.4	4.21
	14	14.9	2.42	17.7	2.94	20.6	3.50	22.0	3.78	23.4	4.07	24.6	4.12	25.1	4.24
	16	14.9	2.46	17.7	3.00	20.6	3.57	22.0	3.86	23.4	4.15	24.3	4.17	24.8	4.29
	18	14.9	2.51	17.7	3.06	20.6	3.64	22.0	3.96	23.4	4.35	23.9	4.38	24.5	4.42
	20	14.9	2.56	17.7	3.12	20.6	3.86	22.0	4.26	23.1	4.56	23.6	4.60	24.1	4.64
	21	14.9	2.58	17.7	3.21	20.6	4.00	22.0	4.42	22.9	4.67	23.4	4.70	24.0	4.74
	23	14.9	2.70	17.7	3.44	20.6	4.28	22.0	4.74	22.6	4.88	23.1	4.92	23.6	4.97
	25	14.9	2.89	17.7	3.68	20.6	4.58	22.0	5.07	22.3	5.09	22.8	5.14	23.4	5.18
	27	14.9	3.08	17.7	3.94	20.6	4.90	21.6	5.29	21.9	5.30	22.5	5.35	23.0	5.40
	29	14.9	3.28	17.7	4.20	20.6	5.24	21.4	5.50	21.6	5.52	22.1	5.57	22.7	5.62
	31	14.9	3.49	17.7	4.48	20.6	5.59	21.0	5.71	21.3	5.74	21.9	5.79	22.4	5.85
	33	14.9	3.72	17.7	4.78	20.4	5.89	20.7	5.93	21.0	5.95	21.5	6.01	22.1	6.07
	35	14.9	3.95	17.7	5.09	20.1	6.11	20.4	6.14	20.6	6.17	21.1	6.23	21.7	6.29
100%	37	14.9	4.21	17.7	5.42	19.8	6.33	20.1	6.36	20.3	6.39	20.9	6.45	21.4	6.51
	39	14.9	4.47	17.7	5.77	19.4	6.54	19.7	6.58	20.0	6.61	20.5	6.68	21.1	6.74
	41	14.9	4.52	17.7	5.82	19.3	6.59	19.6	6.62	19.8	6.66	20.2	6.72	20.4	6.79
	43	14.9	4.56	17.7	5.89	19.1	6.64	19.4	6.67	19.7	6.70	20.1	6.75	20.1	6.93
	45	14.9	4.71	17.7	5.93	18.9	6.70	19.2	6.75	19.5	6.76	19.9	6.93	19.9	7.09
	-5	13.5	1.92	16.1	2.31	18.7	2.75	20.0	2.94	21.3	3.19	23.9	3.64	25.3	3.79
	-2	13.5	1.94	16.1	2.34	18.7	2.78	20.0	3.00	21.3	3.23	23.9	3.68	25.3	3.82
	0	13.5	1.96	16.1	2.36	18.7	2.81	20.0	3.03	21.3	3.26	23.9	3.74	25.3	3.86
	2	13.5	2.00	16.1	2.39	18.7	2.84	20.0	3.07	21.3	3.30	23.9	3.79	25.3	3.92
	4	13.5	2.01	16.1	2.42	18.7	2.88	20.0	3.12	21.3	3.34	23.9	3.83	25.3	3.97
	6	13.5	2.04	16.1	2.46	18.7	2.92	20.0	3.17	21.3	3.39	23.9	3.89	25.3	4.03
	8	13.5	2.08	16.1	2.50	18.7	2.97	20.0	3.21	21.3	3.45	23.9	3.95	25.3	4.09
	10	13.5	2.10	16.1	2.55	18.7	3.02	20.0	3.26	21.3	3.51	23.9	4.01	25.3	4.15
	12	13.5	2.14	16.1	2.60	18.7	3.07	20.0	3.32	21.3	3.58	23.9	4.09	24.9	4.18
	14	13.5	2.18	16.1	2.65	18.7	3.13	20.0	3.39	21.3	3.64	23.9	4.17	24.6	4.23
	16	13.5	2.22	16.1	2.70	18.7	3.20	20.0	3.45	21.3	3.72	23.8	4.22	24.3	4.28
	18	13.5	2.26	16.1	2.75	18.7	3.26	20.0	3.52	21.3	3.79	23.5	4.36	24.0	4.39
	20	13.5	2.30	16.1	2.80	18.7	3.35	20.0	3.70	21.3	4.06	23.1	4.56	23.6	4.60
	21	13.5	2.33	16.1	2.83	18.7	3.48	20.0	3.83	21.3	4.20	23.0	4.67	23.5	4.71
	23	13.5	2.38	16.1	3.02	18.7	3.72	20.0	4.10	21.3	4.50	22.7	4.88	23.1	4.92
	25	13.5	2.54	16.1	3.22	18.7	3.99	20.0	4.40	21.3	4.83	22.4	5.10	22.9	5.14
	27	13.5	2.71	16.1	3.44	18.7	4.26	20.0	4.70	21.3	5.16	22.0	5.31	22.5	5.36
	29	13.5	2.89	16.1	3.67	18.7	4.55	20.0	5.02	21.2	5.48	21.7	5.53	22.2	5.57
	31	13.5	3.07	16.1	3.91	18.7	4.85	20.0	5.36	20.9	5.70	21.4	5.75	21.9	5.80
	33	13.5	3.26	16.1	4.17	18.7	5.17	20.0	5.72	20.6	5.91	21.1	5.96	21.6	6.02
	35	13.5	3.47	16.1	4.43	18.7	5.52	20.0	6.10	20.2	6.12	20.7	6.18	21.2	6.23
	37	13.5	3.69	16.1	4.72	18.7	5.88	19.6	6.31	19.9	6.35	20.4	6.40	20.9	6.45
	39	13.5	3.92	16.1	5.01	18.7	6.26	19.4	6.53	19.6	6.56	20.1	6.62	20.6	6.68
	41	13.5	4.10	16.1	5.20	18.7	6.48	19.1	6.57	19.4	6.66	19.7	6.77	20.3	6.82
	43	13.5	4.29	16.1	5.38	18.7	6.61	18.8	6.65	19.3	6.73	19.8	6.82	19.9	6.90
	45	13.5	4.53	16.1	5.62	18.7	6.72	18.4	6.74	19.2	6.85	19.7	6.92	19.5	6.99

Cooling capacity tables**MDV-V200W/DRN1**

TC: Total Capacity (kW); PI: Power Input (kW) (Compressor + Outdoor fan motor)

Combination (%)	Outdoor temp. (°C)	Indoor temperature(°C DB/WD)													
		20.8/14		23.3/16		25.8/18		27/19		28.2/20		30.7/22		32/24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90%	-5	12.1	1.69	14.5	2.03	16.9	2.40	18.0	2.62	19.1	2.78	21.5	3.20	23.9	3.66
	-2	12.1	1.71	14.5	2.05	16.9	2.43	18.0	2.65	19.1	2.82	21.5	3.23	23.9	3.70
	0	12.1	1.74	14.5	2.08	16.9	2.47	18.0	2.68	19.1	2.85	21.5	3.27	23.9	3.73
	2	12.1	1.76	14.5	2.11	16.9	2.49	18.0	2.73	19.1	2.90	21.5	3.34	23.9	3.78
	4	12.1	1.79	14.5	2.14	16.9	2.53	18.0	2.76	19.1	2.93	21.5	3.39	23.9	3.84
	6	12.1	1.81	14.5	2.18	16.9	2.58	18.0	2.81	19.1	2.99	21.5	3.44	23.9	3.90
	8	12.1	1.85	14.5	2.22	16.9	2.63	18.0	2.85	19.1	3.04	21.5	3.50	23.9	3.94
	10	12.1	1.88	14.5	2.27	16.9	2.68	18.0	2.89	19.1	3.11	21.5	3.55	23.9	4.00
	12	12.1	1.92	14.5	2.31	16.9	2.73	18.0	2.94	19.1	3.17	21.5	3.62	23.9	4.08
	14	12.1	1.95	14.5	2.35	16.9	2.78	18.0	3.00	19.1	3.22	21.5	3.68	23.9	4.15
	16	12.1	1.98	14.5	2.39	16.9	2.84	18.0	3.06	19.1	3.29	21.5	3.76	23.8	4.23
	18	12.1	2.01	14.5	2.44	16.9	2.89	18.0	3.12	19.1	3.35	21.5	3.83	23.5	4.36
	20	12.1	2.06	14.5	2.50	16.9	2.94	18.0	3.18	19.1	3.48	21.5	4.12	23.1	4.56
	21	12.1	2.07	14.5	2.52	16.9	2.99	18.0	3.29	19.1	3.60	21.5	4.27	23.0	4.67
	23	12.1	2.11	14.5	2.61	16.9	3.21	18.0	3.53	19.1	3.86	21.5	4.58	22.6	4.88
	25	12.1	2.23	14.5	2.80	16.9	3.43	18.0	3.77	19.1	4.13	21.5	4.90	22.4	5.10
	27	12.1	2.37	14.5	2.98	16.9	3.66	18.0	4.03	19.1	4.41	21.5	5.24	22.0	5.31
	29	12.1	2.52	14.5	3.17	16.9	3.90	18.0	4.30	19.1	4.72	21.3	5.48	21.7	5.52
	31	12.1	2.68	14.5	3.38	16.9	4.16	18.0	4.59	19.1	5.03	20.9	5.70	21.4	5.75
	33	12.1	2.84	14.5	3.59	16.9	4.44	18.0	4.89	19.1	5.37	20.6	5.92	21.1	5.96
	35	12.1	3.02	14.5	3.82	16.9	4.73	18.0	5.21	19.1	5.72	20.3	6.13	20.7	6.18
80%	37	12.1	3.21	14.5	4.06	16.9	5.03	18.0	5.55	19.1	6.10	19.9	6.35	20.4	6.40
	39	12.1	3.40	14.5	4.32	16.9	5.35	18.0	5.91	19.1	6.49	19.6	6.57	20.1	6.62
	41	12.1	3.52	14.5	4.52	16.9	5.55	18.0	6.07	19.1	6.53	19.5	6.74	19.9	6.77
	43	12.1	3.69	14.5	4.72	16.9	5.74	18.0	6.22	19.1	6.67	19.4	6.82	19.8	6.88
	45	12.1	3.92	14.5	4.95	16.9	5.98	18.0	6.43	19.1	6.86	19.3	6.89	19.5	6.97
	-5	10.8	1.49	12.9	1.76	14.9	2.09	16.0	2.22	17.1	2.39	19.1	2.77	21.2	3.16
	-2	10.8	1.51	12.9	1.79	14.9	2.11	16.0	2.26	17.1	2.41	19.1	2.79	21.2	3.19
	0	10.8	1.54	12.9	1.81	14.9	2.13	16.0	2.28	17.1	2.46	19.1	2.83	21.2	3.23
	2	10.8	1.57	12.9	1.84	14.9	2.16	16.0	2.33	17.1	2.50	19.1	2.89	21.2	3.29
	4	10.8	1.60	12.9	1.87	14.9	2.21	16.0	2.38	17.1	2.55	19.1	2.94	21.2	3.34
	6	10.8	1.62	12.9	1.91	14.9	2.24	16.0	2.43	17.1	2.59	19.1	2.99	21.2	3.39
	8	10.8	1.66	12.9	1.95	14.9	2.29	16.0	2.47	17.1	2.65	19.1	3.03	21.2	3.46
	10	10.8	1.67	12.9	2.00	14.9	2.35	16.0	2.53	17.1	2.71	19.1	3.10	21.2	3.49
	12	10.8	1.69	12.9	2.03	14.9	2.39	16.0	2.58	17.1	2.77	19.1	3.16	21.2	3.56
	14	10.8	1.73	12.9	2.07	14.9	2.43	16.0	2.62	17.1	2.82	19.1	3.21	21.2	3.63
	16	10.8	1.75	12.9	2.10	14.9	2.48	16.0	2.67	17.1	2.87	19.1	3.28	21.2	3.69
	18	10.8	1.78	12.9	2.15	14.9	2.53	16.0	2.73	17.1	2.93	19.1	3.35	21.2	3.77
	20	10.8	1.82	12.9	2.19	14.9	2.58	16.0	2.78	17.1	2.98	19.1	3.47	21.2	4.03
	21	10.8	1.83	12.9	2.20	14.9	2.61	16.0	2.81	17.1	3.05	19.1	3.59	21.2	4.18
	23	10.8	1.87	12.9	2.25	14.9	2.73	16.0	2.99	17.1	3.26	19.1	3.85	21.2	4.48
	25	10.8	1.92	12.9	2.39	14.9	2.92	16.0	3.20	17.1	3.49	19.1	4.12	21.2	4.79
	27	10.8	2.05	12.9	2.55	14.9	3.11	16.0	3.41	17.1	3.72	19.1	4.40	21.2	5.13
	29	10.8	2.18	12.9	2.71	14.9	3.31	16.0	3.63	17.1	3.98	19.1	4.69	21.2	5.48
	31	10.8	2.31	12.9	2.89	14.9	3.53	16.0	3.87	17.1	4.24	19.1	5.01	20.9	5.70
	33	10.8	2.46	12.9	3.07	14.9	3.76	16.0	4.13	17.1	4.51	19.1	5.34	20.6	5.91
	35	10.8	2.61	12.9	3.26	14.9	4.00	16.0	4.39	17.1	4.81	19.1	5.70	20.2	6.12
	37	10.8	2.76	12.9	3.46	14.9	4.25	16.0	4.68	17.1	5.12	19.1	6.08	19.9	6.34
	39	10.8	2.93	12.9	3.69	14.9	4.52	16.0	4.97	17.1	5.45	19.1	6.47	19.6	6.56
	41	10.8	2.99	12.9	3.72	14.9	4.59	16.0	5.11	17.1	5.55	19.1	6.63	19.5	6.68
	43	10.8	3.08	12.9	3.76	14.9	4.65	16.0	5.19	17.1	5.63	19.1	6.71	19.3	6.75
	45	10.8	3.17	12.9	3.80	14.9	4.74	16.0	5.30	17.1	5.72	19.1	6.79	19.1	6.86

Cooling capacity tables**MDV-V200W/DRN1**

TC: Total Capacity (kW); PI: Power Input (kW) (Compressor + Outdoor fan motor)

Combination (%)	Outdoor temp. (°C)	Indoor temperature(°C DB/WD)													
		20.8/14		23.3/16		25.8/18		27/19		28.2/20		30.7/22		32/24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70%	-5	9.4	1.33	11.3	1.56	13.1	1.77	14.0	1.90	14.9	2.03	16.7	2.32	18.6	2.66
	-2	9.4	1.34	11.3	1.57	13.1	1.78	14.0	1.93	14.9	2.06	16.7	2.35	18.6	2.70
	0	9.4	1.35	11.3	1.59	13.1	1.82	14.0	1.97	14.9	2.10	16.7	2.40	18.6	2.74
	2	9.4	1.36	11.3	1.60	13.1	1.85	14.0	2.01	14.9	2.14	16.7	2.45	18.6	2.78
	4	9.4	1.38	11.3	1.64	13.1	1.89	14.0	2.04	14.9	2.18	16.7	2.49	18.6	2.85
	6	9.4	1.40	11.3	1.67	13.1	1.93	14.0	2.11	14.9	2.23	16.7	2.54	18.6	2.90
	8	9.4	1.42	11.3	1.72	13.1	1.98	14.0	2.14	14.9	2.28	16.7	2.61	18.6	2.96
	10	9.4	1.45	11.3	1.74	13.1	2.03	14.0	2.19	14.9	2.34	16.7	2.66	18.6	2.99
	12	9.4	1.49	11.3	1.77	13.1	2.07	14.0	2.23	14.9	2.38	16.7	2.71	18.6	3.05
	14	9.4	1.51	11.3	1.80	13.1	2.10	14.0	2.26	14.9	2.43	16.7	2.76	18.6	3.11
	16	9.4	1.54	11.3	1.83	13.1	2.15	14.0	2.31	14.9	2.47	16.7	2.81	18.6	3.17
	18	9.4	1.56	11.3	1.87	13.1	2.19	14.0	2.35	14.9	2.52	16.7	2.87	18.6	3.23
	20	9.4	1.59	11.3	1.90	13.1	2.23	14.0	2.39	14.9	2.57	16.7	2.93	18.6	3.32
	21	9.4	1.60	11.3	1.92	13.1	2.24	14.0	2.42	14.9	2.59	16.7	2.97	18.6	3.44
	23	9.4	1.63	11.3	1.95	13.1	2.29	14.0	2.50	14.9	2.72	16.7	3.18	18.6	3.68
	25	9.4	1.66	11.3	2.03	13.1	2.44	14.0	2.67	14.9	2.90	16.7	3.40	18.6	3.94
	27	9.4	1.76	11.3	2.16	13.1	2.61	14.0	2.84	14.9	3.10	16.7	3.63	18.6	4.21
	29	9.4	1.87	11.3	2.29	13.1	2.77	14.0	3.03	14.9	3.30	16.7	3.87	18.6	4.50
	31	9.4	1.97	11.3	2.43	13.1	2.95	14.0	3.22	14.9	3.51	16.7	4.13	18.6	4.79
	33	9.4	2.10	11.3	2.59	13.1	3.14	14.0	3.43	14.9	3.74	16.7	4.40	18.6	5.11
	35	9.4	2.22	11.3	2.75	13.1	3.33	14.0	3.65	14.9	3.98	16.7	4.69	18.6	5.45
	37	9.4	2.34	11.3	2.91	13.1	3.54	14.0	3.87	14.9	4.23	16.7	4.99	18.6	5.80
	39	9.4	2.48	11.3	3.08	13.1	3.76	14.0	4.12	14.9	4.50	16.7	5.30	18.6	6.18
	41	9.4	2.59	11.3	3.19	13.1	3.87	14.0	4.26	14.9	4.63	16.7	5.52	18.6	6.46
	43	9.4	2.80	11.3	3.41	13.1	4.03	14.0	4.48	14.9	4.77	16.7	5.72	18.6	6.66
	45	9.4	2.87	11.3	3.48	13.1	4.11	14.0	4.56	14.9	5.01	16.7	6.03	18.6	6.91
60%	-5	8.1	1.14	9.6	1.32	11.2	1.54	12.0	1.64	12.8	1.77	14.4	1.98	15.9	2.28
	-2	8.1	1.14	9.6	1.34	11.2	1.56	12.0	1.66	12.8	1.79	14.4	2.01	15.9	2.29
	0	8.1	1.16	9.6	1.36	11.2	1.58	12.0	1.68	12.8	1.82	14.4	2.04	15.9	2.32
	2	8.1	1.18	9.6	1.39	11.2	1.61	12.0	1.71	12.8	1.84	14.4	2.09	15.9	2.35
	4	8.1	1.21	9.6	1.41	11.2	1.65	12.0	1.73	12.8	1.87	14.4	2.12	15.9	2.38
	6	8.1	1.23	9.6	1.44	11.2	1.68	12.0	1.77	12.8	1.90	14.4	2.16	15.9	2.44
	8	8.1	1.25	9.6	1.46	11.2	1.71	12.0	1.81	12.8	1.94	14.4	2.20	15.9	2.48
	10	8.1	1.27	9.6	1.50	11.2	1.73	12.0	1.86	12.8	1.98	14.4	2.24	15.9	2.52
	12	8.1	1.30	9.6	1.52	11.2	1.77	12.0	1.89	12.8	2.01	14.4	2.29	15.9	2.56
	14	8.1	1.32	9.6	1.55	11.2	1.79	12.0	1.92	12.8	2.05	14.4	2.33	15.9	2.61
	16	8.1	1.33	9.6	1.57	11.2	1.82	12.0	1.96	12.8	2.09	14.4	2.37	15.9	2.66
	18	8.1	1.36	9.6	1.59	11.2	1.86	12.0	1.99	12.8	2.13	14.4	2.41	15.9	2.70
	20	8.1	1.37	9.6	1.63	11.2	1.89	12.0	2.03	12.8	2.17	14.4	2.46	15.9	2.76
	21	8.1	1.39	9.6	1.64	11.2	1.91	12.0	2.05	12.8	2.19	14.4	2.48	15.9	2.79
	23	8.1	1.41	9.6	1.67	11.2	1.94	12.0	2.09	12.8	2.23	14.4	2.58	15.9	2.97
	25	8.1	1.43	9.6	1.69	11.2	2.01	12.0	2.19	12.8	2.37	14.4	2.75	15.9	3.16
	27	8.1	1.49	9.6	1.80	11.2	2.15	12.0	2.33	12.8	2.52	14.4	2.93	15.9	3.38
	29	8.1	1.57	9.6	1.91	11.2	2.29	12.0	2.48	12.8	2.69	14.4	3.13	15.9	3.61
	31	8.1	1.67	9.6	2.02	11.2	2.42	12.0	2.64	12.8	2.86	14.4	3.33	15.9	3.84
	33	8.1	1.76	9.6	2.15	11.2	2.57	12.0	2.80	12.8	3.04	14.4	3.54	15.9	4.09
	35	8.1	1.87	9.6	2.28	11.2	2.73	12.0	2.98	12.8	3.23	14.4	3.77	15.9	4.36
	37	8.1	1.97	9.6	2.41	11.2	2.89	12.0	3.16	12.8	3.43	14.4	4.01	15.9	4.64
	39	8.1	2.08	9.6	2.55	11.2	3.07	12.0	3.35	12.8	3.64	14.4	4.26	15.9	4.93
	41	8.1	2.15	9.6	2.66	11.2	3.18	12.0	3.48	12.8	3.78	14.4	4.46	15.9	5.16
	43	8.1	2.21	9.6	2.77	11.2	3.29	12.0	3.58	12.8	3.91	14.4	4.65	15.9	5.38
	45	8.1	2.32	9.6	2.91	11.2	3.42	12.0	3.72	12.8	4.10	14.4	4.86	15.9	5.68

Cooling capacity tables**MDV-V200W/DRN1**

TC: Total Capacity (kW); PI: Power Input (kW) (Compressor + Outdoor fan motor)

Combination (%)	Outdoor temp. (°C)	Indoor temperature(°C DB/WD)													
		20.8/14		23.3/16		25.8/18		27/19		28.2/20		30.7/22		32/24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50%	-5	6.8	0.99	8.1	1.14	9.4	1.31	10.0	1.37	10.6	1.45	11.9	1.65	13.3	1.78
	-2	6.8	0.99	8.1	1.16	9.4	1.33	10.0	1.39	10.6	1.47	11.9	1.67	13.3	1.80
	0	6.8	1.01	8.1	1.18	9.4	1.35	10.0	1.41	10.6	1.49	11.9	1.70	13.3	1.83
	2	6.8	1.03	8.1	1.20	9.4	1.37	10.0	1.43	10.6	1.52	11.9	1.70	13.3	1.87
	4	6.8	1.04	8.1	1.22	9.4	1.39	10.0	1.45	10.6	1.55	11.9	1.75	13.3	1.91
	6	6.8	1.05	8.1	1.24	9.4	1.41	10.0	1.48	10.6	1.58	11.9	1.77	13.3	1.97
	8	6.8	1.08	8.1	1.26	9.4	1.43	10.0	1.52	10.6	1.60	11.9	1.80	13.3	2.03
	10	6.8	1.10	8.1	1.27	9.4	1.46	10.0	1.54	10.6	1.64	11.9	1.85	13.3	2.06
	12	6.8	1.11	8.1	1.29	9.4	1.48	10.0	1.57	10.6	1.68	11.9	1.88	13.3	2.10
	14	6.8	1.13	8.1	1.31	9.4	1.50	10.0	1.60	10.6	1.70	11.9	1.92	13.3	2.14
	16	6.8	1.14	8.1	1.32	9.4	1.52	10.0	1.63	10.6	1.73	11.9	1.95	13.3	2.17
	18	6.8	1.16	8.1	1.35	9.4	1.55	10.0	1.65	10.6	1.76	11.9	1.98	13.3	2.21
	20	6.8	1.18	8.1	1.36	9.4	1.57	10.0	1.68	10.6	1.79	11.9	2.01	13.3	2.25
	21	6.8	1.18	8.1	1.38	9.4	1.59	10.0	1.69	10.6	1.81	11.9	2.04	13.3	2.28
	23	6.8	1.20	8.1	1.40	9.4	1.61	10.0	1.73	10.6	1.84	11.9	2.07	13.3	2.33
	25	6.8	1.22	8.1	1.42	9.4	1.64	10.0	1.76	10.6	1.90	11.9	2.18	13.3	2.48
	27	6.8	1.24	8.1	1.48	9.4	1.73	10.0	1.87	10.6	2.01	11.9	2.32	13.3	2.65
	29	6.8	1.31	8.1	1.56	9.4	1.84	10.0	1.99	10.6	2.15	11.9	2.47	13.3	2.82
	31	6.8	1.38	8.1	1.65	9.4	1.95	10.0	2.11	10.6	2.28	11.9	2.62	13.3	3.00
	33	6.8	1.46	8.1	1.75	9.4	2.07	10.0	2.24	10.6	2.42	11.9	2.79	13.3	3.19
	35	6.8	1.55	8.1	1.85	9.4	2.19	10.0	2.37	10.6	2.56	11.9	2.96	13.3	3.39
	37	6.8	1.63	8.1	1.96	9.4	2.32	10.0	2.51	10.6	2.71	11.9	3.14	13.3	3.60
	39	6.8	1.72	8.1	2.06	9.4	2.45	10.0	2.66	10.6	2.88	11.9	3.33	13.3	3.82
	41	6.8	1.79	8.1	2.15	9.4	2.54	10.0	2.78	10.6	3.00	11.9	3.51	13.3	4.00
	43	6.8	1.91	8.1	2.30	9.4	2.63	10.0	2.90	10.6	3.08	11.9	3.68	13.3	4.18
	45	6.8	1.95	8.1	2.36	9.4	2.80	10.0	3.13	10.6	3.21	11.9	4.04	13.3	4.53

Cooling capacity tables**MDV-V224W/DRN1**

TC: Total Capacity (kW); PI: Power Input (kW) (Compressor + Outdoor fan motor)

Combination (%)	Outdoor temp. (°C)	Indoor temperature(°C DB/WD)													
		20.8/14		23.3/16		25.8/18		27/19		28.2/20		30.7/22		32/24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	-5	19.7	2.78	23.4	3.39	27.2	3.64	28.2	3.78	29.6	3.89	30.3	4.23	31.1	4.26
	-2	19.7	2.78	23.4	3.46	27.2	3.64	28.2	3.81	29.6	3.89	30.3	4.29	31.1	4.30
	0	19.7	2.83	23.4	3.52	27.2	3.77	28.2	4.02	29.6	4.12	30.3	4.34	31.1	4.36
	2	19.7	2.88	23.4	3.53	27.2	3.90	28.2	4.24	29.6	4.17	30.3	4.37	31.1	4.42
	4	19.7	2.94	23.4	3.59	27.2	4.03	28.2	4.26	29.6	4.22	30.3	4.37	31.1	4.51
	6	19.7	3.00	23.4	3.67	27.2	4.18	28.2	4.30	29.3	4.35	29.9	4.37	30.7	4.54
	8	19.7	3.07	23.4	3.75	27.2	4.39	28.2	4.51	28.9	4.49	29.6	3.90	30.3	4.59
	10	19.7	3.13	23.4	3.83	27.2	4.55	28.2	4.66	28.6	4.04	29.3	4.06	30.0	4.72
	12	19.7	3.19	23.4	3.90	27.2	4.65	27.8	4.03	28.2	4.06	28.9	4.07	29.6	4.75
	14	19.7	3.25	23.4	3.98	27.1	4.05	27.5	4.06	27.8	4.08	28.6	4.09	29.3	4.86
	16	19.7	3.31	23.4	4.06	26.8	4.06	27.1	4.08	27.4	4.10	28.2	4.12	28.9	4.93
	18	19.7	3.37	23.4	4.14	26.4	4.86	26.7	4.89	27.1	4.91	27.8	4.96	28.6	5.00
	20	19.7	3.45	23.4	4.41	26.0	5.10	26.4	5.12	26.7	5.15	27.4	5.20	28.2	5.25
	21	19.7	3.54	23.4	4.56	25.8	5.22	26.2	5.24	26.6	5.27	27.3	5.32	28.0	5.37
	23	19.7	3.79	23.4	4.89	25.5	5.45	25.8	5.48	26.2	5.51	26.9	5.56	27.6	5.62
	25	19.7	4.05	23.4	5.24	25.1	5.69	25.4	5.72	25.8	5.76	26.6	5.81	27.3	5.87
	27	19.7	4.33	23.4	5.61	24.8	5.93	25.1	5.97	25.4	5.99	26.2	6.06	26.9	6.12
	29	19.7	4.62	23.4	5.99	24.4	6.17	24.7	6.20	25.1	6.24	25.8	6.31	26.6	6.37
	31	19.7	4.93	23.4	6.34	24.0	6.42	24.4	6.45	24.7	6.48	25.4	6.55	26.2	6.63
	33	19.7	5.25	23.0	6.58	23.7	6.65	24.0	6.69	24.4	6.73	25.1	6.80	25.8	6.87
35	19.7	5.60	22.6	6.82	23.3	6.90	23.7	6.94	24.0	6.97	24.7	7.06	25.4	7.13	
37	19.7	5.96	22.2	7.07	23.0	7.15	23.3	7.19	23.7	7.23	24.3	7.31	25.0	7.40	
39	19.7	6.34	21.8	7.14	22.6	7.39	23.0	7.43	23.3	7.48	24.0	7.56	24.7	7.65	
41	19.7	6.68	21.6	7.21	22.3	7.46	22.7	7.50	23.0	7.55	23.8	7.58	23.8	7.72	
43	19.7	6.84	21.5	7.24	22.2	7.48	22.6	7.54	22.8	7.56	23.3	7.59	23.5	7.74	
45	19.7	7.18	21.3	7.31	22.0	7.55	22.4	7.59	22.5	7.59	22.7	7.62	23.0	7.89	
120%	-5	18.2	2.69	21.6	3.25	25.1	3.85	26.9	4.19	28.2	4.37	28.8	4.51	29.4	4.63
	-2	18.2	2.71	21.6	3.29	25.1	3.88	26.9	4.22	28.2	4.42	28.8	4.55	29.4	4.65
	0	18.2	2.74	21.6	3.31	25.1	3.93	26.9	4.23	28.2	4.46	28.8	4.58	29.4	4.66
	2	18.2	2.74	21.6	3.34	25.1	3.96	26.9	4.27	28.2	4.48	28.8	4.61	29.4	4.67
	4	18.2	2.77	21.6	3.39	25.1	4.01	26.9	4.31	28.2	4.54	28.8	4.62	29.4	4.68
	6	18.2	2.80	21.6	3.41	25.1	4.06	26.9	4.36	28.2	4.59	28.8	4.66	29.4	4.69
	8	18.2	2.83	21.6	3.45	25.1	4.11	26.9	4.41	28.2	4.63	28.8	4.67	29.4	4.72
	10	18.2	2.86	21.6	3.49	25.1	4.15	26.9	4.49	28.2	4.64	28.8	4.69	29.4	4.74
	12	18.2	2.91	21.6	3.56	25.1	4.23	26.9	4.57	27.8	4.66	28.4	4.66	29.0	4.77
	14	18.2	2.97	21.6	3.63	25.1	4.32	26.9	4.67	27.4	4.69	28.1	4.73	28.7	4.82
	16	18.2	3.02	21.6	3.70	25.1	4.40	26.7	4.10	27.0	4.76	27.7	4.81	28.3	4.90
	18	18.2	3.08	21.6	3.78	25.1	4.55	26.3	4.86	26.6	4.88	27.3	4.92	28.0	4.97
	20	18.2	3.14	21.6	3.92	25.1	4.89	26.0	5.10	26.3	5.11	27.0	5.16	27.6	5.21
	21	18.2	3.17	21.6	4.06	25.1	5.07	25.8	5.21	26.1	5.23	26.8	5.28	27.4	5.33
	23	18.2	3.39	21.6	4.35	25.1	5.43	25.4	5.44	25.8	5.47	26.4	5.53	27.0	5.57
	25	18.2	3.62	21.6	4.66	24.7	5.66	25.0	5.68	25.4	5.71	26.1	5.76	26.7	5.82
	27	18.2	3.87	21.6	4.98	24.4	5.89	24.7	5.93	25.0	5.96	25.7	6.01	26.3	6.07
	29	18.2	4.12	21.6	5.32	24.0	6.13	24.3	6.17	24.6	6.20	25.3	6.26	26.0	6.31
	31	18.2	4.40	21.6	5.67	23.6	6.38	24.0	6.41	24.3	6.44	25.0	6.51	25.6	6.57
	33	18.2	4.68	21.6	6.05	23.3	6.62	23.6	6.65	23.9	6.68	24.6	6.75	25.2	6.82
35	18.2	4.99	21.6	6.45	22.9	6.85	23.2	6.89	23.6	6.93	24.2	7.00	24.9	7.08	
37	18.2	5.31	21.6	6.87	22.6	7.10	22.9	7.14	23.2	7.18	23.8	7.25	24.5	7.33	
39	18.2	5.65	21.5	7.26	22.2	7.34	22.5	7.39	22.8	7.42	23.5	7.51	24.2	7.58	
41	18.2	5.80	21.3	7.31	22.0	7.39	22.3	7.44	22.6	7.48	23.3	7.53	23.5	7.64	
43	18.2	5.89	21.2	7.36	21.8	7.44	22.1	7.47	22.5	7.50	22.9	7.55	23.1	7.79	
45	18.2	5.96	21.1	7.43	21.6	7.51	21.9	7.54	22.3	7.56	22.5	7.57	22.9	7.96	

Cooling capacity tables**MDV-V224W/DRN1**

TC: Total Capacity (kW); PI: Power Input (kW) (Compressor + Outdoor fan motor)

Combination (%)	Outdoor temp. (°C)	Indoor temperature(°C DB/WD)													
		20.8/14		23.3/16		25.8/18		27/19		28.2/20		30.7/22		32/24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
110%	-5	16.6	2.34	19.8	2.92	23.0	3.48	24.6	3.74	26.2	4.02	28.2	4.18	28.9	4.31
	-2	16.6	2.39	19.8	2.96	23.0	3.51	24.6	3.78	26.2	4.05	28.2	4.22	28.9	4.33
	0	16.6	2.41	19.8	2.97	23.0	3.54	24.6	3.80	26.2	4.10	28.2	4.26	28.9	4.38
	2	16.6	2.47	19.8	3.00	23.0	3.59	24.6	3.84	26.2	4.14	28.2	4.32	28.9	4.44
	4	16.6	2.52	19.8	3.04	23.0	3.63	24.6	3.89	26.2	4.21	28.2	4.38	28.9	4.48
	6	16.6	2.54	19.8	3.07	23.0	3.66	24.6	3.95	26.2	4.25	28.2	4.43	28.9	4.55
	8	16.6	2.56	19.8	3.12	23.0	3.71	24.6	3.99	26.2	4.30	28.2	4.46	28.9	4.59
	10	16.6	2.59	19.8	3.16	23.0	3.76	24.6	4.06	26.2	4.37	28.2	4.49	28.9	4.63
	12	16.6	2.65	19.8	3.23	23.0	3.83	24.6	4.14	26.2	4.45	27.9	4.55	28.5	4.69
	14	16.6	2.69	19.8	3.28	23.0	3.90	24.6	4.22	26.2	4.54	27.5	4.59	28.2	4.73
	16	16.6	2.74	19.8	3.35	23.0	3.98	24.6	4.30	26.2	4.63	27.2	4.65	27.8	4.78
	18	16.6	2.80	19.8	3.41	23.0	4.06	24.6	4.42	26.2	4.85	26.8	4.88	27.4	4.93
	20	16.6	2.85	19.8	3.48	23.0	4.30	24.6	4.75	25.8	5.09	26.5	5.12	27.0	5.17
	21	16.6	2.88	19.8	3.58	23.0	4.45	24.6	4.92	25.7	5.21	26.2	5.24	26.9	5.29
	23	16.6	3.02	19.8	3.84	23.0	4.78	24.6	5.28	25.3	5.43	25.9	5.49	26.5	5.54
	25	16.6	3.22	19.8	4.11	23.0	5.10	24.6	5.65	25.0	5.67	25.5	5.73	26.2	5.77
	27	16.6	3.43	19.8	4.39	23.0	5.46	24.2	5.89	24.6	5.91	25.2	5.97	25.8	6.02
	29	16.6	3.66	19.8	4.68	23.0	5.84	23.9	6.13	24.2	6.16	24.8	6.21	25.4	6.27
	31	16.6	3.89	19.8	5.00	23.0	6.23	23.5	6.37	23.8	6.40	24.5	6.45	25.0	6.52
	33	16.6	4.14	19.8	5.33	22.9	6.57	23.2	6.61	23.5	6.64	24.1	6.70	24.7	6.76
	35	16.6	4.41	19.8	5.67	22.5	6.81	22.8	6.85	23.1	6.88	23.7	6.95	24.3	7.01
	37	16.6	4.69	19.8	6.04	22.2	7.06	22.5	7.08	22.7	7.12	23.4	7.19	23.9	7.26
	39	16.6	4.99	19.8	6.43	21.8	7.30	22.1	7.33	22.4	7.37	23.0	7.44	23.6	7.52
	41	16.6	5.04	19.8	6.49	21.6	7.35	21.9	7.38	22.2	7.42	22.7	7.49	22.9	7.57
	43	16.6	5.09	19.8	6.57	21.4	7.40	21.7	7.44	22.1	7.47	22.5	7.52	22.5	7.72
	45	16.6	5.25	19.8	6.61	21.2	7.47	21.5	7.52	21.9	7.54	22.2	7.73	22.3	7.90
100%	-5	15.1	2.14	18.0	2.57	21.0	3.06	22.4	3.28	23.8	3.56	26.8	4.05	28.3	4.23
	-2	15.1	2.16	18.0	2.60	21.0	3.09	22.4	3.34	23.8	3.60	26.8	4.10	28.3	4.26
	0	15.1	2.18	18.0	2.63	21.0	3.13	22.4	3.38	23.8	3.64	26.8	4.17	28.3	4.30
	2	15.1	2.23	18.0	2.67	21.0	3.16	22.4	3.42	23.8	3.68	26.8	4.23	28.3	4.37
	4	15.1	2.24	18.0	2.69	21.0	3.21	22.4	3.47	23.8	3.73	26.8	4.27	28.3	4.42
	6	15.1	2.27	18.0	2.75	21.0	3.25	22.4	3.54	23.8	3.78	26.8	4.33	28.3	4.49
	8	15.1	2.32	18.0	2.79	21.0	3.31	22.4	3.58	23.8	3.84	26.8	4.40	28.3	4.56
	10	15.1	2.35	18.0	2.84	21.0	3.36	22.4	3.64	23.8	3.91	26.8	4.47	28.3	4.63
	12	15.1	2.38	18.0	2.90	21.0	3.43	22.4	3.70	23.8	3.99	26.8	4.55	27.9	4.66
	14	15.1	2.43	18.0	2.95	21.0	3.49	22.4	3.78	23.8	4.06	26.8	4.65	27.6	4.72
	16	15.1	2.47	18.0	3.01	21.0	3.57	22.4	3.85	23.8	4.14	26.6	4.70	27.2	4.77
	18	15.1	2.52	18.0	3.06	21.0	3.63	22.4	3.92	23.8	4.22	26.3	4.86	26.9	4.89
	20	15.1	2.57	18.0	3.13	21.0	3.74	22.4	4.12	23.8	4.53	25.9	5.09	26.5	5.13
	21	15.1	2.59	18.0	3.15	21.0	3.88	22.4	4.27	23.8	4.68	25.8	5.21	26.3	5.25
	23	15.1	2.66	18.0	3.36	21.0	4.15	22.4	4.57	23.8	5.02	25.4	5.44	25.9	5.49
	25	15.1	2.83	18.0	3.59	21.0	4.44	22.4	4.90	23.8	5.38	25.0	5.68	25.6	5.73
	27	15.1	3.02	18.0	3.83	21.0	4.75	22.4	5.24	23.8	5.76	24.6	5.92	25.2	5.98
	29	15.1	3.22	18.0	4.09	21.0	5.07	22.4	5.60	23.8	6.11	24.3	6.17	24.9	6.21
	31	15.1	3.43	18.0	4.36	21.0	5.41	22.4	5.98	23.4	6.35	23.9	6.41	24.5	6.46
	33	15.1	3.64	18.0	4.65	21.0	5.76	22.4	6.38	23.0	6.59	23.6	6.64	24.2	6.71
	35	15.1	3.87	18.0	4.94	21.0	6.15	22.4	6.80	22.6	6.83	23.2	6.89	23.8	6.95
	37	15.1	4.11	18.0	5.26	21.0	6.55	22.0	7.04	22.3	7.07	22.9	7.14	23.4	7.19
	39	15.1	4.37	18.0	5.59	21.0	6.97	21.7	7.28	21.9	7.31	22.5	7.38	23.0	7.45
	41	15.1	4.58	18.0	5.79	21.0	7.23	21.3	7.33	21.8	7.43	22.1	7.55	22.7	7.60
	43	15.1	4.78	18.0	6.00	21.0	7.36	21.0	7.41	21.6	7.50	22.2	7.60	22.3	7.69
	45	15.1	5.05	18.0	6.27	21.0	7.49	20.6	7.51	21.5	7.63	22.0	7.72	21.9	7.79

Cooling capacity tables**MDV-V224W/DRN1**

TC: Total Capacity (kW); PI: Power Input (kW) (Compressor + Outdoor fan motor)

Combination (%)	Outdoor temp. (°C)	Indoor temperature(°C DB/WD)													
		20.8/14		23.3/16		25.8/18		27/19		28.2/20		30.7/22		32/24	
		TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
90%	-5	13.6	1.89	16.2	2.27	18.9	2.67	20.2	2.92	21.4	3.10	24.1	3.57	26.7	4.08
	-2	13.6	1.91	16.2	2.29	18.9	2.71	20.2	2.96	21.4	3.14	24.1	3.60	26.7	4.13
	0	13.6	1.93	16.2	2.32	18.9	2.75	20.2	2.99	21.4	3.18	24.1	3.64	26.7	4.16
	2	13.6	1.96	16.2	2.35	18.9	2.78	20.2	3.04	21.4	3.23	24.1	3.72	26.7	4.22
	4	13.6	1.99	16.2	2.38	18.9	2.82	20.2	3.08	21.4	3.27	24.1	3.78	26.7	4.28
	6	13.6	2.02	16.2	2.43	18.9	2.88	20.2	3.14	21.4	3.33	24.1	3.84	26.7	4.35
	8	13.6	2.06	16.2	2.48	18.9	2.93	20.2	3.18	21.4	3.39	24.1	3.91	26.7	4.39
	10	13.6	2.10	16.2	2.53	18.9	2.99	20.2	3.23	21.4	3.46	24.1	3.96	26.7	4.46
	12	13.6	2.14	16.2	2.57	18.9	3.04	20.2	3.28	21.4	3.53	24.1	4.03	26.7	4.55
	14	13.6	2.17	16.2	2.62	18.9	3.10	20.2	3.34	21.4	3.59	24.1	4.11	26.7	4.63
	16	13.6	2.21	16.2	2.67	18.9	3.16	20.2	3.41	21.4	3.67	24.1	4.19	26.6	4.71
	18	13.6	2.24	16.2	2.72	18.9	3.22	20.2	3.47	21.4	3.74	24.1	4.27	26.3	4.86
	20	13.6	2.29	16.2	2.78	18.9	3.28	20.2	3.55	21.4	3.88	24.1	4.59	25.9	5.09
	21	13.6	2.31	16.2	2.80	18.9	3.34	20.2	3.67	21.4	4.01	24.1	4.76	25.8	5.21
	23	13.6	2.36	16.2	2.91	18.9	3.57	20.2	3.93	21.4	4.31	24.1	5.10	25.4	5.44
	25	13.6	2.48	16.2	3.12	18.9	3.82	20.2	4.21	21.4	4.60	24.1	5.46	25.0	5.68
	27	13.6	2.64	16.2	3.32	18.9	4.08	20.2	4.49	21.4	4.92	24.1	5.85	24.6	5.92
	29	13.6	2.81	16.2	3.54	18.9	4.35	20.2	4.79	21.4	5.26	23.8	6.11	24.3	6.16
	31	13.6	2.99	16.2	3.77	18.9	4.64	20.2	5.11	21.4	5.61	23.4	6.35	23.9	6.41
	33	13.6	3.17	16.2	4.00	18.9	4.95	20.2	5.45	21.4	5.98	23.1	6.60	23.6	6.64
80%	35	13.6	3.37	16.2	4.26	18.9	5.27	20.2	5.81	21.4	6.38	22.7	6.84	23.2	6.89
	37	13.6	3.57	16.2	4.53	18.9	5.61	20.2	6.19	21.4	6.80	22.3	7.07	22.9	7.13
	39	13.6	3.79	16.2	4.82	18.9	5.97	20.2	6.59	21.4	7.24	22.0	7.32	22.5	7.38
	41	13.6	3.92	16.2	5.04	18.9	6.18	20.2	6.76	21.4	7.28	21.8	7.51	22.3	7.55
	43	13.6	4.11	16.2	5.26	18.9	6.40	20.2	6.94	21.4	7.44	21.7	7.61	22.1	7.67
	45	13.6	4.37	16.2	5.52	18.9	6.66	20.2	7.17	21.4	7.65	21.6	7.69	21.8	7.77
	-5	12.1	1.66	14.4	1.97	16.7	2.33	17.9	2.48	19.1	2.67	21.4	3.08	23.8	3.52
	-2	12.1	1.69	14.4	1.99	16.7	2.35	17.9	2.52	19.1	2.69	21.4	3.11	23.8	3.55
	0	12.1	1.72	14.4	2.02	16.7	2.38	17.9	2.54	19.1	2.74	21.4	3.16	23.8	3.60
	2	12.1	1.75	14.4	2.05	16.7	2.41	17.9	2.59	19.1	2.79	21.4	3.22	23.8	3.67
	4	12.1	1.78	14.4	2.08	16.7	2.46	17.9	2.65	19.1	2.84	21.4	3.28	23.8	3.72
	6	12.1	1.81	14.4	2.13	16.7	2.50	17.9	2.71	19.1	2.89	21.4	3.33	23.8	3.78
	8	12.1	1.85	14.4	2.18	16.7	2.55	17.9	2.76	19.1	2.96	21.4	3.38	23.8	3.86
	10	12.1	1.86	14.4	2.23	16.7	2.62	17.9	2.82	19.1	3.02	21.4	3.46	23.8	3.90
	12	12.1	1.89	14.4	2.26	16.7	2.67	17.9	2.88	19.1	3.09	21.4	3.52	23.8	3.97
	14	12.1	1.92	14.4	2.31	16.7	2.71	17.9	2.92	19.1	3.14	21.4	3.58	23.8	4.04
	16	12.1	1.95	14.4	2.35	16.7	2.77	17.9	2.98	19.1	3.20	21.4	3.66	23.8	4.11
	18	12.1	1.99	14.4	2.39	16.7	2.82	17.9	3.04	19.1	3.26	21.4	3.73	23.8	4.20
	20	12.1	2.03	14.4	2.44	16.7	2.88	17.9	3.10	19.1	3.33	21.4	3.87	23.8	4.49
	21	12.1	2.04	14.4	2.46	16.7	2.91	17.9	3.13	19.1	3.40	21.4	4.01	23.8	4.66
	23	12.1	2.08	14.4	2.51	16.7	3.04	17.9	3.34	19.1	3.64	21.4	4.29	23.8	4.99
	25	12.1	2.14	14.4	2.67	16.7	3.25	17.9	3.57	19.1	3.89	21.4	4.59	23.8	5.34
	27	12.1	2.28	14.4	2.84	16.7	3.46	17.9	3.80	19.1	4.15	21.4	4.90	23.8	5.72
	29	12.1	2.43	14.4	3.02	16.7	3.69	17.9	4.05	19.1	4.44	21.4	5.23	23.8	6.11
	31	12.1	2.58	14.4	3.22	16.7	3.93	17.9	4.32	19.1	4.73	21.4	5.59	23.4	6.35
	33	12.1	2.74	14.4	3.42	16.7	4.19	17.9	4.60	19.1	5.03	21.4	5.96	23.0	6.59
	35	12.1	2.91	14.4	3.64	16.7	4.45	17.9	4.89	19.1	5.36	21.4	6.35	22.6	6.83
	37	12.1	3.08	14.4	3.86	16.7	4.74	17.9	5.21	19.1	5.71	21.4	6.77	22.3	7.07
	39	12.1	3.26	14.4	4.11	16.7	5.04	17.9	5.54	19.1	6.08	21.4	7.21	21.9	7.31
	41	12.1	3.34	14.4	4.15	16.7	5.11	17.9	5.69	19.1	6.19	21.4	7.40	21.8	7.44
	43	12.1	3.43	14.4	4.19	16.7	5.19	17.9	5.79	19.1	6.27	21.4	7.48	21.7	7.52
	45	12.1	3.53	14.4	4.24	16.7	5.29	17.9	5.91	19.1	6.38	21.4	7.56	21.4	7.65

Cooling capacity tables**MDV-V224W/DRN1**

TC: Total Capacity (kW); PI: Power Input (kW) (Compressor + Outdoor fan motor)

Combination (%)	Outdoor temp. (°C)	Indoor temperature(°C DB/WD)													
		20.8/14		23.3/16		25.8/18		27/19		28.2/20		30.7/22		32/24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70%	-5	10.6	1.49	12.6	1.74	14.6	1.97	15.7	2.12	16.7	2.26	18.7	2.58	20.8	2.97
	-2	10.6	1.50	12.6	1.75	14.6	1.99	15.7	2.16	16.7	2.30	18.7	2.62	20.8	3.01
	0	10.6	1.51	12.6	1.77	14.6	2.03	15.7	2.20	16.7	2.34	18.7	2.68	20.8	3.05
	2	10.6	1.51	12.6	1.78	14.6	2.06	15.7	2.24	16.7	2.38	18.7	2.73	20.8	3.10
	4	10.6	1.53	12.6	1.83	14.6	2.10	15.7	2.28	16.7	2.43	18.7	2.78	20.8	3.17
	6	10.6	1.56	12.6	1.86	14.6	2.16	15.7	2.35	16.7	2.49	18.7	2.83	20.8	3.23
	8	10.6	1.59	12.6	1.91	14.6	2.21	15.7	2.39	16.7	2.54	18.7	2.91	20.8	3.30
	10	10.6	1.62	12.6	1.94	14.6	2.26	15.7	2.44	16.7	2.61	18.7	2.97	20.8	3.34
	12	10.6	1.66	12.6	1.97	14.6	2.31	15.7	2.48	16.7	2.66	18.7	3.02	20.8	3.40
	14	10.6	1.69	12.6	2.01	14.6	2.35	15.7	2.52	16.7	2.70	18.7	3.08	20.8	3.46
	16	10.6	1.71	12.6	2.04	14.6	2.39	15.7	2.58	16.7	2.76	18.7	3.13	20.8	3.53
	18	10.6	1.74	12.6	2.08	14.6	2.44	15.7	2.62	16.7	2.80	18.7	3.20	20.8	3.60
	20	10.6	1.77	12.6	2.12	14.6	2.48	15.7	2.67	16.7	2.86	18.7	3.26	20.8	3.70
	21	10.6	1.79	12.6	2.14	14.6	2.50	15.7	2.69	16.7	2.89	18.7	3.31	20.8	3.83
	23	10.6	1.81	12.6	2.17	14.6	2.56	15.7	2.79	16.7	3.03	18.7	3.55	20.8	4.11
	25	10.6	1.85	12.6	2.26	14.6	2.72	15.7	2.98	16.7	3.23	18.7	3.79	20.8	4.39
	27	10.6	1.96	12.6	2.41	14.6	2.91	15.7	3.17	16.7	3.46	18.7	4.05	20.8	4.69
	29	10.6	2.08	12.6	2.56	14.6	3.09	15.7	3.38	16.7	3.68	18.7	4.32	20.8	5.01
	31	10.6	2.20	12.6	2.71	14.6	3.29	15.7	3.59	16.7	3.91	18.7	4.60	20.8	5.34
	33	10.6	2.34	12.6	2.89	14.6	3.50	15.7	3.82	16.7	4.17	18.7	4.90	20.8	5.70
	35	10.6	2.47	12.6	3.06	14.6	3.71	15.7	4.07	16.7	4.44	18.7	5.22	20.8	6.08
	37	10.6	2.61	12.6	3.24	14.6	3.95	15.7	4.32	16.7	4.72	18.7	5.56	20.8	6.47
	39	10.6	2.77	12.6	3.44	14.6	4.19	15.7	4.59	16.7	5.01	18.7	5.91	20.8	6.89
	41	10.6	2.89	12.6	3.56	14.6	4.31	15.7	4.74	16.7	5.17	18.7	6.16	20.8	7.20
	43	10.6	3.13	12.6	3.80	14.6	4.49	15.7	5.00	16.7	5.32	18.7	6.38	20.8	7.42
	45	10.6	3.19	12.6	3.88	14.6	4.58	15.7	5.08	16.7	5.58	18.7	6.73	20.8	7.71
60%	-5	9.0	1.27	10.8	1.47	12.6	1.71	13.4	1.82	14.3	1.97	16.1	2.21	17.8	2.54
	-2	9.0	1.27	10.8	1.49	12.6	1.74	13.4	1.85	14.3	1.99	16.1	2.25	17.8	2.55
	0	9.0	1.29	10.8	1.51	12.6	1.77	13.4	1.87	14.3	2.02	16.1	2.28	17.8	2.59
	2	9.0	1.32	10.8	1.55	12.6	1.80	13.4	1.91	14.3	2.05	16.1	2.33	17.8	2.62
	4	9.0	1.35	10.8	1.58	12.6	1.83	13.4	1.93	14.3	2.08	16.1	2.36	17.8	2.66
	6	9.0	1.37	10.8	1.61	12.6	1.87	13.4	1.98	14.3	2.12	16.1	2.41	17.8	2.72
	8	9.0	1.39	10.8	1.63	12.6	1.90	13.4	2.01	14.3	2.17	16.1	2.45	17.8	2.76
	10	9.0	1.42	10.8	1.67	12.6	1.93	13.4	2.07	14.3	2.21	16.1	2.50	17.8	2.80
	12	9.0	1.45	10.8	1.70	12.6	1.97	13.4	2.11	14.3	2.24	16.1	2.55	17.8	2.85
	14	9.0	1.47	10.8	1.72	12.6	2.00	13.4	2.14	14.3	2.29	16.1	2.59	17.8	2.90
	16	9.0	1.48	10.8	1.75	12.6	2.03	13.4	2.18	14.3	2.33	16.1	2.64	17.8	2.96
	18	9.0	1.51	10.8	1.78	12.6	2.07	13.4	2.22	14.3	2.37	16.1	2.68	17.8	3.01
	20	9.0	1.53	10.8	1.81	12.6	2.11	13.4	2.26	14.3	2.42	16.1	2.74	17.8	3.08
	21	9.0	1.55	10.8	1.82	12.6	2.13	13.4	2.28	14.3	2.44	16.1	2.77	17.8	3.11
	23	9.0	1.57	10.8	1.86	12.6	2.16	13.4	2.33	14.3	2.48	16.1	2.88	17.8	3.31
	25	9.0	1.59	10.8	1.89	12.6	2.24	13.4	2.44	14.3	2.64	16.1	3.07	17.8	3.53
	27	9.0	1.66	10.8	2.01	12.6	2.39	13.4	2.60	14.3	2.81	16.1	3.27	17.8	3.77
	29	9.0	1.75	10.8	2.13	12.6	2.55	13.4	2.77	14.3	3.00	16.1	3.49	17.8	4.02
	31	9.0	1.86	10.8	2.25	12.6	2.70	13.4	2.94	14.3	3.19	16.1	3.71	17.8	4.28
	33	9.0	1.96	10.8	2.39	12.6	2.87	13.4	3.12	14.3	3.39	16.1	3.95	17.8	4.56
	35	9.0	2.08	10.8	2.54	12.6	3.04	13.4	3.32	14.3	3.60	16.1	4.21	17.8	4.86
	37	9.0	2.20	10.8	2.68	12.6	3.23	13.4	3.52	14.3	3.82	16.1	4.47	17.8	5.17
	39	9.0	2.32	10.8	2.84	12.6	3.42	13.4	3.73	14.3	4.06	16.1	4.75	17.8	5.50
	41	9.0	2.39	10.8	2.96	12.6	3.54	13.4	3.88	14.3	4.21	16.1	4.97	17.8	5.75
	43	9.0	2.47	10.8	3.09	12.6	3.67	13.4	3.99	14.3	4.36	16.1	5.18	17.8	6.00
	45	9.0	2.58	10.8	3.24	12.6	3.82	13.4	4.14	14.3	4.57	16.1	5.41	17.8	6.33

Cooling capacity tables**MDV-V224W/DRN1**

TC: Total Capacity (kW); PI: Power Input (kW) (Compressor + Outdoor fan motor)

Combination (%)	Outdoor temp. (°C)	Indoor temperature(°C DB/WD)													
		20.8/14		23.3/16		25.8/18		27/19		28.2/20		30.7/22		32/24	
		TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
50%	-5	7.6	1.10	9.0	1.27	10.5	1.46	11.2	1.53	11.9	1.62	13.4	1.84	14.9	1.98
	-2	7.6	1.11	9.0	1.30	10.5	1.48	11.2	1.55	11.9	1.64	13.4	1.86	14.9	2.01
	0	7.6	1.13	9.0	1.32	10.5	1.50	11.2	1.57	11.9	1.66	13.4	1.89	14.9	2.04
	2	7.6	1.14	9.0	1.34	10.5	1.53	11.2	1.60	11.9	1.69	13.4	1.90	14.9	2.08
	4	7.6	1.15	9.0	1.36	10.5	1.55	11.2	1.62	11.9	1.73	13.4	1.95	14.9	2.13
	6	7.6	1.18	9.0	1.38	10.5	1.57	11.2	1.65	11.9	1.76	13.4	1.98	14.9	2.20
	8	7.6	1.20	9.0	1.40	10.5	1.60	11.2	1.69	11.9	1.78	13.4	2.01	14.9	2.27
	10	7.6	1.23	9.0	1.42	10.5	1.62	11.2	1.72	11.9	1.83	13.4	2.06	14.9	2.30
	12	7.6	1.24	9.0	1.44	10.5	1.65	11.2	1.75	11.9	1.87	13.4	2.10	14.9	2.34
	14	7.6	1.26	9.0	1.46	10.5	1.67	11.2	1.79	11.9	1.90	13.4	2.14	14.9	2.38
	16	7.6	1.27	9.0	1.48	10.5	1.70	11.2	1.81	11.9	1.92	13.4	2.17	14.9	2.42
	18	7.6	1.29	9.0	1.50	10.5	1.72	11.2	1.84	11.9	1.96	13.4	2.21	14.9	2.46
	20	7.6	1.31	9.0	1.52	10.5	1.75	11.2	1.87	11.9	2.00	13.4	2.25	14.9	2.51
	21	7.6	1.32	9.0	1.54	10.5	1.77	11.2	1.89	11.9	2.02	13.4	2.27	14.9	2.54
	23	7.6	1.34	9.0	1.56	10.5	1.80	11.2	1.92	11.9	2.05	13.4	2.31	14.9	2.59
	25	7.6	1.36	9.0	1.59	10.5	1.83	11.2	1.96	11.9	2.12	13.4	2.43	14.9	2.77
	27	7.6	1.38	9.0	1.65	10.5	1.93	11.2	2.09	11.9	2.25	13.4	2.58	14.9	2.95
	29	7.6	1.46	9.0	1.74	10.5	2.05	11.2	2.22	11.9	2.39	13.4	2.75	14.9	3.14
	31	7.6	1.54	9.0	1.84	10.5	2.17	11.2	2.36	11.9	2.54	13.4	2.92	14.9	3.34
	33	7.6	1.63	9.0	1.95	10.5	2.31	11.2	2.49	11.9	2.69	13.4	3.11	14.9	3.56
	35	7.6	1.72	9.0	2.06	10.5	2.44	11.2	2.64	11.9	2.85	13.4	3.30	14.9	3.78
	37	7.6	1.81	9.0	2.18	10.5	2.58	11.2	2.79	11.9	3.02	13.4	3.50	14.9	4.01
	39	7.6	1.92	9.0	2.30	10.5	2.73	11.2	2.96	11.9	3.21	13.4	3.71	14.9	4.26
	41	7.6	1.99	9.0	2.40	10.5	2.83	11.2	3.10	11.9	3.35	13.4	3.91	14.9	4.46
	43	7.6	2.13	9.0	2.56	10.5	2.93	11.2	3.24	11.9	3.43	13.4	4.11	14.9	4.66
	45	7.6	2.17	9.0	2.63	10.5	3.13	11.2	3.49	11.9	3.58	13.4	4.50	14.9	5.05

Cooling capacity tables**MDV-V260W/DRN1**

TC: Total Capacity (kW); PI: Power Input (kW) (Compressor + Outdoor fan motor)

Combination (%)	Outdoor temp. (°C)	Indoor temperature(°C DB/WD)													
		20.8/14		23.3/16		25.8/18		27/19		28.2/20		30.7/22		32/24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130%	-5	22.8	3.11	27.2	3.79	31.6	4.06	32.8	4.23	34.4	4.35	35.2	4.73	36.1	4.76
	-2	22.8	3.11	27.2	3.87	31.6	4.06	32.8	4.25	34.4	4.35	35.2	4.79	36.1	4.81
	0	22.8	3.16	27.2	3.93	31.6	4.21	32.8	4.49	34.4	4.60	35.2	4.85	36.1	4.87
	2	22.8	3.22	27.2	3.94	31.6	4.36	32.8	4.74	34.4	4.66	35.2	4.88	36.1	4.94
	4	22.8	3.29	27.2	4.02	31.6	4.51	32.8	4.76	34.4	4.72	35.2	4.88	36.1	5.04
	6	22.8	3.35	27.2	4.10	31.6	4.68	32.8	4.80	34.0	4.86	34.8	4.88	35.7	5.08
	8	22.8	3.43	27.2	4.19	31.6	4.91	32.8	5.04	33.6	5.02	34.4	3.90	35.2	5.12
	10	22.8	3.50	27.2	4.28	31.6	5.09	32.8	5.20	33.1	4.04	34.0	4.06	34.8	5.27
	12	22.8	3.56	27.2	4.36	31.6	5.19	32.3	4.03	32.8	4.06	33.5	4.07	34.4	5.31
	14	22.8	3.64	27.2	4.45	31.5	4.05	31.9	4.06	32.3	4.08	33.1	4.09	34.0	5.43
	16	22.8	3.70	27.2	4.54	31.1	4.06	31.5	4.08	31.8	4.10	32.7	4.12	33.5	5.51
	18	22.8	3.77	27.2	4.63	30.6	5.43	31.0	5.46	31.5	5.49	32.3	5.54	33.1	5.59
	20	22.8	3.85	27.2	4.93	30.2	5.70	30.6	5.73	31.0	5.76	31.8	5.81	32.7	5.87
	21	22.8	3.95	27.2	5.10	30.0	5.83	30.5	5.86	30.8	5.89	31.7	5.95	32.5	6.00
	23	22.8	4.24	27.2	5.47	29.6	6.09	30.0	6.13	30.4	6.16	31.2	6.22	32.0	6.28
	25	22.8	4.53	27.2	5.86	29.2	6.36	29.5	6.39	30.0	6.43	30.8	6.49	31.7	6.56
	27	22.8	4.83	27.2	6.27	28.8	6.63	29.2	6.67	29.5	6.70	30.4	6.77	31.2	6.84
	29	22.8	5.16	27.2	6.70	28.3	6.89	28.7	6.93	29.2	6.98	30.0	7.05	30.8	7.12
	31	22.8	5.51	27.1	7.09	27.9	7.17	28.3	7.21	28.7	7.24	29.5	7.32	30.4	7.41
	33	22.8	5.87	26.6	7.35	27.5	7.44	27.9	7.48	28.3	7.52	29.2	7.60	29.9	7.68
	35	22.8	6.26	26.2	7.62	27.0	7.71	27.5	7.75	27.9	7.80	28.7	7.89	29.5	7.97
120%	37	22.8	6.66	25.8	7.90	26.6	7.99	27.0	8.03	27.5	8.08	28.2	8.17	29.1	8.27
	39	22.8	7.09	25.3	7.98	26.2	8.26	26.6	8.31	27.0	8.36	27.9	8.45	28.7	8.55
	41	22.8	7.46	25.1	8.06	25.9	8.33	26.4	8.38	26.7	8.44	27.6	8.47	27.6	8.63
	43	22.8	7.65	24.9	8.10	25.8	8.36	26.2	8.42	26.5	8.45	27.1	8.48	27.3	8.65
	45	22.8	8.03	24.7	8.17	25.5	8.43	26.0	8.48	26.1	8.49	26.3	8.51	26.7	8.81
	-5	21.1	3.00	25.1	3.63	29.2	4.30	31.2	4.69	32.7	4.89	33.4	5.04	34.2	5.18
	-2	21.1	3.03	25.1	3.67	29.2	4.34	31.2	4.71	32.7	4.94	33.4	5.08	34.2	5.19
	0	21.1	3.06	25.1	3.70	29.2	4.39	31.2	4.73	32.7	4.99	33.4	5.11	34.2	5.20
	2	21.1	3.07	25.1	3.74	29.2	4.42	31.2	4.77	32.7	5.01	33.4	5.15	34.2	5.21
	4	21.1	3.10	25.1	3.78	29.2	4.48	31.2	4.81	32.7	5.07	33.4	5.16	34.2	5.23
	6	21.1	3.13	25.1	3.81	29.2	4.54	31.2	4.87	32.7	5.13	33.4	5.21	34.2	5.25
	8	21.1	3.16	25.1	3.85	29.2	4.60	31.2	4.93	32.7	5.18	33.4	5.22	34.2	5.27
	10	21.1	3.20	25.1	3.90	29.2	4.64	31.2	5.02	32.7	5.18	33.4	5.24	34.2	5.29
	12	21.1	3.26	25.1	3.97	29.2	4.73	31.2	5.11	32.2	5.21	33.0	5.21	33.7	5.33
	14	21.1	3.32	25.1	4.06	29.2	4.82	31.2	5.21	31.8	5.24	32.6	5.29	33.3	5.39
	16	21.1	3.38	25.1	4.14	29.2	4.92	31.0	4.10	31.4	5.31	32.1	5.38	32.9	5.47
	18	21.1	3.44	25.1	4.22	29.2	5.08	30.6	5.43	30.9	5.45	31.7	5.50	32.5	5.55
	20	21.1	3.51	25.1	4.38	29.2	5.47	30.2	5.70	30.6	5.72	31.3	5.77	32.0	5.82
	21	21.1	3.54	25.1	4.54	29.2	5.66	29.9	5.83	30.3	5.85	31.1	5.90	31.9	5.96
	23	21.1	3.79	25.1	4.86	29.2	6.06	29.5	6.08	29.9	6.12	30.6	6.18	31.4	6.23
	25	21.1	4.05	25.1	5.20	28.7	6.33	29.1	6.35	29.4	6.38	30.3	6.44	31.0	6.50
	27	21.1	4.32	25.1	5.56	28.3	6.59	28.7	6.63	29.1	6.66	29.8	6.72	30.6	6.78
	29	21.1	4.61	25.1	5.94	27.9	6.85	28.2	6.89	28.6	6.92	29.3	7.00	30.2	7.06
	31	21.1	4.92	25.1	6.34	27.4	7.13	27.9	7.16	28.2	7.20	29.0	7.27	29.7	7.34
	33	21.1	5.23	25.1	6.76	27.0	7.40	27.4	7.44	27.8	7.47	28.5	7.55	29.2	7.62
	35	21.1	5.57	25.1	7.21	26.6	7.66	26.9	7.70	27.4	7.74	28.1	7.83	28.9	7.91
	37	21.1	5.93	25.1	7.68	26.2	7.94	26.6	7.98	26.9	8.02	27.7	8.10	28.4	8.19
	39	21.1	6.31	25.0	8.11	25.7	8.20	26.1	8.26	26.5	8.30	27.3	8.39	28.0	8.47
	41	21.1	6.48	24.8	8.17	25.5	8.26	25.9	8.31	26.3	8.35	27.1	8.41	27.2	8.53
	43	21.1	6.58	24.6	8.23	25.3	8.31	25.7	8.34	26.1	8.38	26.6	8.44	26.8	8.71
	45	21.1	6.66	24.5	8.30	25.1	8.39	25.4	8.42	25.8	8.45	26.1	8.46	26.5	8.89

Cooling capacity tables**MDV-V260W/DRN1**

TC: Total Capacity (kW); PI: Power Input (kW) (Compressor + Outdoor fan motor)

Combination (%)	Outdoor temp. (°C)	Indoor temperature(°C DB/WD)													
		20.8/14		23.3/16		25.8/18		27/19		28.2/20		30.7/22		32/24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110%	-5	19.3	2.62	23.0	3.26	26.7	3.89	28.6	4.18	30.5	4.50	32.8	4.67	33.5	4.81
	-2	19.3	2.67	23.0	3.30	26.7	3.93	28.6	4.22	30.5	4.53	32.8	4.71	33.5	4.84
	0	19.3	2.70	23.0	3.32	26.7	3.96	28.6	4.25	30.5	4.58	32.8	4.76	33.5	4.90
	2	19.3	2.76	23.0	3.35	26.7	4.02	28.6	4.29	30.5	4.63	32.8	4.83	33.5	4.96
	4	19.3	2.81	23.0	3.39	26.7	4.06	28.6	4.35	30.5	4.70	32.8	4.90	33.5	5.00
	6	19.3	2.84	23.0	3.43	26.7	4.09	28.6	4.42	30.5	4.75	32.8	4.95	33.5	5.08
	8	19.3	2.86	23.0	3.49	26.7	4.14	28.6	4.46	30.5	4.81	32.8	4.98	33.5	5.13
	10	19.3	2.90	23.0	3.53	26.7	4.20	28.6	4.54	30.5	4.89	32.8	5.02	33.5	5.18
	12	19.3	2.96	23.0	3.61	26.7	4.28	28.6	4.63	30.5	4.98	32.4	5.09	33.1	5.25
	14	19.3	3.01	23.0	3.67	26.7	4.36	28.6	4.71	30.5	5.07	31.9	5.13	32.7	5.28
	16	19.3	3.06	23.0	3.74	26.7	4.45	28.6	4.80	30.5	5.17	31.6	5.19	32.2	5.34
	18	19.3	3.12	23.0	3.81	26.7	4.54	28.6	4.94	30.5	5.42	31.1	5.46	31.9	5.51
	20	19.3	3.19	23.0	3.89	26.7	4.80	28.6	5.31	30.0	5.69	30.7	5.73	31.4	5.78
	21	19.3	3.22	23.0	4.00	26.7	4.98	28.6	5.50	29.8	5.82	30.5	5.86	31.2	5.91
	23	19.3	3.37	23.0	4.29	26.7	5.34	28.6	5.90	29.3	6.07	30.1	6.13	30.7	6.19
	25	19.3	3.60	23.0	4.59	26.7	5.71	28.6	6.32	29.0	6.34	29.6	6.40	30.4	6.45
	27	19.3	3.83	23.0	4.91	26.7	6.11	28.1	6.59	28.5	6.61	29.3	6.67	29.9	6.73
	29	19.3	4.09	23.0	5.23	26.7	6.52	27.8	6.85	28.1	6.88	28.8	6.94	29.5	7.01
	31	19.3	4.35	23.0	5.58	26.7	6.97	27.3	7.12	27.7	7.15	28.4	7.21	29.1	7.28
	33	19.3	4.63	23.0	5.95	26.6	7.34	26.9	7.39	27.3	7.42	28.0	7.49	28.7	7.56
100%	35	19.3	4.93	23.0	6.34	26.1	7.61	26.5	7.65	26.8	7.69	27.5	7.76	28.2	7.84
	37	19.3	5.24	23.0	6.75	25.7	7.89	26.1	7.92	26.4	7.96	27.1	8.04	27.8	8.11
	39	19.3	5.57	23.0	7.19	25.3	8.15	25.6	8.19	26.0	8.24	26.7	8.32	27.4	8.40
	41	19.3	5.63	23.0	7.25	25.1	8.21	25.4	8.25	25.8	8.29	26.3	8.37	26.6	8.46
	43	19.3	5.69	23.0	7.34	24.9	8.27	25.2	8.31	25.6	8.35	26.1	8.41	26.2	8.63
	45	19.3	5.87	23.0	7.38	24.6	8.34	25.0	8.41	25.4	8.43	25.8	8.63	25.9	8.83
	-5	17.6	2.39	20.9	2.87	24.3	3.42	26.0	3.66	27.7	3.97	31.1	4.53	32.9	4.73
	-2	17.6	2.42	20.9	2.91	24.3	3.46	26.0	3.73	27.7	4.03	31.1	4.58	32.9	4.76
	0	17.6	2.44	20.9	2.94	24.3	3.50	26.0	3.78	27.7	4.07	31.1	4.66	32.9	4.81
	2	17.6	2.49	20.9	2.98	24.3	3.53	26.0	3.83	27.7	4.11	31.1	4.73	32.9	4.89
	4	17.6	2.51	20.9	3.01	24.3	3.59	26.0	3.88	27.7	4.16	31.1	4.77	32.9	4.94
	6	17.6	2.54	20.9	3.07	24.3	3.63	26.0	3.95	27.7	4.23	31.1	4.84	32.9	5.02
	8	17.6	2.59	20.9	3.12	24.3	3.70	26.0	4.00	27.7	4.29	31.1	4.92	32.9	5.10
	10	17.6	2.62	20.9	3.18	24.3	3.76	26.0	4.07	27.7	4.37	31.1	5.00	32.9	5.17
	12	17.6	2.66	20.9	3.24	24.3	3.83	26.0	4.14	27.7	4.46	31.1	5.09	32.4	5.21
	14	17.6	2.71	20.9	3.30	24.3	3.90	26.0	4.22	27.7	4.54	31.1	5.19	32.0	5.28
	16	17.6	2.77	20.9	3.36	24.3	3.98	26.0	4.30	27.7	4.63	30.9	5.25	31.6	5.34
	18	17.6	2.82	20.9	3.42	24.3	4.06	26.0	4.38	27.7	4.72	30.6	5.43	31.2	5.47
	20	17.6	2.87	20.9	3.49	24.3	4.18	26.0	4.61	27.7	5.06	30.1	5.68	30.7	5.74
	21	17.6	2.90	20.9	3.52	24.3	4.33	26.0	4.77	27.7	5.23	29.9	5.82	30.6	5.87
	23	17.6	2.97	20.9	3.76	24.3	4.64	26.0	5.11	27.7	5.61	29.5	6.08	30.1	6.14
	25	17.6	3.16	20.9	4.02	24.3	4.97	26.0	5.48	27.7	6.01	29.1	6.35	29.7	6.40
	27	17.6	3.38	20.9	4.28	24.3	5.31	26.0	5.86	27.7	6.43	28.6	6.62	29.3	6.68
	29	17.6	3.59	20.9	4.57	24.3	5.66	26.0	6.26	27.6	6.83	28.2	6.89	28.9	6.94
	31	17.6	3.83	20.9	4.88	24.3	6.04	26.0	6.68	27.2	7.10	27.8	7.16	28.4	7.22
	33	17.6	4.07	20.9	5.19	24.3	6.44	26.0	7.13	26.7	7.36	27.4	7.43	28.0	7.50
	35	17.6	4.32	20.9	5.52	24.3	6.87	26.0	7.60	26.3	7.63	26.9	7.70	27.6	7.76
	37	17.6	4.60	20.9	5.88	24.3	7.32	25.5	7.87	25.9	7.91	26.6	7.98	27.1	8.04
	39	17.6	4.89	20.9	6.25	24.3	7.79	25.2	8.13	25.4	8.17	26.1	8.25	26.7	8.33
	41	17.6	5.11	20.9	6.48	24.3	8.08	24.8	8.19	25.2	8.30	25.6	8.44	26.4	8.50
	43	17.6	5.34	20.9	6.70	24.3	8.23	24.4	8.28	25.1	8.38	25.8	8.49	25.9	8.59
	45	17.6	5.65	20.9	7.01	24.3	8.37	23.9	8.40	24.9	8.53	25.6	8.63	25.4	8.71

Cooling capacity tables**MDV-V260W/DRN1**

TC: Total Capacity (kW); PI: Power Input (kW) (Compressor + Outdoor fan motor)

Combination (%)	Outdoor temp. (°C)	Indoor temperature(°C DB/WD)													
		20.8/14		23.3/16		25.8/18		27/19		28.2/20		30.7/22		32/24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90%	-5	15.8	2.11	18.9	2.53	21.9	2.99	23.4	3.26	24.9	3.47	27.9	3.99	31.0	4.57
	-2	15.8	2.13	18.9	2.56	21.9	3.03	23.4	3.31	24.9	3.51	27.9	4.03	31.0	4.61
	0	15.8	2.16	18.9	2.59	21.9	3.07	23.4	3.34	24.9	3.55	27.9	4.07	31.0	4.65
	2	15.8	2.19	18.9	2.62	21.9	3.10	23.4	3.40	24.9	3.61	27.9	4.16	31.0	4.71
	4	15.8	2.23	18.9	2.66	21.9	3.16	23.4	3.44	24.9	3.66	27.9	4.22	31.0	4.78
	6	15.8	2.26	18.9	2.71	21.9	3.21	23.4	3.51	24.9	3.72	27.9	4.29	31.0	4.86
	8	15.8	2.30	18.9	2.77	21.9	3.28	23.4	3.55	24.9	3.79	27.9	4.37	31.0	4.91
	10	15.8	2.35	18.9	2.83	21.9	3.34	23.4	3.61	24.9	3.87	27.9	4.42	31.0	4.99
	12	15.8	2.39	18.9	2.88	21.9	3.40	23.4	3.67	24.9	3.94	27.9	4.51	31.0	5.08
	14	15.8	2.43	18.9	2.93	21.9	3.46	23.4	3.74	24.9	4.01	27.9	4.59	31.0	5.17
	16	15.8	2.47	18.9	2.98	21.9	3.53	23.4	3.81	24.9	4.10	27.9	4.68	30.9	5.26
	18	15.8	2.51	18.9	3.04	21.9	3.59	23.4	3.88	24.9	4.18	27.9	4.77	30.6	5.43
	20	15.8	2.56	18.9	3.11	21.9	3.67	23.4	3.96	24.9	4.33	27.9	5.13	30.1	5.68
	21	15.8	2.58	18.9	3.13	21.9	3.73	23.4	4.10	24.9	4.49	27.9	5.32	29.9	5.82
	23	15.8	2.63	18.9	3.26	21.9	3.99	23.4	4.39	24.9	4.81	27.9	5.70	29.4	6.08
	25	15.8	2.78	18.9	3.48	21.9	4.27	23.4	4.70	24.9	5.14	27.9	6.10	29.1	6.35
	27	15.8	2.95	18.9	3.71	21.9	4.56	23.4	5.02	24.9	5.50	27.9	6.53	28.6	6.62
	29	15.8	3.14	18.9	3.95	21.9	4.86	23.4	5.36	24.9	5.88	27.7	6.83	28.2	6.88
	31	15.8	3.34	18.9	4.21	21.9	5.18	23.4	5.71	24.9	6.27	27.2	7.10	27.8	7.16
	33	15.8	3.54	18.9	4.48	21.9	5.53	23.4	6.09	24.9	6.69	26.8	7.37	27.4	7.43
80%	35	15.8	3.77	18.9	4.76	21.9	5.89	23.4	6.49	24.9	7.13	26.4	7.64	26.9	7.70
	37	15.8	3.99	18.9	5.06	21.9	6.27	23.4	6.91	24.9	7.60	25.9	7.91	26.6	7.97
	39	15.8	4.24	18.9	5.39	21.9	6.67	23.4	7.36	24.9	8.09	25.5	8.18	26.1	8.24
	41	15.8	4.39	18.9	5.63	21.9	6.91	23.4	7.56	24.9	8.14	25.4	8.39	25.9	8.44
	43	15.8	4.60	18.9	5.87	21.9	7.15	23.4	7.75	24.9	8.31	25.2	8.50	25.7	8.57
	45	15.8	4.89	18.9	6.17	21.9	7.45	23.4	8.01	24.9	8.54	25.1	8.59	25.3	8.68
	-5	14.0	1.86	16.7	2.20	19.4	2.60	20.8	2.77	22.2	2.98	24.9	3.45	27.6	3.93
	-2	14.0	1.89	16.7	2.23	19.4	2.63	20.8	2.81	22.2	3.01	24.9	3.48	27.6	3.97
	0	14.0	1.92	16.7	2.25	19.4	2.66	20.8	2.84	22.2	3.06	24.9	3.53	27.6	4.03
	2	14.0	1.96	16.7	2.29	19.4	2.70	20.8	2.90	22.2	3.12	24.9	3.60	27.6	4.10
	4	14.0	1.99	16.7	2.32	19.4	2.75	20.8	2.96	22.2	3.17	24.9	3.66	27.6	4.16
	6	14.0	2.02	16.7	2.38	19.4	2.79	20.8	3.03	22.2	3.23	24.9	3.72	27.6	4.23
	8	14.0	2.06	16.7	2.43	19.4	2.86	20.8	3.08	22.2	3.30	24.9	3.77	27.6	4.31
	10	14.0	2.08	16.7	2.49	19.4	2.93	20.8	3.15	22.2	3.38	24.9	3.86	27.6	4.35
	12	14.0	2.11	16.7	2.53	19.4	2.98	20.8	3.22	22.2	3.45	24.9	3.93	27.6	4.44
	14	14.0	2.15	16.7	2.58	19.4	3.03	20.8	3.27	22.2	3.51	24.9	4.00	27.6	4.52
	16	14.0	2.18	16.7	2.62	19.4	3.09	20.8	3.33	22.2	3.58	24.9	4.09	27.6	4.60
	18	14.0	2.22	16.7	2.67	19.4	3.15	20.8	3.40	22.2	3.65	24.9	4.17	27.6	4.69
	20	14.0	2.26	16.7	2.72	19.4	3.22	20.8	3.46	22.2	3.72	24.9	4.32	27.6	5.02
	21	14.0	2.28	16.7	2.75	19.4	3.25	20.8	3.50	22.2	3.80	24.9	4.48	27.6	5.20
	23	14.0	2.33	16.7	2.81	19.4	3.40	20.8	3.73	22.2	4.07	24.9	4.79	27.6	5.58
	25	14.0	2.40	16.7	2.98	19.4	3.64	20.8	3.98	22.2	4.34	24.9	5.13	27.6	5.97
	27	14.0	2.55	16.7	3.18	19.4	3.87	20.8	4.25	22.2	4.64	24.9	5.48	27.6	6.39
	29	14.0	2.71	16.7	3.38	19.4	4.13	20.8	4.53	22.2	4.96	24.9	5.85	27.6	6.83
	31	14.0	2.88	16.7	3.60	19.4	4.39	20.8	4.82	22.2	5.29	24.9	6.25	27.1	7.10
	33	14.0	3.06	16.7	3.82	19.4	4.68	20.8	5.14	22.2	5.62	24.9	6.66	26.7	7.36
	35	14.0	3.25	16.7	4.07	19.4	4.98	20.8	5.47	22.2	5.99	24.9	7.10	26.3	7.63
	37	14.0	3.44	16.7	4.31	19.4	5.30	20.8	5.83	22.2	6.38	24.9	7.57	25.9	7.90
	39	14.0	3.65	16.7	4.60	19.4	5.63	20.8	6.20	22.2	6.79	24.9	8.06	25.4	8.17
	41	14.0	3.73	16.7	4.64	19.4	5.72	20.8	6.36	22.2	6.91	24.9	8.27	25.3	8.32
	43	14.0	3.84	16.7	4.68	19.4	5.80	20.8	6.47	22.2	7.01	24.9	8.36	25.1	8.41
	45	14.0	3.95	16.7	4.74	19.4	5.91	20.8	6.61	22.2	7.13	24.9	8.45	24.8	8.54

Cooling capacity tables**MDV-V260W/DRN1**

TC: Total Capacity (kW); PI: Power Input (kW) (Compressor + Outdoor fan motor)

Combination (%)	Outdoor temp. (°C)	Indoor temperature(°C DB/WD)													
		20.8/14		23.3/16		25.8/18		27/19		28.2/20		30.7/22		32/24	
		TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
70%	-5	12.3	1.66	14.7	1.95	17.0	2.21	18.2	2.36	19.4	2.52	21.7	2.89	24.1	3.32
	-2	12.3	1.67	14.7	1.96	17.0	2.22	18.2	2.41	19.4	2.57	21.7	2.93	24.1	3.37
	0	12.3	1.68	14.7	1.98	17.0	2.26	18.2	2.46	19.4	2.62	21.7	2.99	24.1	3.41
	2	12.3	1.69	14.7	1.99	17.0	2.30	18.2	2.50	19.4	2.66	21.7	3.06	24.1	3.47
	4	12.3	1.71	14.7	2.04	17.0	2.35	18.2	2.55	19.4	2.72	21.7	3.11	24.1	3.55
	6	12.3	1.74	14.7	2.08	17.0	2.41	18.2	2.63	19.4	2.78	21.7	3.16	24.1	3.62
	8	12.3	1.77	14.7	2.14	17.0	2.46	18.2	2.67	19.4	2.84	21.7	3.25	24.1	3.68
	10	12.3	1.81	14.7	2.17	17.0	2.53	18.2	2.72	19.4	2.92	21.7	3.32	24.1	3.73
	12	12.3	1.85	14.7	2.20	17.0	2.58	18.2	2.78	19.4	2.97	21.7	3.38	24.1	3.80
	14	12.3	1.88	14.7	2.24	17.0	2.62	18.2	2.82	19.4	3.02	21.7	3.44	24.1	3.87
	16	12.3	1.92	14.7	2.28	17.0	2.67	18.2	2.88	19.4	3.08	21.7	3.50	24.1	3.94
	18	12.3	1.95	14.7	2.33	17.0	2.72	18.2	2.93	19.4	3.13	21.7	3.57	24.1	4.03
	20	12.3	1.98	14.7	2.37	17.0	2.78	18.2	2.98	19.4	3.20	21.7	3.65	24.1	4.14
	21	12.3	2.00	14.7	2.39	17.0	2.80	18.2	3.01	19.4	3.23	21.7	3.70	24.1	4.28
	23	12.3	2.03	14.7	2.43	17.0	2.86	18.2	3.11	19.4	3.39	21.7	3.96	24.1	4.59
	25	12.3	2.07	14.7	2.53	17.0	3.04	18.2	3.33	19.4	3.62	21.7	4.24	24.1	4.91
	27	12.3	2.19	14.7	2.69	17.0	3.25	18.2	3.54	19.4	3.86	21.7	4.53	24.1	5.24
	29	12.3	2.33	14.7	2.86	17.0	3.45	18.2	3.78	19.4	4.11	21.7	4.82	24.1	5.60
	31	12.3	2.46	14.7	3.03	17.0	3.68	18.2	4.02	19.4	4.37	21.7	5.14	24.1	5.97
	33	12.3	2.61	14.7	3.23	17.0	3.91	18.2	4.27	19.4	4.66	21.7	5.48	24.1	6.37
	35	12.3	2.77	14.7	3.42	17.0	4.15	18.2	4.55	19.4	4.96	21.7	5.84	24.1	6.79
60%	37	12.3	2.92	14.7	3.63	17.0	4.41	18.2	4.82	19.4	5.28	21.7	6.22	24.1	7.23
	39	12.3	3.09	14.7	3.84	17.0	4.68	18.2	5.13	19.4	5.60	21.7	6.61	24.1	7.70
	41	12.3	3.23	14.7	3.98	17.0	4.82	18.2	5.30	19.4	5.77	21.7	6.88	24.1	8.04
	43	12.3	3.49	14.7	4.25	17.0	5.02	18.2	5.59	19.4	5.94	21.7	7.13	24.1	8.29
	45	12.3	3.57	14.7	4.34	17.0	5.12	18.2	5.68	19.4	6.24	21.7	7.52	24.1	8.61
	-5	10.5	1.42	12.5	1.64	14.6	1.91	15.6	2.04	16.6	2.20	18.7	2.47	20.7	2.84
	-2	10.5	1.42	12.5	1.67	14.6	1.95	15.6	2.07	16.6	2.22	18.7	2.51	20.7	2.85
	0	10.5	1.45	12.5	1.69	14.6	1.97	15.6	2.09	16.6	2.26	18.7	2.55	20.7	2.89
	2	10.5	1.47	12.5	1.73	14.6	2.01	15.6	2.14	16.6	2.29	18.7	2.60	20.7	2.93
	4	10.5	1.51	12.5	1.76	14.6	2.05	15.6	2.16	16.6	2.33	18.7	2.64	20.7	2.97
	6	10.5	1.53	12.5	1.79	14.6	2.09	15.6	2.21	16.6	2.37	18.7	2.69	20.7	3.04
	8	10.5	1.56	12.5	1.82	14.6	2.13	15.6	2.25	16.6	2.42	18.7	2.74	20.7	3.09
	10	10.5	1.59	12.5	1.86	14.6	2.16	15.6	2.31	16.6	2.47	18.7	2.80	20.7	3.13
	12	10.5	1.62	12.5	1.89	14.6	2.20	15.6	2.36	16.6	2.51	18.7	2.85	20.7	3.18
	14	10.5	1.64	12.5	1.93	14.6	2.23	15.6	2.40	16.6	2.56	18.7	2.90	20.7	3.25
	16	10.5	1.66	12.5	1.96	14.6	2.27	15.6	2.44	16.6	2.60	18.7	2.95	20.7	3.31
	18	10.5	1.69	12.5	1.99	14.6	2.31	15.6	2.48	16.6	2.65	18.7	3.00	20.7	3.37
	20	10.5	1.71	12.5	2.03	14.6	2.36	15.6	2.53	16.6	2.70	18.7	3.06	20.7	3.44
	21	10.5	1.73	12.5	2.04	14.6	2.38	15.6	2.55	16.6	2.72	18.7	3.09	20.7	3.47
	23	10.5	1.75	12.5	2.08	14.6	2.42	15.6	2.60	16.6	2.78	18.7	3.22	20.7	3.70
	25	10.5	1.78	12.5	2.11	14.6	2.51	15.6	2.72	16.6	2.95	18.7	3.43	20.7	3.94
	27	10.5	1.85	12.5	2.24	14.6	2.67	15.6	2.91	16.6	3.14	18.7	3.66	20.7	4.21
	29	10.5	1.96	12.5	2.38	14.6	2.85	15.6	3.09	16.6	3.35	18.7	3.90	20.7	4.50
	31	10.5	2.08	12.5	2.52	14.6	3.02	15.6	3.29	16.6	3.56	18.7	4.15	20.7	4.78
	33	10.5	2.19	12.5	2.67	14.6	3.21	15.6	3.49	16.6	3.79	18.7	4.41	20.7	5.10
	35	10.5	2.32	12.5	2.84	14.6	3.40	15.6	3.71	16.6	4.02	18.7	4.70	20.7	5.43
	37	10.5	2.46	12.5	3.00	14.6	3.60	15.6	3.93	16.6	4.27	18.7	5.00	20.7	5.78
	39	10.5	2.59	12.5	3.17	14.6	3.82	15.6	4.17	16.6	4.54	18.7	5.30	20.7	6.14
	41	10.5	2.67	12.5	3.31	14.6	3.96	15.6	4.33	16.6	4.70	18.7	5.55	20.7	6.42
	43	10.5	2.76	12.5	3.45	14.6	4.10	15.6	4.46	16.6	4.87	18.7	5.79	20.7	6.70
	45	10.5	2.89	12.5	3.63	14.6	4.26	15.6	4.63	16.6	5.11	18.7	6.05	20.7	7.07

Cooling capacity tables**MDV-V260W/DRN1**

TC: Total Capacity (kW); PI: Power Input (kW) (Compressor + Outdoor fan motor)

Combination (%)	Outdoor temp. (°C)	Indoor temperature(°C DB/WD)													
		20.8/14		23.3/16		25.8/18		27/19		28.2/20		30.7/22		32/24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50%	-5	8.8	1.23	10.5	1.42	12.2	1.63	13.0	1.71	13.8	1.81	15.5	2.05	17.3	2.21
	-2	8.8	1.24	10.5	1.45	12.2	1.65	13.0	1.73	13.8	1.84	15.5	2.08	17.3	2.24
	0	8.8	1.26	10.5	1.47	12.2	1.68	13.0	1.76	13.8	1.86	15.5	2.11	17.3	2.28
	2	8.8	1.28	10.5	1.49	12.2	1.71	13.0	1.78	13.8	1.89	15.5	2.12	17.3	2.32
	4	8.8	1.29	10.5	1.52	12.2	1.73	13.0	1.81	13.8	1.93	15.5	2.18	17.3	2.38
	6	8.8	1.31	10.5	1.54	12.2	1.75	13.0	1.85	13.8	1.96	15.5	2.21	17.3	2.45
	8	8.8	1.34	10.5	1.57	12.2	1.78	13.0	1.89	13.8	1.99	15.5	2.25	17.3	2.53
	10	8.8	1.37	10.5	1.59	12.2	1.81	13.0	1.92	13.8	2.05	15.5	2.30	17.3	2.57
	12	8.8	1.38	10.5	1.61	12.2	1.84	13.0	1.96	13.8	2.09	15.5	2.35	17.3	2.61
	14	8.8	1.40	10.5	1.63	12.2	1.86	13.0	2.00	13.8	2.12	15.5	2.39	17.3	2.66
	16	8.8	1.42	10.5	1.65	12.2	1.89	13.0	2.03	13.8	2.15	15.5	2.43	17.3	2.70
	18	8.8	1.44	10.5	1.68	12.2	1.93	13.0	2.06	13.8	2.19	15.5	2.47	17.3	2.75
	20	8.8	1.46	10.5	1.70	12.2	1.96	13.0	2.09	13.8	2.23	15.5	2.51	17.3	2.81
	21	8.8	1.47	10.5	1.72	12.2	1.98	13.0	2.11	13.8	2.25	15.5	2.54	17.3	2.84
	23	8.8	1.50	10.5	1.74	12.2	2.01	13.0	2.15	13.8	2.29	15.5	2.58	17.3	2.90
	25	8.8	1.52	10.5	1.77	12.2	2.05	13.0	2.19	13.8	2.37	15.5	2.71	17.3	3.09
	27	8.8	1.55	10.5	1.84	12.2	2.16	13.0	2.34	13.8	2.51	15.5	2.89	17.3	3.30
	29	8.8	1.63	10.5	1.95	12.2	2.29	13.0	2.48	13.8	2.67	15.5	3.07	17.3	3.51
	31	8.8	1.72	10.5	2.06	12.2	2.43	13.0	2.63	13.8	2.84	15.5	3.27	17.3	3.74
	33	8.8	1.82	10.5	2.18	12.2	2.58	13.0	2.79	13.8	3.01	15.5	3.47	17.3	3.97
	35	8.8	1.93	10.5	2.30	12.2	2.72	13.0	2.95	13.8	3.19	15.5	3.69	17.3	4.22
	37	8.8	2.03	10.5	2.44	12.2	2.89	13.0	3.12	13.8	3.38	15.5	3.91	17.3	4.49
	39	8.8	2.14	10.5	2.57	12.2	3.05	13.0	3.31	13.8	3.58	15.5	4.15	17.3	4.76
	41	8.8	2.23	10.5	2.68	12.2	3.16	13.0	3.46	13.8	3.74	15.5	4.37	17.3	4.98
	43	8.8	2.38	10.5	2.87	12.2	3.27	13.0	3.62	13.8	3.84	15.5	4.59	17.3	5.20
	45	8.8	2.43	10.5	2.94	12.2	3.49	13.0	3.90	13.8	4.00	15.5	5.03	17.3	5.65

Cooling capacity tables**MDV-V400W/DRN1**

TC: Total Capacity (kW); PI: Power Input (kW) (Compressor + Outdoor fan motor)

Combination (%)	Outdoor temp. (°C)	Indoor temperature(°C DB/WD)													
		20.8/14		23.3/16		25.8/18		27/19		28.2/20		30.7/22		32/24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	-5	35.1	4.86	41.9	5.94	48.6	6.36	50.4	6.62	52.9	6.81	54.1	7.41	55.5	7.45
	-2	35.1	4.86	41.9	6.05	48.6	6.36	50.4	6.66	52.9	6.81	54.1	7.50	55.5	7.53
	0	35.1	4.95	41.9	6.16	48.6	6.60	50.4	7.03	52.9	7.21	54.1	7.59	55.5	7.63
	2	35.1	5.04	41.9	6.17	48.6	6.82	50.4	7.42	52.9	7.29	54.1	7.65	55.5	7.74
	4	35.1	5.15	41.9	6.29	48.6	7.06	50.4	7.45	52.9	7.38	54.1	7.64	55.5	7.89
	6	35.1	5.25	41.9	6.42	48.6	7.32	50.4	7.52	52.3	7.61	53.5	7.64	54.9	7.95
	8	35.1	5.37	41.9	6.56	48.6	7.69	50.4	7.88	51.6	7.86	52.9	3.90	54.2	8.02
	10	35.1	5.49	41.9	6.70	48.6	7.97	50.4	8.15	51.0	4.04	52.3	4.06	53.6	8.26
	12	35.1	5.58	41.9	6.83	48.6	8.13	49.7	4.03	50.4	4.06	51.6	4.07	52.9	8.31
	14	35.1	5.69	41.9	6.96	48.4	4.05	49.1	4.06	49.7	4.08	51.0	4.09	52.3	8.50
	16	35.1	5.79	41.9	7.11	47.9	4.06	48.4	4.08	49.0	4.10	50.3	4.12	51.6	8.63
	18	35.1	5.90	41.9	7.25	47.1	8.50	47.7	8.55	48.4	8.60	49.7	8.68	51.0	8.76
	20	35.1	6.03	41.9	7.71	46.4	8.92	47.1	8.97	47.7	9.01	49.0	9.09	50.3	9.19
	21	35.1	6.19	41.9	7.99	46.1	9.13	46.9	9.17	47.4	9.22	48.7	9.32	50.0	9.40
	23	35.1	6.64	41.9	8.56	45.6	9.54	46.1	9.59	46.7	9.64	48.0	9.74	49.3	9.83
	25	35.1	7.09	41.9	9.17	44.9	9.96	45.4	10.01	46.1	10.07	47.4	10.17	48.7	10.26
	27	35.1	7.57	41.9	9.82	44.3	10.38	44.9	10.44	45.4	10.49	46.7	10.60	48.0	10.71
	29	35.1	8.08	41.9	10.49	43.6	10.79	44.1	10.86	44.9	10.92	46.1	11.04	47.4	11.15
	31	35.1	8.63	41.7	11.10	42.9	11.23	43.6	11.29	44.1	11.34	45.4	11.47	46.7	11.60
	33	35.1	9.19	41.0	11.52	42.3	11.64	42.9	11.71	43.6	11.77	44.9	11.90	46.0	12.03
	35	35.1	9.80	40.3	11.93	41.6	12.08	42.3	12.14	42.9	12.21	44.1	12.35	45.4	12.48
	37	35.1	10.43	39.7	12.37	41.0	12.51	41.6	12.58	42.3	12.66	43.4	12.80	44.7	12.94
	39	35.1	11.10	39.0	12.49	40.3	12.93	41.0	13.01	41.6	13.09	42.9	13.23	44.1	13.39
	41	35.1	11.68	38.6	12.62	39.9	13.05	40.6	13.13	41.1	13.21	42.4	13.26	42.4	13.51
	43	35.1	11.98	38.3	12.68	39.6	13.08	40.4	13.19	40.7	13.23	41.7	13.28	41.9	13.54
	45	35.1	12.57	38.1	12.80	39.2	13.21	39.9	13.27	40.1	13.29	40.5	13.33	41.1	13.80
	48	35.1	13.02	38.0	13.21	38.6	13.33	39.3	13.39	39.6	13.44	39.5	13.56	40.2	13.84
120%	-5	32.4	4.70	38.6	5.69	44.9	6.73	48.0	7.34	50.3	7.65	51.4	7.89	52.6	8.10
	-2	32.4	4.74	38.6	5.75	44.9	6.80	48.0	7.38	50.3	7.74	51.4	7.96	52.6	8.13
	0	32.4	4.79	38.6	5.79	44.9	6.87	48.0	7.40	50.3	7.81	51.4	8.01	52.6	8.15
	2	32.4	4.80	38.6	5.85	44.9	6.92	48.0	7.47	50.3	7.84	51.4	8.07	52.6	8.17
	4	32.4	4.85	38.6	5.92	44.9	7.02	48.0	7.54	50.3	7.94	51.4	8.08	52.6	8.19
	6	32.4	4.90	38.6	5.97	44.9	7.10	48.0	7.62	50.3	8.03	51.4	8.15	52.6	8.21
	8	32.4	4.94	38.6	6.03	44.9	7.20	48.0	7.72	50.3	8.11	51.4	8.18	52.6	8.25
	10	32.4	5.00	38.6	6.11	44.9	7.27	48.0	7.86	50.3	8.12	51.4	8.20	52.6	8.29
	12	32.4	5.10	38.6	6.22	44.9	7.41	48.0	8.00	49.6	8.15	50.7	8.16	51.9	8.34
	14	32.4	5.20	38.6	6.35	44.9	7.55	48.0	8.16	48.9	8.20	50.1	8.28	51.3	8.44
	16	32.4	5.29	38.6	6.48	44.9	7.70	47.7	4.10	48.3	8.32	49.4	8.42	50.6	8.57
	18	32.4	5.39	38.6	6.61	44.9	7.96	47.0	8.50	47.6	8.53	48.7	8.61	50.0	8.69
	20	32.4	5.50	38.6	6.86	44.9	8.56	46.4	8.92	47.0	8.95	48.1	9.03	49.3	9.11
	21	32.4	5.55	38.6	7.10	44.9	8.87	46.0	9.13	46.6	9.16	47.9	9.24	49.0	9.33
	23	32.4	5.93	38.6	7.62	44.9	9.49	45.4	9.53	46.0	9.57	47.1	9.67	48.3	9.75
	25	32.4	6.34	38.6	8.15	44.1	9.91	44.7	9.94	45.3	9.99	46.6	10.09	47.7	10.18
	27	32.4	6.77	38.6	8.71	43.6	10.31	44.1	10.38	44.7	10.43	45.9	10.52	47.0	10.62
	29	32.4	7.22	38.6	9.30	42.9	10.73	43.4	10.79	44.0	10.84	45.1	10.95	46.4	11.05
	31	32.4	7.70	38.6	9.93	42.1	11.16	42.9	11.21	43.4	11.27	44.6	11.39	45.7	11.50
	33	32.4	8.20	38.6	10.59	41.6	11.58	42.1	11.64	42.7	11.69	43.9	11.82	45.0	11.93
	35	32.4	8.72	38.6	11.29	40.9	11.99	41.4	12.06	42.1	12.12	43.3	12.25	44.4	12.38
	37	32.4	9.29	38.6	12.03	40.3	12.43	40.9	12.49	41.4	12.56	42.6	12.69	43.7	12.83
	39	32.4	9.88	38.4	12.70	39.6	12.85	40.1	12.93	40.7	12.99	42.0	13.14	43.1	13.26
	41	32.4	10.15	38.1	12.79	39.3	12.94	39.8	13.02	40.4	13.08	41.7	13.17	41.9	13.36
	43	32.4	10.30	37.9	12.88	39.0	13.02	39.5	13.07	40.1	13.13	41.0	13.21	41.3	13.63
	45	32.4	10.42	37.7	13.00	38.6	13.14	39.1	13.19	39.7	13.23	40.1	13.25	40.8	13.93
	48	32.4	10.51	37.4	13.15	38.1	13.25	38.5	13.29	39.3	13.34	39.5	13.30	40.3	14.10

Cooling capacity tables**MDV-V400W/DRN1**

TC: Total Capacity (kW); PI: Power Input (kW) (Compressor + Outdoor fan motor)

Combination (%)	Outdoor temp. (°C)	Indoor temperature(°C DB/WD)													
		20.8/14		23.3/16		25.8/18		27/19		28.2/20		30.7/22		32/24	
		TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
110%	-5	29.7	4.10	35.4	5.11	41.1	6.09	44.0	6.54	46.9	7.04	50.4	7.31	51.6	7.54
	-2	29.7	4.18	35.4	5.17	41.1	6.15	44.0	6.61	46.9	7.09	50.4	7.38	51.6	7.58
	0	29.7	4.22	35.4	5.20	41.1	6.19	44.0	6.65	46.9	7.17	50.4	7.46	51.6	7.67
	2	29.7	4.32	35.4	5.25	41.1	6.29	44.0	6.72	46.9	7.25	50.4	7.56	51.6	7.76
	4	29.7	4.40	35.4	5.31	41.1	6.35	44.0	6.81	46.9	7.36	50.4	7.67	51.6	7.84
	6	29.7	4.44	35.4	5.37	41.1	6.41	44.0	6.91	46.9	7.44	50.4	7.75	51.6	7.96
	8	29.7	4.49	35.4	5.46	41.1	6.48	44.0	6.98	46.9	7.53	50.4	7.80	51.6	8.04
	10	29.7	4.54	35.4	5.53	41.1	6.58	44.0	7.10	46.9	7.65	50.4	7.86	51.6	8.11
	12	29.7	4.64	35.4	5.65	41.1	6.70	44.0	7.25	46.9	7.79	49.9	7.97	50.9	8.21
	14	29.7	4.72	35.4	5.74	41.1	6.83	44.0	7.38	46.9	7.94	49.1	8.04	50.3	8.27
	16	29.7	4.80	35.4	5.85	41.1	6.96	44.0	7.52	46.9	8.10	48.6	8.13	49.6	8.36
	18	29.7	4.89	35.4	5.97	41.1	7.10	44.0	7.73	46.9	8.48	47.9	8.55	49.0	8.63
	20	29.7	4.99	35.4	6.09	41.1	7.52	44.0	8.31	46.1	8.90	47.3	8.97	48.3	9.05
	21	29.7	5.04	35.4	6.27	41.1	7.79	44.0	8.61	45.9	9.11	46.9	9.17	48.0	9.25
	23	29.7	5.28	35.4	6.72	41.1	8.36	44.0	9.24	45.1	9.51	46.3	9.61	47.3	9.69
	25	29.7	5.63	35.4	7.18	41.1	8.93	44.0	9.90	44.6	9.93	45.6	10.02	46.7	10.10
	27	29.7	6.00	35.4	7.68	41.1	9.56	43.3	10.31	43.9	10.35	45.0	10.44	46.0	10.54
	29	29.7	6.40	35.4	8.20	41.1	10.22	42.7	10.73	43.3	10.78	44.3	10.87	45.4	10.97
	31	29.7	6.82	35.4	8.74	41.1	10.91	42.0	11.15	42.6	11.19	43.7	11.29	44.7	11.40
	33	29.7	7.25	35.4	9.32	40.9	11.50	41.4	11.56	42.0	11.61	43.0	11.72	44.1	11.84
	35	29.7	7.71	35.4	9.93	40.1	11.92	40.7	11.98	41.3	12.05	42.3	12.16	43.4	12.27
	37	29.7	8.21	35.4	10.57	39.6	12.35	40.1	12.40	40.6	12.46	41.7	12.59	42.7	12.70
	39	29.7	8.72	35.4	11.26	38.9	12.77	39.4	12.83	40.0	12.90	41.0	13.02	42.1	13.15
	41	29.7	8.81	35.4	11.35	38.6	12.86	39.1	12.92	39.7	12.98	40.5	13.11	40.9	13.24
	43	29.7	8.90	35.4	11.50	38.2	12.95	38.8	13.01	39.4	13.07	40.1	13.16	40.2	13.51
	45	29.7	9.19	35.4	11.56	37.9	13.07	38.4	13.17	39.0	13.19	39.7	13.52	39.9	13.82
	48	29.7	9.52	35.4	12.54	37.3	13.15	37.8	13.26	38.6	13.33	39.1	13.57	39.4	13.97
100%	-5	27.0	3.74	32.1	4.50	37.4	5.36	40.0	5.74	42.6	6.22	47.9	7.09	50.6	7.40
	-2	27.0	3.78	32.1	4.56	37.4	5.41	40.0	5.84	42.6	6.31	47.9	7.18	50.6	7.45
	0	27.0	3.82	32.1	4.61	37.4	5.47	40.0	5.91	42.6	6.37	47.9	7.29	50.6	7.53
	2	27.0	3.90	32.1	4.67	37.4	5.53	40.0	5.99	42.6	6.44	47.9	7.40	50.6	7.65
	4	27.0	3.92	32.1	4.71	37.4	5.62	40.0	6.08	42.6	6.52	47.9	7.47	50.6	7.74
	6	27.0	3.98	32.1	4.81	37.4	5.69	40.0	6.19	42.6	6.62	47.9	7.58	50.6	7.85
	8	27.0	4.06	32.1	4.88	37.4	5.79	40.0	6.26	42.6	6.72	47.9	7.70	50.6	7.98
	10	27.0	4.11	32.1	4.97	37.4	5.89	40.0	6.37	42.6	6.85	47.9	7.83	50.6	8.10
	12	27.0	4.17	32.1	5.07	37.4	6.00	40.0	6.48	42.6	6.98	47.9	7.97	49.9	8.16
	14	27.0	4.25	32.1	5.16	37.4	6.11	40.0	6.61	42.6	7.10	47.9	8.13	49.3	8.26
	16	27.0	4.33	32.1	5.26	37.4	6.24	40.0	6.74	42.6	7.25	47.6	8.23	48.6	8.36
	18	27.0	4.41	32.1	5.36	37.4	6.35	40.0	6.86	42.6	7.39	47.0	8.50	48.0	8.56
	20	27.0	4.49	32.1	5.47	37.4	6.54	40.0	7.22	42.6	7.92	46.3	8.90	47.3	8.98
	21	27.0	4.54	32.1	5.52	37.4	6.78	40.0	7.47	42.6	8.20	46.0	9.11	47.0	9.19
	23	27.0	4.65	32.1	5.89	37.4	7.26	40.0	8.00	42.6	8.79	45.4	9.53	46.3	9.61
	25	27.0	4.96	32.1	6.29	37.4	7.78	40.0	8.58	42.6	9.41	44.7	9.94	45.7	10.02
	27	27.0	5.29	32.1	6.70	37.4	8.31	40.0	9.17	42.6	10.07	44.0	10.36	45.0	10.46
	29	27.0	5.63	32.1	7.15	37.4	8.87	40.0	9.80	42.4	10.70	43.4	10.79	44.4	10.87
	31	27.0	6.00	32.1	7.63	37.4	9.46	40.0	10.46	41.9	11.11	42.7	11.21	43.7	11.31
	33	27.0	6.37	32.1	8.13	37.4	10.09	40.0	11.16	41.1	11.53	42.1	11.63	43.1	11.74
	35	27.0	6.77	32.1	8.64	37.4	10.76	40.0	11.90	40.4	11.95	41.4	12.06	42.4	12.16
	37	27.0	7.20	32.1	9.21	37.4	11.47	39.3	12.32	39.9	12.38	40.9	12.49	41.7	12.59
	39	27.0	7.65	32.1	9.78	37.4	12.20	38.7	12.73	39.1	12.80	40.1	12.91	41.1	13.04
	41	27.0	8.01	32.1	10.14	37.4	12.65	38.1	12.82	38.8	13.00	39.4	13.21	40.5	13.31
	43	27.0	8.36	32.1	10.50	37.4	12.89	37.5	12.97	38.6	13.12	39.7	13.30	39.8	13.46
	45	27.0	8.84	32.1	10.97	37.4	13.11	36.7	13.15	38.4	13.36	39.3	13.51	39.0	13.63
	48	27.0	9.23	32.1	11.36	37.4	13.13	35.2	13.30	38.3	13.60	36.9	13.65	38.2	13.76

Cooling capacity tables**MDV-V400W/DRN1**

TC: Total Capacity (kW); PI: Power Input (kW) (Compressor + Outdoor fan motor)

Combination (%)	Outdoor temp. (°C)	Indoor temperature(°C DB/WD)													
		20.8/14		23.3/16		25.8/18		27/19		28.2/20		30.7/22		32/24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90%	-5	24.3	3.30	29.0	3.97	33.7	4.68	36.0	5.10	38.3	5.43	43.0	6.24	47.7	7.15
	-2	24.3	3.33	29.0	4.01	33.7	4.74	36.0	5.18	38.3	5.50	43.0	6.30	47.7	7.22
	0	24.3	3.39	29.0	4.06	33.7	4.81	36.0	5.24	38.3	5.57	43.0	6.37	47.7	7.27
	2	24.3	3.44	29.0	4.11	33.7	4.86	36.0	5.32	38.3	5.65	43.0	6.51	47.7	7.38
	4	24.3	3.49	29.0	4.17	33.7	4.94	36.0	5.39	38.3	5.72	43.0	6.61	47.7	7.49
	6	24.3	3.54	29.0	4.25	33.7	5.03	36.0	5.49	38.3	5.82	43.0	6.71	47.7	7.62
	8	24.3	3.60	29.0	4.33	33.7	5.14	36.0	5.56	38.3	5.93	43.0	6.84	47.7	7.69
	10	24.3	3.67	29.0	4.43	33.7	5.23	36.0	5.64	38.3	6.06	43.0	6.92	47.7	7.81
	12	24.3	3.74	29.0	4.51	33.7	5.32	36.0	5.74	38.3	6.17	43.0	7.06	47.7	7.95
	14	24.3	3.80	29.0	4.59	33.7	5.42	36.0	5.85	38.3	6.29	43.0	7.18	47.7	8.10
	16	24.3	3.86	29.0	4.67	33.7	5.53	36.0	5.97	38.3	6.41	43.0	7.33	47.6	8.24
	18	24.3	3.93	29.0	4.76	33.7	5.63	36.0	6.08	38.3	6.54	43.0	7.47	47.0	8.50
	20	24.3	4.01	29.0	4.87	33.7	5.74	36.0	6.21	38.3	6.78	43.0	8.03	46.3	8.90
	21	24.3	4.04	29.0	4.91	33.7	5.84	36.0	6.41	38.3	7.02	43.0	8.32	46.0	9.11
	23	24.3	4.12	29.0	5.10	33.7	6.25	36.0	6.88	38.3	7.54	43.0	8.93	45.3	9.53
	25	24.3	4.35	29.0	5.45	33.7	6.69	36.0	7.36	38.3	8.05	43.0	9.56	44.7	9.94
	27	24.3	4.62	29.0	5.81	33.7	7.14	36.0	7.86	38.3	8.61	43.0	10.23	44.0	10.36
	29	24.3	4.92	29.0	6.19	33.7	7.62	36.0	8.39	38.3	9.21	42.6	10.70	43.4	10.78
	31	24.3	5.23	29.0	6.59	33.7	8.11	36.0	8.95	38.3	9.81	41.9	11.11	42.7	11.21
	33	24.3	5.55	29.0	7.01	33.7	8.66	36.0	9.54	38.3	10.47	41.3	11.55	42.1	11.63
	35	24.3	5.90	29.0	7.46	33.7	9.22	36.0	10.17	38.3	11.16	40.6	11.96	41.4	12.06
	37	24.3	6.25	29.0	7.92	33.7	9.81	36.0	10.83	38.3	11.90	39.9	12.38	40.9	12.48
	39	24.3	6.64	29.0	8.44	33.7	10.44	36.0	11.53	38.3	12.67	39.3	12.81	40.1	12.91
	41	24.3	6.87	29.0	8.82	33.7	10.82	36.0	11.84	38.3	12.75	39.0	13.14	39.9	13.21
	43	24.3	7.20	29.0	9.20	33.7	11.20	36.0	12.14	38.3	13.02	38.8	13.31	39.5	13.42
	45	24.3	7.66	29.0	9.66	33.7	11.66	36.0	12.55	38.3	13.38	38.6	13.45	38.9	13.60
	48	24.3	8.08	29.0	10.10	33.7	12.10	36.0	12.71	38.3	13.49	38.3	13.64	37.9	13.78
80%	-5	21.6	2.91	25.7	3.44	29.9	4.08	32.0	4.33	34.1	4.67	38.3	5.40	42.4	6.16
	-2	21.6	2.95	25.7	3.49	29.9	4.11	32.0	4.40	34.1	4.71	38.3	5.45	42.4	6.22
	0	21.6	3.01	25.7	3.53	29.9	4.16	32.0	4.45	34.1	4.80	38.3	5.52	42.4	6.30
	2	21.6	3.07	25.7	3.58	29.9	4.22	32.0	4.54	34.1	4.88	38.3	5.64	42.4	6.42
	4	21.6	3.12	25.7	3.64	29.9	4.30	32.0	4.64	34.1	4.97	38.3	5.74	42.4	6.51
	6	21.6	3.17	25.7	3.73	29.9	4.37	32.0	4.74	34.1	5.06	38.3	5.82	42.4	6.62
	8	21.6	3.23	25.7	3.81	29.9	4.47	32.0	4.82	34.1	5.17	38.3	5.91	42.4	6.75
	10	21.6	3.26	25.7	3.90	29.9	4.59	32.0	4.94	34.1	5.29	38.3	6.05	42.4	6.82
	12	21.6	3.30	25.7	3.96	29.9	4.67	32.0	5.04	34.1	5.41	38.3	6.16	42.4	6.94
	14	21.6	3.37	25.7	4.04	29.9	4.75	32.0	5.12	34.1	5.50	38.3	6.27	42.4	7.07
	16	21.6	3.42	25.7	4.11	29.9	4.84	32.0	5.21	34.1	5.60	38.3	6.40	42.4	7.20
	18	21.6	3.48	25.7	4.19	29.9	4.94	32.0	5.32	34.1	5.71	38.3	6.53	42.4	7.35
	20	21.6	3.54	25.7	4.27	29.9	5.04	32.0	5.42	34.1	5.82	38.3	6.77	42.4	7.86
	21	21.6	3.58	25.7	4.30	29.9	5.08	32.0	5.48	34.1	5.95	38.3	7.01	42.4	8.15
	23	21.6	3.64	25.7	4.39	29.9	5.32	32.0	5.84	34.1	6.37	38.3	7.51	42.4	8.74
	25	21.6	3.75	25.7	4.67	29.9	5.69	32.0	6.24	34.1	6.80	38.3	8.04	42.4	9.35
	27	21.6	3.99	25.7	4.97	29.9	6.06	32.0	6.66	34.1	7.27	38.3	8.58	42.4	10.01
	29	21.6	4.25	25.7	5.29	29.9	6.46	32.0	7.09	34.1	7.76	38.3	9.16	42.4	10.70
	31	21.6	4.51	25.7	5.63	29.9	6.88	32.0	7.55	34.1	8.28	38.3	9.78	41.7	11.11
	33	21.6	4.80	25.7	5.98	29.9	7.33	32.0	8.05	34.1	8.81	38.3	10.42	41.1	11.53
	35	21.6	5.08	25.7	6.37	29.9	7.79	32.0	8.56	34.1	9.38	38.3	11.11	40.4	11.95
	37	21.6	5.39	25.7	6.75	29.9	8.29	32.0	9.13	34.1	9.99	38.3	11.85	39.9	12.37
	39	21.6	5.71	25.7	7.20	29.9	8.82	32.0	9.70	34.1	10.63	38.3	12.62	39.1	12.80
	41	21.6	5.84	25.7	7.27	29.9	8.95	32.0	9.96	34.1	10.83	38.3	12.94	38.9	13.02
	43	21.6	6.01	25.7	7.33	29.9	9.08	32.0	10.13	34.1	10.98	38.3	13.09	38.7	13.16
	45	21.6	6.18	25.7	7.42	29.9	9.25	32.0	10.35	34.1	11.17	38.3	13.24	38.2	13.38
	48	21.6	6.38	25.7	7.47	29.9	9.40	32.0	10.49	34.1	11.26	38.3	13.37	37.9	13.56

Cooling capacity tables**MDV-V400W/DRN1**

TC: Total Capacity (kW); PI: Power Input (kW) (Compressor + Outdoor fan motor)

Combination (%)	Outdoor temp. (°C)	Indoor temperature(°C DB/WD)													
		20.8/14		23.3/16		25.8/18		27/19		28.2/20		30.7/22		32/24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70%	-5	18.9	2.60	22.6	3.05	26.1	3.45	28.0	3.70	29.9	3.95	33.4	4.52	37.1	5.20
	-2	18.9	2.62	22.6	3.06	26.1	3.48	28.0	3.77	29.9	4.02	33.4	4.59	37.1	5.27
	0	18.9	2.63	22.6	3.10	26.1	3.55	28.0	3.85	29.9	4.09	33.4	4.69	37.1	5.34
	2	18.9	2.65	22.6	3.12	26.1	3.60	28.0	3.92	29.9	4.17	33.4	4.79	37.1	5.43
	4	18.9	2.68	22.6	3.20	26.1	3.68	28.0	3.99	29.9	4.26	33.4	4.86	37.1	5.55
	6	18.9	2.73	22.6	3.25	26.1	3.77	28.0	4.12	29.9	4.36	33.4	4.95	37.1	5.66
	8	18.9	2.78	22.6	3.35	26.1	3.86	28.0	4.18	29.9	4.45	33.4	5.09	37.1	5.77
	10	18.9	2.83	22.6	3.40	26.1	3.96	28.0	4.27	29.9	4.57	33.4	5.20	37.1	5.84
	12	18.9	2.90	22.6	3.45	26.1	4.04	28.0	4.35	29.9	4.65	33.4	5.29	37.1	5.95
	14	18.9	2.95	22.6	3.51	26.1	4.11	28.0	4.41	29.9	4.73	33.4	5.39	37.1	6.06
	16	18.9	3.00	22.6	3.58	26.1	4.19	28.0	4.51	29.9	4.83	33.4	5.49	37.1	6.17
	18	18.9	3.05	22.6	3.64	26.1	4.27	28.0	4.59	29.9	4.91	33.4	5.60	37.1	6.30
	20	18.9	3.10	22.6	3.71	26.1	4.35	28.0	4.67	29.9	5.00	33.4	5.71	37.1	6.48
	21	18.9	3.13	22.6	3.74	26.1	4.38	28.0	4.72	29.9	5.05	33.4	5.79	37.1	6.70
	23	18.9	3.18	22.6	3.80	26.1	4.47	28.0	4.88	29.9	5.31	33.4	6.21	37.1	7.19
	25	18.9	3.24	22.6	3.96	26.1	4.76	28.0	5.21	29.9	5.66	33.4	6.64	37.1	7.68
	27	18.9	3.43	22.6	4.22	26.1	5.08	28.0	5.55	29.9	6.05	33.4	7.09	37.1	8.21
	29	18.9	3.64	22.6	4.47	26.1	5.40	28.0	5.92	29.9	6.43	33.4	7.55	37.1	8.77
	31	18.9	3.85	22.6	4.75	26.1	5.76	28.0	6.29	29.9	6.85	33.4	8.05	37.1	9.35
	33	18.9	4.09	22.6	5.05	26.1	6.13	28.0	6.69	29.9	7.30	33.4	8.58	37.1	9.98
	35	18.9	4.33	22.6	5.36	26.1	6.50	28.0	7.12	29.9	7.76	33.4	9.14	37.1	10.63
	37	18.9	4.57	22.6	5.68	26.1	6.91	28.0	7.55	29.9	8.26	33.4	9.74	37.1	11.32
	39	18.9	4.84	22.6	6.01	26.1	7.33	28.0	8.04	29.9	8.77	33.4	10.34	37.1	12.06
	41	18.9	5.06	22.6	6.23	26.1	7.54	28.0	8.30	29.9	9.04	33.4	10.77	37.1	12.59
	43	18.9	5.47	22.6	6.66	26.1	7.85	28.0	8.75	29.9	9.31	33.4	11.16	37.1	12.99
	45	18.9	5.59	22.6	6.80	26.1	8.02	28.0	8.89	29.9	9.77	33.4	11.77	37.1	13.48
	48	18.9	5.73	22.6	6.86	26.1	8.10	28.0	9.03	29.9	10.04	33.4	12.30	37.1	13.80
60%	-5	16.1	2.22	19.3	2.57	22.4	3.00	24.0	3.19	25.6	3.45	28.7	3.87	31.9	4.44
	-2	16.1	2.23	19.3	2.61	22.4	3.05	24.0	3.24	25.6	3.48	28.7	3.93	31.9	4.47
	0	16.1	2.26	19.3	2.64	22.4	3.09	24.0	3.28	25.6	3.54	28.7	3.99	31.9	4.53
	2	16.1	2.30	19.3	2.71	22.4	3.15	24.0	3.34	25.6	3.59	28.7	4.07	31.9	4.59
	4	16.1	2.37	19.3	2.76	22.4	3.21	24.0	3.38	25.6	3.64	28.7	4.13	31.9	4.65
	6	16.1	2.39	19.3	2.81	22.4	3.27	24.0	3.46	25.6	3.72	28.7	4.22	31.9	4.76
	8	16.1	2.44	19.3	2.86	22.4	3.33	24.0	3.52	25.6	3.79	28.7	4.30	31.9	4.84
	10	16.1	2.49	19.3	2.92	22.4	3.38	24.0	3.62	25.6	3.86	28.7	4.38	31.9	4.91
	12	16.1	2.53	19.3	2.97	22.4	3.45	24.0	3.69	25.6	3.93	28.7	4.46	31.9	4.99
	14	16.1	2.57	19.3	3.01	22.4	3.50	24.0	3.75	25.6	4.01	28.7	4.54	31.9	5.08
	16	16.1	2.60	19.3	3.06	22.4	3.56	24.0	3.82	25.6	4.07	28.7	4.62	31.9	5.18
	18	16.1	2.65	19.3	3.11	22.4	3.62	24.0	3.88	25.6	4.15	28.7	4.70	31.9	5.28
	20	16.1	2.68	19.3	3.18	22.4	3.69	24.0	3.96	25.6	4.23	28.7	4.79	31.9	5.39
	21	16.1	2.71	19.3	3.19	22.4	3.72	24.0	3.99	25.6	4.27	28.7	4.84	31.9	5.44
	23	16.1	2.74	19.3	3.26	22.4	3.78	24.0	4.07	25.6	4.35	28.7	5.04	31.9	5.79
	25	16.1	2.79	19.3	3.30	22.4	3.93	24.0	4.27	25.6	4.62	28.7	5.37	31.9	6.17
	27	16.1	2.90	19.3	3.51	22.4	4.19	24.0	4.55	25.6	4.92	28.7	5.72	31.9	6.59
	29	16.1	3.06	19.3	3.72	22.4	4.46	24.0	4.84	25.6	5.24	28.7	6.11	31.9	7.04
	31	16.1	3.26	19.3	3.94	22.4	4.73	24.0	5.15	25.6	5.58	28.7	6.49	31.9	7.49
	33	16.1	3.43	19.3	4.19	22.4	5.02	24.0	5.47	25.6	5.93	28.7	6.91	31.9	7.99
	35	16.1	3.64	19.3	4.44	22.4	5.32	24.0	5.80	25.6	6.30	28.7	7.36	31.9	8.50
	37	16.1	3.85	19.3	4.70	22.4	5.64	24.0	6.16	25.6	6.69	28.7	7.83	31.9	9.04
	39	16.1	4.06	19.3	4.97	22.4	5.98	24.0	6.53	25.6	7.10	28.7	8.31	31.9	9.62
	41	16.1	4.19	19.3	5.19	22.4	6.20	24.0	6.79	25.6	7.37	28.7	8.70	31.9	10.06
	43	16.1	4.32	19.3	5.40	22.4	6.42	24.0	6.99	25.6	7.62	28.7	9.07	31.9	10.49
	45	16.1	4.52	19.3	5.68	22.4	6.68	24.0	7.25	25.6	8.00	28.7	9.47	31.9	11.07
	48	16.1	4.69	19.3	5.93	22.4	6.90	24.0	7.44	25.6	8.31	28.7	9.82	31.9	11.60

Cooling capacity tables**MDV-V400W/DRN1**

TC: Total Capacity (kW); PI: Power Input (kW) (Compressor + Outdoor fan motor)

Combination (%)	Outdoor temp. (°C)	Indoor temperature(°C DB/WD)													
		20.8/14		23.3/16		25.8/18		27/19		28.2/20		30.7/22		32/24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50%	-5	13.5	1.93	16.1	2.23	18.7	2.56	20.0	2.68	21.3	2.83	23.9	3.21	26.6	3.46
	-2	13.5	1.94	16.1	2.27	18.7	2.59	20.0	2.72	21.3	2.88	23.9	3.26	26.6	3.51
	0	13.5	1.97	16.1	2.31	18.7	2.63	20.0	2.75	21.3	2.91	23.9	3.31	26.6	3.57
	2	13.5	2.00	16.1	2.34	18.7	2.68	20.0	2.79	21.3	2.96	23.9	3.33	26.6	3.64
	4	13.5	2.02	16.1	2.38	18.7	2.71	20.0	2.83	21.3	3.02	23.9	3.41	26.6	3.73
	6	13.5	2.06	16.1	2.42	18.7	2.75	20.0	2.89	21.3	3.08	23.9	3.46	26.6	3.84
	8	13.5	2.11	16.1	2.46	18.7	2.79	20.0	2.96	21.3	3.12	23.9	3.52	26.6	3.97
	10	13.5	2.15	16.1	2.49	18.7	2.84	20.0	3.00	21.3	3.21	23.9	3.61	26.6	4.02
	12	13.5	2.17	16.1	2.52	18.7	2.89	20.0	3.06	21.3	3.27	23.9	3.67	26.6	4.09
	14	13.5	2.20	16.1	2.55	18.7	2.92	20.0	3.13	21.3	3.32	23.9	3.74	26.6	4.17
	16	13.5	2.23	16.1	2.58	18.7	2.97	20.0	3.18	21.3	3.37	23.9	3.80	26.6	4.23
	18	13.5	2.26	16.1	2.63	18.7	3.01	20.0	3.22	21.3	3.43	23.9	3.86	26.6	4.31
	20	13.5	2.29	16.1	2.66	18.7	3.06	20.0	3.27	21.3	3.50	23.9	3.93	26.6	4.39
	21	13.5	2.31	16.1	2.69	18.7	3.09	20.0	3.30	21.3	3.53	23.9	3.98	26.6	4.44
	23	13.5	2.34	16.1	2.73	18.7	3.14	20.0	3.37	21.3	3.59	23.9	4.04	26.6	4.54
	25	13.5	2.37	16.1	2.77	18.7	3.21	20.0	3.43	21.3	3.70	23.9	4.25	26.6	4.84
	27	13.5	2.42	16.1	2.89	18.7	3.38	20.0	3.66	21.3	3.93	23.9	4.52	26.6	5.16
	29	13.5	2.55	16.1	3.05	18.7	3.59	20.0	3.88	21.3	4.19	23.9	4.81	26.6	5.50
	31	13.5	2.69	16.1	3.22	18.7	3.80	20.0	4.12	21.3	4.44	23.9	5.12	26.6	5.85
	33	13.5	2.85	16.1	3.42	18.7	4.04	20.0	4.36	21.3	4.71	23.9	5.44	26.6	6.22
	35	13.5	3.01	16.1	3.61	18.7	4.27	20.0	4.62	21.3	4.99	23.9	5.77	26.6	6.61
	37	13.5	3.18	16.1	3.82	18.7	4.52	20.0	4.89	21.3	5.29	23.9	6.13	26.6	7.02
	39	13.5	3.35	16.1	4.02	18.7	4.78	20.0	5.18	21.3	5.61	23.9	6.49	26.6	7.46
	41	13.5	3.49	16.1	4.20	18.7	4.95	20.0	5.42	21.3	5.86	23.9	6.84	26.6	7.80
	43	13.5	3.72	16.1	4.49	18.7	5.13	20.0	5.66	21.3	6.01	23.9	7.19	26.6	8.15
	45	13.5	3.81	16.1	4.60	18.7	5.47	20.0	6.10	21.3	6.26	23.9	7.88	26.6	8.84
	48	13.5	3.90	16.1	4.73	18.7	5.79	20.0	6.49	21.3	6.54	23.9	8.51	26.6	9.52

Cooling capacity tables**MDV-V450W/DRN1**

TC: Total Capacity (kW); PI: Power Input (kW) (Compressor + Outdoor fan motor)

Combination (%)	Outdoor temp. (°C)	Indoor temperature(°C DB/WD)													
		20.8/14		23.3/16		25.8/18		27/19		28.2/20		30.7/22		32/24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	-5	39.5	5.56	47.1	6.79	54.6	7.27	56.7	7.57	59.5	7.78	60.9	8.46	62.4	8.52
	-2	39.5	5.56	47.1	6.92	54.6	7.27	56.7	7.61	59.5	7.78	60.9	8.57	62.4	8.60
	0	39.5	5.65	47.1	7.04	54.6	7.54	56.7	8.03	59.5	8.24	60.9	8.68	62.4	8.72
	2	39.5	5.76	47.1	7.05	54.6	7.80	56.7	8.48	59.5	8.33	60.9	8.74	62.4	8.85
	4	39.5	5.88	47.1	7.19	54.6	8.07	56.7	8.52	59.5	8.44	60.9	8.73	62.4	9.02
	6	39.5	6.00	47.1	7.33	54.6	8.37	56.7	8.59	58.8	8.70	60.2	8.73	61.8	9.08
	8	39.5	6.14	47.1	7.50	54.6	8.78	56.7	9.01	58.1	8.99	59.5	3.90	61.0	9.17
	10	39.5	6.27	47.1	7.66	54.6	9.11	56.7	9.31	57.4	4.04	58.8	4.06	60.3	9.44
	12	39.5	6.38	47.1	7.81	54.6	9.29	55.9	4.03	56.7	4.06	58.0	4.07	59.5	9.50
	14	39.5	6.51	47.1	7.96	54.5	4.05	55.3	4.06	55.9	4.08	57.4	4.09	58.8	9.71
	16	39.5	6.62	47.1	8.12	53.8	4.06	54.5	4.08	55.1	4.10	56.6	4.12	58.0	9.86
	18	39.5	6.75	47.1	8.29	53.0	9.71	53.7	9.77	54.5	9.83	55.9	9.92	57.4	10.01
	20	39.5	6.89	47.1	8.82	52.2	10.19	53.0	10.25	53.7	10.30	55.1	10.39	56.6	10.50
	21	39.5	7.08	47.1	9.13	51.9	10.43	52.7	10.48	53.4	10.54	54.8	10.65	56.2	10.74
	23	39.5	7.59	47.1	9.79	51.3	10.91	51.9	10.96	52.6	11.02	54.0	11.13	55.4	11.24
	25	39.5	8.10	47.1	10.48	50.5	11.38	51.1	11.44	51.9	11.51	53.4	11.62	54.8	11.73
	27	39.5	8.65	47.1	11.22	49.8	11.86	50.5	11.93	51.1	11.99	52.6	12.12	54.0	12.24
	29	39.5	9.24	47.1	11.99	49.0	12.34	49.7	12.41	50.5	12.48	51.9	12.61	53.4	12.74
	31	39.5	9.86	46.9	12.68	48.2	12.83	49.0	12.90	49.7	12.96	51.1	13.11	52.6	13.25
	33	39.5	10.50	46.1	13.16	47.6	13.31	48.2	13.38	49.0	13.45	50.5	13.60	51.7	13.75
	35	39.5	11.20	45.3	13.64	46.8	13.80	47.6	13.88	48.2	13.95	49.7	14.11	51.1	14.26
	37	39.5	11.92	44.7	14.13	46.1	14.30	46.8	14.37	47.6	14.46	48.9	14.63	50.3	14.79
	39	39.5	12.68	43.9	14.28	45.3	14.77	46.1	14.87	46.8	14.96	48.2	15.12	49.7	15.31
	41	39.5	13.35	43.4	14.42	44.8	14.91	45.6	15.00	46.3	15.10	47.7	15.15	47.8	15.44
	43	39.5	13.69	43.1	14.49	44.6	14.95	45.4	15.07	45.8	15.12	46.9	15.18	47.2	15.48
	45	39.5	14.37	42.8	14.63	44.1	15.09	44.9	15.17	45.1	15.19	45.6	15.24	46.3	15.77
	48	39.5	14.88	42.7	15.10	43.4	15.23	44.2	15.31	44.6	15.36	44.4	15.50	45.2	15.82
120%	-5	36.5	5.37	43.4	6.50	50.5	7.69	54.0	8.39	56.6	8.74	57.9	9.02	59.1	9.26
	-2	36.5	5.42	43.4	6.57	50.5	7.77	54.0	8.44	56.6	8.85	57.9	9.10	59.1	9.29
	0	36.5	5.47	43.4	6.62	50.5	7.86	54.0	8.46	56.6	8.92	57.9	9.15	59.1	9.31
	2	36.5	5.49	43.4	6.69	50.5	7.91	54.0	8.54	56.6	8.96	57.9	9.22	59.1	9.33
	4	36.5	5.54	43.4	6.77	50.5	8.02	54.0	8.61	56.6	9.08	57.9	9.24	59.1	9.36
	6	36.5	5.60	43.4	6.82	50.5	8.12	54.0	8.71	56.6	9.18	57.9	9.31	59.1	9.39
	8	36.5	5.65	43.4	6.89	50.5	8.23	54.0	8.82	56.6	9.27	57.9	9.35	59.1	9.43
	10	36.5	5.72	43.4	6.98	50.5	8.30	54.0	8.98	56.6	9.28	57.9	9.37	59.1	9.47
	12	36.5	5.83	43.4	7.11	50.5	8.47	54.0	9.15	55.8	9.31	57.1	9.32	58.3	9.53
	14	36.5	5.94	43.4	7.26	50.5	8.63	54.0	9.33	55.0	9.37	56.4	9.46	57.7	9.65
	16	36.5	6.05	43.4	7.40	50.5	8.80	53.7	4.10	54.3	9.51	55.6	9.62	56.9	9.79
	18	36.5	6.16	43.4	7.55	50.5	9.09	52.9	9.71	53.5	9.75	54.8	9.84	56.2	9.93
	20	36.5	6.29	43.4	7.84	50.5	9.79	52.2	10.19	52.9	10.23	54.2	10.32	55.4	10.41
	21	36.5	6.34	43.4	8.12	50.5	10.14	51.7	10.43	52.4	10.47	53.8	10.56	55.1	10.67
	23	36.5	6.78	43.4	8.71	50.5	10.85	51.1	10.89	51.7	10.94	53.0	11.05	54.3	11.14
	25	36.5	7.24	43.4	9.31	49.7	11.33	50.3	11.36	50.9	11.42	52.4	11.53	53.7	11.64
	27	36.5	7.74	43.4	9.95	49.0	11.79	49.7	11.86	50.3	11.91	51.6	12.02	52.9	12.13
	29	36.5	8.25	43.4	10.63	48.2	12.26	48.9	12.33	49.5	12.39	50.8	12.52	52.2	12.63
	31	36.5	8.80	43.4	11.35	47.4	12.76	48.2	12.81	48.9	12.88	50.1	13.01	51.4	13.14
	33	36.5	9.37	43.4	12.10	46.8	13.23	47.4	13.31	48.1	13.36	49.3	13.51	50.6	13.64
	35	36.5	9.97	43.4	12.90	46.0	13.71	46.6	13.78	47.4	13.86	48.7	14.00	50.0	14.15
	37	36.5	10.61	43.4	13.75	45.3	14.21	46.0	14.28	46.6	14.35	47.9	14.50	49.2	14.66
	39	36.5	11.29	43.2	14.52	44.5	14.68	45.2	14.77	45.8	14.85	47.2	15.01	48.5	15.16
	41	36.5	11.60	42.9	14.62	44.2	14.79	44.8	14.88	45.5	14.95	46.9	15.05	47.1	15.27
	43	36.5	11.77	42.7	14.72	43.8	14.88	44.5	14.93	45.1	15.00	46.1	15.09	46.4	15.58
	45	36.5	11.91	42.4	14.86	43.4	15.01	44.0	15.07	44.7	15.12	45.2	15.14	45.9	15.92
	48	36.5	12.01	42.1	15.02	42.8	15.15	43.3	15.19	44.2	15.24	44.5	15.20	45.3	16.12

Cooling capacity tables**MDV-V450W/DRN1**

TC: Total Capacity (kW); PI: Power Input (kW) (Compressor + Outdoor fan motor)

Combination (%)	Outdoor temp. (°C)	Indoor temperature(°C DB/WD)													
		20.8/14		23.3/16		25.8/18		27/19		28.2/20		30.7/22		32/24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
110%	-5	33.4	4.69	39.9	5.84	46.3	6.97	49.5	7.48	52.7	8.04	56.7	8.36	58.0	8.61
	-2	33.4	4.78	39.9	5.91	46.3	7.02	49.5	7.55	52.7	8.11	56.7	8.44	58.0	8.66
	0	33.4	4.83	39.9	5.95	46.3	7.08	49.5	7.60	52.7	8.20	56.7	8.52	58.0	8.76
	2	33.4	4.93	39.9	6.00	46.3	7.19	49.5	7.68	52.7	8.29	56.7	8.64	58.0	8.87
	4	33.4	5.03	39.9	6.07	46.3	7.26	49.5	7.78	52.7	8.41	56.7	8.76	58.0	8.95
	6	33.4	5.08	39.9	6.14	46.3	7.33	49.5	7.90	52.7	8.51	56.7	8.85	58.0	9.09
	8	33.4	5.13	39.9	6.24	46.3	7.41	49.5	7.98	52.7	8.60	56.7	8.92	58.0	9.19
	10	33.4	5.19	39.9	6.32	46.3	7.52	49.5	8.12	52.7	8.74	56.7	8.98	58.0	9.27
	12	33.4	5.30	39.9	6.45	46.3	7.66	49.5	8.29	52.7	8.91	56.1	9.11	57.2	9.39
	14	33.4	5.39	39.9	6.56	46.3	7.81	49.5	8.43	52.7	9.07	55.3	9.18	56.6	9.45
	16	33.4	5.48	39.9	6.69	46.3	7.96	49.5	8.60	52.7	9.26	54.6	9.29	55.8	9.56
	18	33.4	5.59	39.9	6.82	46.3	8.12	49.5	8.83	52.7	9.70	53.8	9.77	55.1	9.86
	20	33.4	5.70	39.9	6.97	46.3	8.60	49.5	9.49	51.9	10.17	53.2	10.25	54.3	10.34
	21	33.4	5.75	39.9	7.17	46.3	8.91	49.5	9.84	51.6	10.41	52.7	10.48	54.0	10.58
	23	33.4	6.03	39.9	7.68	46.3	9.55	49.5	10.56	50.8	10.87	52.1	10.98	53.2	11.07
	25	33.4	6.43	39.9	8.21	46.3	10.21	49.5	11.31	50.1	11.35	51.3	11.46	52.6	11.55
	27	33.4	6.86	39.9	8.78	46.3	10.93	48.7	11.79	49.3	11.82	50.6	11.93	51.8	12.04
	29	33.4	7.31	39.9	9.37	46.3	11.68	48.1	12.26	48.7	12.32	49.8	12.43	51.1	12.54
	31	33.4	7.79	39.9	9.99	46.3	12.46	47.3	12.74	47.9	12.79	49.2	12.90	50.3	13.03
	33	33.4	8.29	39.9	10.65	46.0	13.14	46.6	13.22	47.3	13.27	48.4	13.40	49.7	13.53
	35	33.4	8.82	39.9	11.35	45.2	13.62	45.8	13.69	46.4	13.77	47.6	13.89	48.9	14.02
	37	33.4	9.38	39.9	12.08	44.5	14.11	45.2	14.17	45.6	14.24	46.9	14.39	48.1	14.52
	39	33.4	9.97	39.9	12.87	43.7	14.59	44.4	14.66	45.0	14.74	46.1	14.88	47.4	15.03
	41	33.4	10.07	39.9	12.97	43.4	14.69	44.0	14.77	44.7	14.84	45.5	14.99	46.0	15.13
	43	33.4	10.18	39.9	13.14	43.0	14.80	43.7	14.87	44.3	14.94	45.1	15.04	45.3	15.44
	45	33.4	10.51	39.9	13.21	42.6	14.93	43.2	15.05	43.9	15.08	44.7	15.45	44.9	15.80
	48	33.4	10.88	39.9	14.33	42.0	15.03	42.5	15.15	43.4	15.24	43.9	15.51	44.3	15.97
100%	-5	30.4	4.27	36.2	5.14	42.1	6.12	45.0	6.56	47.9	7.11	53.8	8.11	56.9	8.46
	-2	30.4	4.32	36.2	5.21	42.1	6.19	45.0	6.68	47.9	7.21	53.8	8.20	56.9	8.51
	0	30.4	4.37	36.2	5.26	42.1	6.26	45.0	6.76	47.9	7.28	53.8	8.34	56.9	8.61
	2	30.4	4.45	36.2	5.34	42.1	6.32	45.0	6.85	47.9	7.36	53.8	8.46	56.9	8.74
	4	30.4	4.49	36.2	5.39	42.1	6.42	45.0	6.95	47.9	7.45	53.8	8.54	56.9	8.84
	6	30.4	4.55	36.2	5.49	42.1	6.50	45.0	7.07	47.9	7.56	53.8	8.66	56.9	8.98
	8	30.4	4.64	36.2	5.58	42.1	6.62	45.0	7.15	47.9	7.68	53.8	8.80	56.9	9.13
	10	30.4	4.69	36.2	5.68	42.1	6.73	45.0	7.28	47.9	7.83	53.8	8.94	56.9	9.26
	12	30.4	4.77	36.2	5.79	42.1	6.85	45.0	7.41	47.9	7.97	53.8	9.11	56.1	9.33
	14	30.4	4.86	36.2	5.90	42.1	6.98	45.0	7.55	47.9	8.12	53.8	9.29	55.4	9.44
	16	30.4	4.95	36.2	6.01	42.1	7.13	45.0	7.70	47.9	8.29	53.5	9.40	54.6	9.55
	18	30.4	5.04	36.2	6.12	42.1	7.26	45.0	7.84	47.9	8.45	52.9	9.71	54.0	9.79
	20	30.4	5.13	36.2	6.25	42.1	7.48	45.0	8.25	47.9	9.05	52.1	10.17	53.2	10.26
	21	30.4	5.19	36.2	6.30	42.1	7.75	45.0	8.54	47.9	9.37	51.8	10.41	52.9	10.50
	23	30.4	5.31	36.2	6.73	42.1	8.30	45.0	9.15	47.9	10.04	51.1	10.89	52.1	10.98
	25	30.4	5.66	36.2	7.18	42.1	8.89	45.0	9.81	47.9	10.76	50.3	11.36	51.4	11.46
	27	30.4	6.05	36.2	7.66	42.1	9.49	45.0	10.48	47.9	11.51	49.5	11.84	50.6	11.95
	29	30.4	6.43	36.2	8.17	42.1	10.14	45.0	11.20	47.7	12.23	48.9	12.34	50.0	12.43
	31	30.4	6.85	36.2	8.72	42.1	10.81	45.0	11.95	47.1	12.70	48.1	12.81	49.2	12.92
	33	30.4	7.28	36.2	9.29	42.1	11.53	45.0	12.76	46.3	13.18	47.4	13.29	48.5	13.42
	35	30.4	7.73	36.2	9.88	42.1	12.30	45.0	13.60	45.5	13.65	46.6	13.78	47.7	13.89
	37	30.4	8.23	36.2	10.52	42.1	13.10	44.2	14.08	44.8	14.15	46.0	14.28	46.9	14.39
	39	30.4	8.74	36.2	11.18	42.1	13.95	43.6	14.55	44.0	14.63	45.2	14.75	46.3	14.90
	41	30.4	9.15	36.2	11.59	42.1	14.46	42.9	14.66	43.7	14.85	44.4	15.10	45.6	15.21
	43	30.4	9.56	36.2	12.00	42.1	14.73	42.2	14.83	43.4	14.99	44.6	15.20	44.8	15.38
	45	30.4	10.10	36.2	12.54	42.1	14.98	41.3	15.03	43.2	15.27	44.3	15.43	43.9	15.58
	48	30.4	10.55	36.2	12.98	42.1	15.00	39.6	15.20	43.1	15.54	41.6	15.59	42.9	15.73

Cooling capacity tables**MDV-V450W/DRN1**

TC: Total Capacity (kW); PI: Power Input (kW) (Compressor + Outdoor fan motor)

Combination (%)	Outdoor temp. (°C)	Indoor temperature(°C DB/WD)													
		20.8/14		23.3/16		25.8/18		27/19		28.2/20		30.7/22		32/24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90%	-5	27.3	3.78	32.6	4.53	37.9	5.35	40.5	5.83	43.1	6.20	48.4	7.13	53.7	8.17
	-2	27.3	3.81	32.6	4.58	37.9	5.41	40.5	5.91	43.1	6.28	48.4	7.20	53.7	8.25
	0	27.3	3.87	32.6	4.64	37.9	5.50	40.5	5.98	43.1	6.36	48.4	7.29	53.7	8.31
	2	27.3	3.93	32.6	4.69	37.9	5.55	40.5	6.08	43.1	6.46	48.4	7.44	53.7	8.44
	4	27.3	3.99	32.6	4.76	37.9	5.65	40.5	6.16	43.1	6.54	48.4	7.55	53.7	8.56
	6	27.3	4.04	32.6	4.86	37.9	5.75	40.5	6.27	43.1	6.66	48.4	7.67	53.7	8.70
	8	27.3	4.12	32.6	4.95	37.9	5.87	40.5	6.36	43.1	6.77	48.4	7.81	53.7	8.78
	10	27.3	4.20	32.6	5.06	37.9	5.97	40.5	6.45	43.1	6.93	48.4	7.91	53.7	8.93
	12	27.3	4.27	32.6	5.15	37.9	6.09	40.5	6.56	43.1	7.06	48.4	8.06	53.7	9.09
	14	27.3	4.34	32.6	5.24	37.9	6.19	40.5	6.69	43.1	7.18	48.4	8.21	53.7	9.26
	16	27.3	4.42	32.6	5.33	37.9	6.32	40.5	6.82	43.1	7.33	48.4	8.38	53.5	9.42
	18	27.3	4.49	32.6	5.44	37.9	6.43	40.5	6.95	43.1	7.48	48.4	8.54	52.9	9.71
	20	27.3	4.58	32.6	5.57	37.9	6.56	40.5	7.09	43.1	7.75	48.4	9.18	52.1	10.17
	21	27.3	4.62	32.6	5.61	37.9	6.67	40.5	7.33	43.1	8.03	48.4	9.51	51.8	10.41
	23	27.3	4.71	32.6	5.83	37.9	7.15	40.5	7.86	43.1	8.61	48.4	10.21	50.9	10.89
	25	27.3	4.97	32.6	6.23	37.9	7.64	40.5	8.41	43.1	9.20	48.4	10.92	50.3	11.36
	27	27.3	5.28	32.6	6.63	37.9	8.16	40.5	8.98	43.1	9.84	48.4	11.69	49.5	11.84
	29	27.3	5.63	32.6	7.07	37.9	8.71	40.5	9.59	43.1	10.52	47.9	12.23	48.9	12.32
	31	27.3	5.97	32.6	7.53	37.9	9.27	40.5	10.23	43.1	11.22	47.1	12.70	48.1	12.81
	33	27.3	6.34	32.6	8.01	37.9	9.90	40.5	10.90	43.1	11.97	46.4	13.20	47.4	13.29
	35	27.3	6.74	32.6	8.52	37.9	10.54	40.5	11.62	43.1	12.76	45.6	13.67	46.6	13.78
	37	27.3	7.15	32.6	9.05	37.9	11.22	40.5	12.37	43.1	13.60	44.8	14.15	46.0	14.26
	39	27.3	7.59	32.6	9.64	37.9	11.93	40.5	13.18	43.1	14.48	44.2	14.64	45.2	14.75
	41	27.3	7.85	32.6	10.08	37.9	12.37	40.5	13.53	43.1	14.57	43.9	15.02	44.9	15.10
	43	27.3	8.23	32.6	10.51	37.9	12.80	40.5	13.88	43.1	14.88	43.7	15.21	44.5	15.34
	45	27.3	8.75	32.6	11.04	37.9	13.33	40.5	14.34	43.1	15.29	43.4	15.37	43.8	15.54
	48	27.3	9.24	32.6	11.55	37.9	13.83	40.5	14.52	43.1	15.42	43.1	15.59	42.6	15.75
80%	-5	24.3	3.33	28.9	3.93	33.6	4.66	36.0	4.95	38.4	5.33	43.1	6.17	47.7	7.04
	-2	24.3	3.38	28.9	3.98	33.6	4.70	36.0	5.03	38.4	5.38	43.1	6.23	47.7	7.11
	0	24.3	3.44	28.9	4.03	33.6	4.76	36.0	5.09	38.4	5.48	43.1	6.31	47.7	7.20
	2	24.3	3.50	28.9	4.09	33.6	4.83	36.0	5.19	38.4	5.58	43.1	6.44	47.7	7.34
	4	24.3	3.56	28.9	4.16	33.6	4.92	36.0	5.31	38.4	5.68	43.1	6.56	47.7	7.44
	6	24.3	3.62	28.9	4.26	33.6	4.99	36.0	5.42	38.4	5.78	43.1	6.66	47.7	7.57
	8	24.3	3.69	28.9	4.36	33.6	5.11	36.0	5.51	38.4	5.91	43.1	6.75	47.7	7.71
	10	24.3	3.72	28.9	4.45	33.6	5.24	36.0	5.65	38.4	6.05	43.1	6.91	47.7	7.79
	12	24.3	3.78	28.9	4.53	33.6	5.33	36.0	5.76	38.4	6.18	43.1	7.04	47.7	7.94
	14	24.3	3.85	28.9	4.62	33.6	5.43	36.0	5.85	38.4	6.29	43.1	7.17	47.7	8.08
	16	24.3	3.90	28.9	4.69	33.6	5.54	36.0	5.96	38.4	6.40	43.1	7.31	47.7	8.23
	18	24.3	3.98	28.9	4.78	33.6	5.65	36.0	6.09	38.4	6.53	43.1	7.46	47.7	8.40
	20	24.3	4.05	28.9	4.88	33.6	5.76	36.0	6.20	38.4	6.65	43.1	7.74	47.7	8.98
	21	24.3	4.09	28.9	4.91	33.6	5.81	36.0	6.27	38.4	6.80	43.1	8.01	47.7	9.31
	23	24.3	4.16	28.9	5.02	33.6	6.09	36.0	6.67	38.4	7.28	43.1	8.58	47.7	9.99
	25	24.3	4.29	28.9	5.33	33.6	6.51	36.0	7.13	38.4	7.77	43.1	9.18	47.7	10.69
	27	24.3	4.56	28.9	5.68	33.6	6.93	36.0	7.61	38.4	8.30	43.1	9.81	47.7	11.44
	29	24.3	4.86	28.9	6.05	33.6	7.39	36.0	8.10	38.4	8.87	43.1	10.47	47.7	12.23
	31	24.3	5.15	28.9	6.43	33.6	7.86	36.0	8.63	38.4	9.46	43.1	11.18	46.9	12.70
	33	24.3	5.48	28.9	6.84	33.6	8.38	36.0	9.20	38.4	10.06	43.1	11.91	46.3	13.18
	35	24.3	5.81	28.9	7.28	33.6	8.91	36.0	9.79	38.4	10.72	43.1	12.70	45.5	13.66
	37	24.3	6.16	28.9	7.72	33.6	9.48	36.0	10.43	38.4	11.42	43.1	13.55	44.8	14.13
	39	24.3	6.53	28.9	8.23	33.6	10.08	36.0	11.09	38.4	12.15	43.1	14.43	44.0	14.63
	41	24.3	6.67	28.9	8.30	33.6	10.23	36.0	11.38	38.4	12.37	43.1	14.79	43.8	14.88
	43	24.3	6.87	28.9	8.38	33.6	10.38	36.0	11.58	38.4	12.54	43.1	14.96	43.5	15.04
	45	24.3	7.06	28.9	8.47	33.6	10.58	36.0	11.82	38.4	12.76	43.1	15.13	43.0	15.29
	48	24.3	7.30	28.9	8.53	33.6	10.74	36.0	11.98	38.4	12.87	43.1	15.28	42.6	15.50

Cooling capacity tables**MDV-V450W/DRN1**

TC: Total Capacity (kW); PI: Power Input (kW) (Compressor + Outdoor fan motor)

Combination (%)	Outdoor temp. (°C)	Indoor temperature(°C DB/WD)													
		20.8/14		23.3/16		25.8/18		27/19		28.2/20		30.7/22		32/24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70%	-5	21.2	2.97	25.4	3.48	29.4	3.95	31.5	4.23	33.6	4.52	37.6	5.17	41.8	5.94
	-2	21.2	2.99	25.4	3.50	29.4	3.97	31.5	4.31	33.6	4.60	37.6	5.25	41.8	6.02
	0	21.2	3.01	25.4	3.55	29.4	4.05	31.5	4.39	33.6	4.68	37.6	5.35	41.8	6.10
	2	21.2	3.03	25.4	3.56	29.4	4.12	31.5	4.48	33.6	4.76	37.6	5.47	41.8	6.20
	4	21.2	3.07	25.4	3.65	29.4	4.21	31.5	4.56	33.6	4.87	37.6	5.56	41.8	6.35
	6	21.2	3.12	25.4	3.72	29.4	4.31	31.5	4.70	33.6	4.98	37.6	5.66	41.8	6.47
	8	21.2	3.17	25.4	3.82	29.4	4.41	31.5	4.78	33.6	5.09	37.6	5.82	41.8	6.59
	10	21.2	3.24	25.4	3.89	29.4	4.53	31.5	4.88	33.6	5.22	37.6	5.94	41.8	6.67
	12	21.2	3.32	25.4	3.94	29.4	4.62	31.5	4.97	33.6	5.32	37.6	6.05	41.8	6.80
	14	21.2	3.37	25.4	4.01	29.4	4.69	31.5	5.04	33.6	5.41	37.6	6.16	41.8	6.93
	16	21.2	3.43	25.4	4.09	29.4	4.78	31.5	5.15	33.6	5.52	37.6	6.27	41.8	7.06
	18	21.2	3.48	25.4	4.16	29.4	4.88	31.5	5.24	33.6	5.61	37.6	6.40	41.8	7.20
	20	21.2	3.54	25.4	4.23	29.4	4.97	31.5	5.33	33.6	5.72	37.6	6.53	41.8	7.40
	21	21.2	3.57	25.4	4.27	29.4	5.00	31.5	5.39	33.6	5.77	37.6	6.62	41.8	7.66
	23	21.2	3.63	25.4	4.34	29.4	5.11	31.5	5.57	33.6	6.07	37.6	7.09	41.8	8.21
	25	21.2	3.70	25.4	4.53	29.4	5.44	31.5	5.96	33.6	6.47	37.6	7.59	41.8	8.78
	27	21.2	3.92	25.4	4.82	29.4	5.81	31.5	6.34	33.6	6.91	37.6	8.10	41.8	9.39
	29	21.2	4.16	25.4	5.11	29.4	6.18	31.5	6.76	33.6	7.35	37.6	8.63	41.8	10.03
	31	21.2	4.40	25.4	5.43	29.4	6.58	31.5	7.19	33.6	7.83	37.6	9.20	41.8	10.69
	33	21.2	4.67	25.4	5.77	29.4	7.00	31.5	7.64	33.6	8.34	37.6	9.81	41.8	11.40
	35	21.2	4.95	25.4	6.12	29.4	7.42	31.5	8.14	33.6	8.87	37.6	10.45	41.8	12.15
	37	21.2	5.22	25.4	6.49	29.4	7.90	31.5	8.63	33.6	9.44	37.6	11.13	41.8	12.94
	39	21.2	5.54	25.4	6.87	29.4	8.38	31.5	9.18	33.6	10.03	37.6	11.82	41.8	13.78
	41	21.2	5.78	25.4	7.12	29.4	8.62	31.5	9.49	33.6	10.33	37.6	12.31	41.8	14.39
	43	21.2	6.25	25.4	7.61	29.4	8.98	31.5	10.00	33.6	10.64	37.6	12.76	41.8	14.84
	45	21.2	6.39	25.4	7.77	29.4	9.16	31.5	10.16	33.6	11.17	37.6	13.45	41.8	15.41
	48	21.2	6.55	25.4	7.84	29.4	9.26	31.5	10.32	33.6	11.47	37.6	14.05	41.8	15.77
60%	-5	18.2	2.53	21.7	2.94	25.2	3.43	27.0	3.65	28.8	3.94	32.3	4.42	35.8	5.08
	-2	18.2	2.55	21.7	2.99	25.2	3.49	27.0	3.70	28.8	3.98	32.3	4.49	35.8	5.11
	0	18.2	2.59	21.7	3.02	25.2	3.53	27.0	3.75	28.8	4.05	32.3	4.56	35.8	5.17
	2	18.2	2.63	21.7	3.09	25.2	3.60	27.0	3.82	28.8	4.10	32.3	4.65	35.8	5.24
	4	18.2	2.71	21.7	3.15	25.2	3.67	27.0	3.87	28.8	4.16	32.3	4.72	35.8	5.31
	6	18.2	2.73	21.7	3.21	25.2	3.74	27.0	3.95	28.8	4.25	32.3	4.82	35.8	5.44
	8	18.2	2.79	21.7	3.26	25.2	3.81	27.0	4.03	28.8	4.33	32.3	4.91	35.8	5.53
	10	18.2	2.84	21.7	3.34	25.2	3.87	27.0	4.14	28.8	4.42	32.3	5.00	35.8	5.61
	12	18.2	2.90	21.7	3.39	25.2	3.94	27.0	4.22	28.8	4.49	32.3	5.09	35.8	5.70
	14	18.2	2.93	21.7	3.45	25.2	4.00	27.0	4.29	28.8	4.58	32.3	5.19	35.8	5.81
	16	18.2	2.97	21.7	3.50	25.2	4.07	27.0	4.36	28.8	4.66	32.3	5.28	35.8	5.92
	18	18.2	3.02	21.7	3.56	25.2	4.14	27.0	4.43	28.8	4.75	32.3	5.37	35.8	6.03
	20	18.2	3.06	21.7	3.63	25.2	4.22	27.0	4.53	28.8	4.84	32.3	5.48	35.8	6.16
	21	18.2	3.10	21.7	3.65	25.2	4.25	27.0	4.56	28.8	4.87	32.3	5.53	35.8	6.21
	23	18.2	3.13	21.7	3.72	25.2	4.32	27.0	4.66	28.8	4.97	32.3	5.75	35.8	6.62
	25	18.2	3.19	21.7	3.78	25.2	4.49	27.0	4.87	28.8	5.28	32.3	6.14	35.8	7.06
	27	18.2	3.32	21.7	4.01	25.2	4.78	27.0	5.20	28.8	5.63	32.3	6.54	35.8	7.53
	29	18.2	3.50	21.7	4.25	25.2	5.09	27.0	5.53	28.8	5.99	32.3	6.98	35.8	8.05
	31	18.2	3.72	21.7	4.51	25.2	5.41	27.0	5.88	28.8	6.38	32.3	7.42	35.8	8.56
	33	18.2	3.92	21.7	4.78	25.2	5.74	27.0	6.25	28.8	6.78	32.3	7.90	35.8	9.13
	35	18.2	4.16	21.7	5.08	25.2	6.08	27.0	6.63	28.8	7.20	32.3	8.41	35.8	9.71
	37	18.2	4.40	21.7	5.37	25.2	6.45	27.0	7.04	28.8	7.64	32.3	8.94	35.8	10.34
	39	18.2	4.64	21.7	5.68	25.2	6.84	27.0	7.46	28.8	8.12	32.3	9.49	35.8	11.00
	41	18.2	4.79	21.7	5.93	25.2	7.08	27.0	7.76	28.8	8.42	32.3	9.94	35.8	11.49
	43	18.2	4.94	21.7	6.18	25.2	7.33	27.0	7.99	28.8	8.71	32.3	10.36	35.8	11.99
	45	18.2	5.17	21.7	6.49	25.2	7.63	27.0	8.29	28.8	9.14	32.3	10.83	35.8	12.65
	48	18.2	5.36	21.7	6.78	25.2	7.89	27.0	8.50	28.8	9.50	32.3	11.22	35.8	13.25

Cooling capacity tables**MDV-V450W/DRN1**

TC: Total Capacity (kW); PI: Power Input (kW) (Compressor + Outdoor fan motor)

Combination (%)	Outdoor temp. (°C)	Indoor temperature(°C DB/WD)													
		20.8/14		23.3/16		25.8/18		27/19		28.2/20		30.7/22		32/24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50%	-5	15.2	2.20	18.2	2.55	21.1	2.92	22.5	3.06	23.9	3.23	26.8	3.67	29.9	3.96
	-2	15.2	2.22	18.2	2.60	21.1	2.96	22.5	3.10	23.9	3.29	26.8	3.72	29.9	4.01
	0	15.2	2.25	18.2	2.64	21.1	3.01	22.5	3.15	23.9	3.33	26.8	3.78	29.9	4.08
	2	15.2	2.29	18.2	2.67	21.1	3.06	22.5	3.19	23.9	3.38	26.8	3.80	29.9	4.16
	4	15.2	2.31	18.2	2.72	21.1	3.09	22.5	3.23	23.9	3.45	26.8	3.90	29.9	4.27
	6	15.2	2.35	18.2	2.76	21.1	3.14	22.5	3.30	23.9	3.52	26.8	3.95	29.9	4.39
	8	15.2	2.41	18.2	2.81	21.1	3.19	22.5	3.38	23.9	3.56	26.8	4.02	29.9	4.53
	10	15.2	2.46	18.2	2.84	21.1	3.24	22.5	3.43	23.9	3.67	26.8	4.12	29.9	4.60
	12	15.2	2.47	18.2	2.88	21.1	3.30	22.5	3.50	23.9	3.74	26.8	4.20	29.9	4.67
	14	15.2	2.51	18.2	2.91	21.1	3.34	22.5	3.57	23.9	3.79	26.8	4.27	29.9	4.77
	16	15.2	2.55	18.2	2.95	21.1	3.39	22.5	3.63	23.9	3.85	26.8	4.34	29.9	4.84
	18	15.2	2.58	18.2	3.01	21.1	3.45	22.5	3.68	23.9	3.92	26.8	4.42	29.9	4.93
	20	15.2	2.62	18.2	3.04	21.1	3.50	22.5	3.74	23.9	4.00	26.8	4.49	29.9	5.02
	21	15.2	2.64	18.2	3.08	21.1	3.54	22.5	3.78	23.9	4.03	26.8	4.55	29.9	5.08
	23	15.2	2.68	18.2	3.12	21.1	3.59	22.5	3.85	23.9	4.11	26.8	4.62	29.9	5.19
	25	15.2	2.71	18.2	3.17	21.1	3.67	22.5	3.92	23.9	4.23	26.8	4.86	29.9	5.53
	27	15.2	2.77	18.2	3.30	21.1	3.87	22.5	4.18	23.9	4.49	26.8	5.17	29.9	5.90
	29	15.2	2.91	18.2	3.48	21.1	4.11	22.5	4.44	23.9	4.78	26.8	5.50	29.9	6.29
	31	15.2	3.08	18.2	3.68	21.1	4.34	22.5	4.71	23.9	5.08	26.8	5.85	29.9	6.69
	33	15.2	3.26	18.2	3.90	21.1	4.62	22.5	4.98	23.9	5.39	26.8	6.21	29.9	7.11
	35	15.2	3.45	18.2	4.12	21.1	4.87	22.5	5.28	23.9	5.70	26.8	6.60	29.9	7.55
	37	15.2	3.63	18.2	4.36	21.1	5.17	22.5	5.59	23.9	6.05	26.8	7.00	29.9	8.03
	39	15.2	3.83	18.2	4.60	21.1	5.46	22.5	5.92	23.9	6.41	26.8	7.42	29.9	8.52
	41	15.2	3.99	18.2	4.80	21.1	5.66	22.5	6.20	23.9	6.69	26.8	7.82	29.9	8.92
	43	15.2	4.25	18.2	5.13	21.1	5.86	22.5	6.47	23.9	6.86	26.8	8.21	29.9	9.31
	45	15.2	4.35	18.2	5.26	21.1	6.25	22.5	6.98	23.9	7.15	26.8	9.01	29.9	10.11
	48	15.2	4.45	18.2	5.41	21.1	6.62	22.5	7.42	23.9	7.47	26.8	9.73	29.9	10.87

7.2 Heating capacity tables**MDV-V200W/DRN1**

TC: Total Capacity (kW); PI: Power Input (kW) (Compressor + Outdoor fan motor)

Combination (%)	Outdoor Air temperature		Indoor temperature(°C WB)											
			16		18		20		21		22		24	
	°C DB	°C WB	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
130%	-13.7	-15	15.6	4.82	15.6	5.10	15.5	5.38	15.5	5.51	15.4	5.66	15.4	5.93
	-11.8	-13	16.3	5.04	16.3	5.31	16.2	5.57	16.1	5.70	16.1	5.84	16.1	6.10
	-9.8	-11	17.0	5.26	17.0	5.51	16.9	5.77	16.9	5.89	16.9	6.02	16.8	6.27
	-9.5	-10	17.5	5.37	17.4	5.62	17.3	5.86	17.3	5.99	17.3	6.11	17.3	6.35
	-8.5	-9.1	17.8	5.47	17.7	5.70	17.7	5.95	17.7	6.07	17.7	6.19	17.6	6.43
	-7	-7.6	18.4	5.62	18.4	5.86	18.4	6.09	18.4	6.21	18.3	6.32	18.2	6.56
	-5	-5.6	19.4	5.84	19.3	6.06	19.3	6.28	19.3	6.39	19.2	6.50	19.2	6.72
	-3	-3.7	20.3	6.03	20.3	6.24	20.3	6.45	20.2	6.56	20.2	6.66	20.1	6.87
	0	-0.7	21.9	6.32	21.9	6.52	21.9	6.71	21.9	6.78	21.8	6.91	21.8	7.10
	3	2.2	23.7	6.58	23.6	6.77	23.5	6.95	23.5	7.03	23.5	7.13	23.5	7.30
	5	4.1	24.9	6.75	24.8	6.92	24.8	7.09	24.7	7.18	24.7	7.26	24.7	7.43
	7	6	26.1	6.91	26.1	7.07	26.1	7.23	26.0	7.31	26.0	7.39	24.9	7.10
	9	7.9	27.4	7.05	27.4	7.21	27.4	7.36	27.3	7.44	26.7	7.28	24.9	6.67
	11	9.8	28.8	7.19	28.8	7.34	28.6	7.43	27.7	7.14	26.7	6.84	24.9	6.28
	13	11.8	30.4	7.33	30.3	7.47	28.6	6.96	27.7	6.69	26.7	6.42	24.9	5.89
	15	13.7	31.8	7.45	30.5	7.07	28.6	6.56	27.7	6.31	26.7	6.05	24.9	5.56
120%	-13.7	-15	15.6	5.20	15.5	5.45	15.4	5.70	15.4	5.84	15.4	5.97	15.4	6.22
	-11.8	-13	16.2	5.40	16.2	5.64	16.1	5.89	16.1	6.01	16.1	6.13	16.1	6.38
	-9.8	-11	17.0	5.60	16.9	5.83	16.9	6.07	16.8	6.19	16.8	6.30	16.8	6.54
	-9.5	-10	17.4	5.70	17.3	5.93	17.3	6.16	17.3	6.27	17.3	6.39	17.2	6.61
	-8.5	-9.1	17.7	5.79	17.7	6.01	17.7	6.23	17.6	6.35	17.6	6.46	17.5	6.69
	-7	-7.6	18.4	5.94	18.4	6.16	18.3	6.37	18.3	6.48	18.2	6.58	18.2	6.80
	-5	-5.6	19.3	6.13	19.3	6.34	19.2	6.54	19.2	6.65	19.2	6.75	19.1	6.95
	-3	-3.7	20.3	6.31	20.3	6.51	20.2	6.70	20.2	6.80	20.1	6.90	20.1	7.09
	0	-0.7	21.9	6.58	21.9	6.77	21.8	6.94	21.8	7.04	21.7	7.12	21.7	7.30
	3	2.2	23.6	6.83	23.5	7.00	23.5	7.16	23.5	7.25	23.5	7.33	23.0	7.29
	5	4.1	24.8	6.98	24.7	7.14	24.7	7.30	24.7	7.38	24.7	7.46	23.0	6.84
	7	6	26.1	7.12	26.1	7.27	26.0	7.42	25.6	7.32	24.7	7.02	23.0	6.44
	9	7.9	27.4	7.26	27.3	7.41	26.4	7.16	25.6	6.88	24.7	6.60	23.0	6.06
	11	9.8	28.8	7.39	28.1	7.26	26.4	6.73	25.6	6.47	24.7	6.21	23.0	5.71
	13	11.8	29.8	7.32	28.1	6.81	26.4	6.31	25.6	6.08	24.7	5.84	23.0	5.37
	15	13.7	29.8	6.89	28.1	6.42	26.4	5.96	25.6	5.73	24.7	5.51	23.0	5.07
110%	-13.7	-15	15.5	5.57	15.4	5.81	15.4	6.04	15.4	6.16	15.4	6.27	15.3	6.50
	-11.8	-13	16.1	5.76	16.1	5.98	16.1	6.20	16.1	6.31	16.0	6.43	16.0	6.65
	-9.8	-11	16.9	5.94	16.8	6.16	16.8	6.37	16.8	6.48	16.8	6.58	16.8	6.80
	-9.5	-10	17.3	6.04	17.3	6.24	17.2	6.46	17.2	6.56	17.2	6.66	17.1	6.87
	-8.5	-9.1	17.7	6.12	17.6	6.32	17.6	6.53	17.5	6.63	17.5	6.73	17.5	6.14
	-7	-7.6	18.3	6.26	18.3	6.45	18.2	6.65	18.2	6.75	18.2	6.84	18.2	7.04
	-5	-5.6	19.3	6.43	19.2	6.62	19.1	6.81	19.1	6.90	19.1	7.00	19.1	7.19
	-3	-3.7	20.2	6.60	20.2	6.77	20.1	6.96	20.1	7.04	20.0	7.13	20.0	7.31
	0	-0.7	21.8	6.84	21.8	7.01	21.7	7.18	21.7	7.26	21.7	7.34	21.1	7.20
	3	2.2	23.5	7.07	23.5	7.23	23.5	7.38	23.4	7.45	22.6	7.15	21.1	6.55
	5	4.1	24.7	7.21	24.7	7.36	24.2	7.29	23.4	7.00	22.6	6.72	21.1	6.16
	7	6	26.0	7.34	25.8	7.39	24.2	6.84	23.4	6.58	22.6	6.31	21.1	5.80
	9	7.9	27.3	7.46	25.8	6.95	24.2	6.44	23.4	6.19	22.6	5.94	21.1	5.47
	11	9.8	27.3	7.02	25.8	6.54	24.2	6.06	23.4	5.83	22.6	5.60	21.1	5.16
	13	11.8	27.3	6.58	25.8	6.13	24.2	5.70	23.4	5.48	22.6	5.27	21.1	4.86
	15	13.7	27.3	5.85	25.8	5.78	24.2	5.38	23.4	5.17	22.6	4.98	21.1	4.59

Heating capacity tables**MDV-V200W/DRN1**

TC: Total Capacity (kW); PI: Power Input (kW) (Compressor + Outdoor fan motor)

Combination (%)	Outdoor Air temperature		Indoor temperature(°C WB)											
			16		18		20		21		22		24	
	°C DB	°C WB	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	-13.7	-15	15.4	5.94	15.4	6.16	15.3	6.37	15.3	6.48	15.3	6.58	15.2	6.80
	-11.8	-13	16.1	6.12	16.1	6.31	16.0	6.52	16.0	6.62	16.0	6.73	15.9	6.93
	-9.8	-11	16.8	6.28	16.8	6.48	16.8	6.67	16.8	6.77	16.7	6.87	16.7	7.06
	-9.5	-10	17.3	6.37	17.2	6.56	17.2	6.75	17.1	6.84	17.1	6.94	17.0	7.13
	-8.5	-9.1	17.6	6.44	17.5	6.63	17.5	6.81	17.5	6.91	17.5	7.00	17.5	7.19
	-7	-7.6	18.2	6.57	18.2	6.75	18.2	6.92	18.2	7.02	18.2	7.11	18.1	7.29
	-5	-5.6	19.2	6.73	19.1	6.90	19.1	7.07	19.1	7.15	19.1	7.24	19.0	7.42
	-3	-3.7	20.1	6.88	20.1	6.25	20.0	7.21	20.0	7.29	20.0	7.37	19.2	7.06
	0	-0.7	21.7	7.11	21.7	7.26	21.7	7.41	21.3	7.29	20.6	6.99	19.2	6.41
	3	2.2	23.5	7.31	23.4	7.45	22.0	6.89	21.3	6.62	20.6	6.36	19.2	5.84
	5	4.1	24.7	7.45	23.4	7.00	22.0	6.48	21.3	6.23	20.6	5.99	19.2	5.51
	7	6	24.8	7.07	23.4	6.58	22.0	6.10	21.3	5.87	20.6	5.64	19.2	5.19
	9	7.9	24.8	6.64	23.4	6.19	22.0	5.74	21.3	5.46	20.6	5.32	19.2	4.90
	11	9.8	24.8	6.25	23.4	5.83	22.0	5.42	21.3	5.21	20.6	5.01	19.2	4.63
	13	11.8	24.8	5.87	23.4	5.48	22.0	5.10	21.3	4.91	20.6	4.73	19.2	4.37
	15	13.7	24.8	5.54	23.4	5.17	22.0	4.82	21.3	4.64	20.6	4.47	19.2	4.14
90%	-13.7	-15	15.3	6.32	15.3	6.51	15.3	6.70	15.2	6.80	15.2	6.89	15.2	7.08
	-11.8	-13	16.0	6.47	16.0	6.65	15.9	6.84	15.9	6.93	15.9	7.02	15.8	7.20
	-9.8	-11	16.7	6.62	16.7	6.80	16.7	6.97	16.7	7.06	16.7	7.15	16.6	7.33
	-9.5	-10	17.2	6.70	17.1	6.88	17.1	7.04	17.0	7.13	17.0	7.22	17.0	7.38
	-8.5	-9.1	17.5	6.77	17.5	6.94	17.4	7.11	17.4	7.19	17.4	7.27	17.2	7.34
	-7	-7.6	18.1	6.88	18.1	7.04	18.1	7.21	18.1	7.29	18.1	7.37	17.2	7.01
	-5	-5.6	19.1	7.03	19.0	7.19	19.0	7.34	19.0	7.42	18.5	7.19	17.2	6.59
	-3	-3.7	20.0	7.17	20.0	7.31	19.8	7.34	19.1	7.05	18.5	6.77	17.2	6.21
	0	-0.7	21.7	7.38	21.1	7.19	19.8	6.66	19.1	6.40	18.5	6.15	17.2	5.65
	3	2.2	22.3	7.03	21.1	6.54	19.8	6.07	19.1	5.84	18.5	5.61	17.2	5.16
	5	4.1	22.3	6.61	21.1	6.16	19.8	5.72	19.1	5.50	18.5	5.29	17.2	4.87
	7	6	22.3	6.21	21.1	5.80	19.8	5.39	19.1	5.19	18.5	4.99	17.2	4.60
	9	7.9	22.3	5.85	21.1	5.46	19.8	5.08	19.1	4.90	18.5	4.71	17.2	4.35
	11	9.8	22.3	5.51	21.1	5.15	19.8	4.80	19.1	4.63	18.5	4.45	17.2	4.12
	13	11.8	22.3	5.19	21.1	4.86	19.8	4.52	19.1	4.37	18.5	4.21	17.2	3.89
	15	13.7	22.3	4.90	21.1	4.59	19.8	4.29	19.1	4.13	18.5	3.98	17.2	3.69
80%	-13.7	-15	15.3	6.69	15.2	6.86	15.2	7.03	15.2	7.11	15.2	7.20	15.2	7.37
	-11.8	-13	15.9	6.83	15.9	6.99	15.9	7.15	15.9	7.23	15.9	7.32	15.4	7.12
	-9.8	-11	16.7	6.96	16.7	7.12	16.6	7.28	16.6	7.35	16.5	7.34	15.4	6.73
	-9.5	-10	17.1	7.03	17.0	7.18	17.0	7.34	17.0	7.41	16.5	7.12	15.4	6.53
	-8.5	-9.1	17.5	7.10	16.2	7.25	17.4	7.39	17.0	7.22	16.5	6.93	15.4	6.35
	-7	-7.6	18.1	7.20	18.1	7.34	17.6	7.18	17.0	6.90	16.5	6.62	15.4	6.08
	-5	-5.6	19.1	7.33	18.7	7.29	17.6	6.75	17.0	6.49	16.5	6.23	15.4	5.72
	-3	-3.7	19.8	7.37	18.7	6.86	17.6	6.35	17.0	6.12	16.5	5.87	15.4	5.40
	0	-0.7	19.8	6.69	18.7	6.23	17.6	5.78	17.0	5.57	16.5	5.35	15.4	4.93
	3	2.2	19.8	6.09	18.7	5.68	17.6	5.28	17.0	5.09	16.5	4.90	15.4	4.52
	5	4.1	19.8	5.74	18.7	5.35	17.6	4.98	17.0	4.80	16.5	4.63	15.4	4.27
	7	6	19.8	5.40	18.7	5.05	17.6	4.71	17.0	4.54	16.5	4.37	15.4	4.04
	9	7.9	19.8	5.10	18.7	4.77	17.6	4.44	17.0	4.29	16.5	4.14	15.4	3.83
	11	9.8	19.8	4.82	18.7	4.51	17.6	4.21	17.0	4.06	16.5	3.91	15.4	3.63
	13	11.8	19.8	4.54	18.7	4.25	17.6	3.98	17.0	3.83	16.5	3.70	15.4	3.43
	15	13.7	19.8	4.29	18.7	4.03	17.6	3.77	17.0	3.64	16.5	3.51	15.4	3.26

Heating capacity tables**MDV-V200W/DRN1**

TC: Total Capacity (kW); PI: Power Input (kW) (Compressor + Outdoor fan motor)

Combination (%)	Outdoor Air temperature		Indoor temperature(°C WB)											
			16		18		20		21		22		24	
	°C DB	°C WB	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
70%	-13.7	-15	15.2	7.07	15.1	7.22	15.1	7.37	14.8	7.26	14.4	6.96	13.4	6.38
	-11.8	-13	15.8	7.19	15.8	7.33	15.4	7.15	14.8	6.88	14.4	6.60	13.4	6.05
	-9.8	-11	16.6	7.30	16.4	7.30	15.4	6.76	14.8	6.50	14.4	6.23	13.4	5.73
	-9.5	-10	17.0	7.37	16.4	7.08	15.4	6.56	14.8	6.31	14.4	6.06	13.4	5.57
	-8.5	-9.1	17.4	7.41	16.4	6.89	15.4	6.38	14.8	6.14	14.4	5.90	13.4	5.43
	-7	-7.6	17.4	7.07	16.4	6.58	15.4	6.11	14.8	5.88	14.4	5.65	13.4	5.20
	-5	-5.6	17.4	6.65	16.4	6.19	15.4	5.75	14.8	5.53	14.4	5.53	13.4	4.90
	-3	-3.7	17.4	6.26	16.4	5.84	15.4	5.43	14.8	5.22	14.4	5.02	13.4	4.63
	0	-0.7	17.4	5.70	16.4	5.32	15.4	4.95	14.8	4.77	14.4	4.59	13.4	4.25
	3	2.2	17.4	5.20	16.4	4.87	15.4	4.54	14.8	4.37	14.4	4.21	13.4	3.90
	5	4.1	17.4	4.91	16.4	4.59	15.4	4.29	14.8	4.13	14.4	3.98	13.4	3.69
	7	6	17.4	4.64	16.4	4.35	15.4	4.06	14.8	3.91	14.4	3.78	13.4	3.50
	9	7.9	17.4	4.39	16.4	4.11	15.4	3.84	14.8	3.71	14.4	3.58	13.4	3.32
	11	9.8	17.4	4.15	16.4	3.89	15.4	3.64	14.8	3.52	14.4	3.40	13.4	3.15
	13	11.8	17.4	3.92	16.4	3.68	15.4	3.45	14.8	3.34	14.4	3.22	13.4	2.99
	15	13.7	17.4	3.72	16.4	3.49	15.4	3.27	14.8	3.17	14.4	3.06	13.4	2.85
60%	-13.7	-15	14.9	7.26	14.0	6.75	13.2	6.26	12.8	6.02	12.4	5.78	11.5	5.32
	-11.8	-13	14.9	6.87	14.0	6.39	13.2	5.93	12.8	5.71	12.4	5.49	11.5	5.08
	-9.8	-11	14.9	6.49	14.0	6.04	13.2	5.62	12.8	5.40	12.4	5.20	11.5	4.79
	-9.5	-10	14.9	6.31	14.0	5.88	13.2	5.46	12.8	5.26	12.4	5.05	11.5	4.66
	-8.5	-9.1	14.9	6.14	14.0	5.73	13.2	5.32	12.8	5.13	12.4	4.93	11.5	4.55
	-7	-7.6	14.9	5.87	14.0	5.48	13.2	5.09	12.8	4.91	12.4	4.72	11.5	4.36
	-5	-5.6	14.9	5.53	14.0	5.16	13.2	4.81	12.8	4.63	12.4	4.46	11.5	4.13
	-3	-3.7	14.9	5.22	14.0	4.88	13.2	4.55	12.8	4.39	12.4	4.22	11.5	3.91
	0	-0.7	14.9	4.77	14.0	4.47	13.2	4.17	12.8	4.02	12.4	3.87	11.5	3.59
	3	2.2	14.9	4.37	14.0	4.10	13.2	3.83	12.8	3.70	12.4	3.57	11.5	3.31
	5	4.1	14.9	4.14	14.0	3.88	13.2	3.63	12.8	3.51	12.4	3.38	11.5	3.14
	7	6	14.9	3.91	14.0	3.68	13.2	3.44	12.8	3.33	12.4	3.22	11.5	2.99
	9	7.9	14.9	3.71	14.0	3.49	13.2	3.26	12.8	3.16	12.4	3.05	11.5	2.84
	11	9.8	14.9	3.52	14.0	3.31	13.2	3.11	12.8	3.00	12.4	2.90	11.5	2.71
	13	11.8	14.9	3.33	14.0	3.14	13.2	2.95	12.8	2.85	12.4	2.76	11.5	2.57
	15	13.7	14.9	3.17	14.0	2.98	13.2	2.80	12.8	2.72	12.4	2.63	11.5	2.46
50%	-13.7	-15	12.4	5.81	11.7	5.43	11.0	5.05	10.6	4.86	10.2	4.68	9.5	4.33
	-11.8	-13	12.4	5.52	11.7	5.16	11.0	4.80	10.6	4.63	10.2	4.45	9.5	4.12
	-9.8	-11	12.4	5.23	11.7	4.89	11.0	4.55	10.6	4.39	10.2	4.23	9.5	3.91
	-9.5	-10	12.4	5.09	11.7	4.75	11.0	4.44	10.6	4.28	10.2	4.12	9.5	3.81
	-8.5	-9.1	12.4	4.96	11.7	4.64	11.0	4.33	10.6	4.17	10.2	4.02	9.5	3.72
	-7	-7.6	12.4	4.75	11.7	4.45	11.0	4.15	10.6	4.01	10.2	3.87	9.5	3.58
	-5	-5.6	12.4	4.48	11.7	4.21	11.0	3.93	10.6	3.79	10.2	3.66	9.5	3.39
	-3	-3.7	12.4	4.25	11.7	3.98	11.0	3.72	10.6	3.60	10.2	3.47	9.5	3.22
	0	-0.7	12.4	3.90	11.7	3.66	11.0	3.43	10.6	3.31	10.2	3.20	9.5	2.98
	3	2.2	12.4	3.59	11.7	3.37	11.0	3.16	10.6	3.06	10.2	2.95	9.5	2.76
	5	4.1	12.4	3.41	11.7	3.20	11.0	3.00	10.6	2.91	10.2	2.81	9.5	2.62
	7	6	12.4	3.23	11.7	3.04	11.0	2.86	10.6	2.76	10.2	2.68	9.5	2.50
	9	7.9	12.4	3.07	11.7	2.89	11.0	2.72	10.6	2.64	10.2	2.55	9.5	2.38
	11	9.8	12.4	2.92	11.7	2.75	11.0	2.59	10.6	2.51	10.2	2.43	9.5	2.27
	13	11.8	12.4	2.77	11.7	2.61	11.0	2.46	10.6	2.39	10.2	2.31	9.5	2.17
	15	13.7	12.4	2.64	11.7	2.50	11.0	2.35	10.6	2.28	10.2	2.21	9.5	2.08

Heating capacity tables**MDV-V224W/DRN1**

TC: Total Capacity (kW); PI: Power Input (kW) (Compressor + Outdoor fan motor)

Combination (%)	Outdoor Air temperature		Indoor temperature(°C WB)											
			16		18		20		21		22		24	
	°C DB	°C WB	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
130%	-13.7	-15	17.4	4.67	17.3	4.93	17.3	5.20	17.3	5.33	17.2	5.47	17.2	5.74
	-11.8	-13	18.1	4.87	18.1	5.13	18.0	5.39	18.0	5.52	18.0	5.65	17.9	5.90
	-9.8	-11	19.0	5.09	18.9	5.33	18.8	5.58	18.8	5.70	18.8	5.82	18.7	6.07
	-9.5	-10	19.4	5.19	19.4	5.43	19.3	5.67	19.3	5.79	19.2	5.91	19.2	6.14
	-8.5	-9.1	19.8	5.29	19.8	5.52	19.8	5.75	19.7	5.87	19.7	5.98	19.6	6.22
	-7	-7.6	20.5	5.44	20.5	5.67	20.5	5.89	20.5	6.01	20.4	6.11	20.3	6.34
	-5	-5.6	21.6	5.65	21.5	5.86	21.5	6.08	21.5	6.18	21.4	6.28	21.4	6.50
	-3	-3.7	22.6	5.83	22.6	6.04	22.6	6.24	22.5	6.34	22.5	6.44	22.4	6.64
	0	-0.7	24.4	6.11	24.4	6.31	24.3	6.49	24.3	6.56	24.3	6.68	24.3	6.87
	3	2.2	26.4	6.37	26.3	6.54	26.2	6.72	26.2	6.80	26.2	6.90	26.1	7.06
	5	4.1	27.7	6.53	27.6	6.70	27.6	6.86	27.5	6.94	27.5	7.03	27.5	7.19
	7	6	29.1	6.68	29.0	6.83	29.0	7.00	28.9	7.07	28.9	7.15	27.8	6.87
	9	7.9	30.6	6.82	30.5	6.97	30.5	7.12	30.4	7.20	29.8	7.04	27.8	6.45
	11	9.8	32.1	6.96	32.0	7.09	31.9	7.19	30.8	6.90	29.8	6.62	27.8	6.08
	13	11.8	33.8	7.09	33.8	7.23	31.9	6.74	30.8	6.47	29.8	6.21	27.8	5.70
	15	13.7	35.5	7.21	33.9	6.84	31.9	6.34	30.8	6.10	29.8	5.85	27.8	5.38
120%	-13.7	-15	17.3	5.03	17.3	5.27	17.2	5.52	17.2	5.65	17.2	5.77	17.1	6.02
	-11.8	-13	18.0	5.22	18.0	5.46	18.0	5.69	18.0	5.82	17.9	5.93	17.9	6.17
	-9.8	-11	18.9	5.42	18.8	5.64	18.8	5.87	18.7	5.98	18.7	6.09	18.7	6.32
	-9.5	-10	19.4	5.52	19.3	5.74	19.2	5.95	19.2	6.07	19.2	6.18	19.1	6.40
	-8.5	-9.1	19.8	5.60	19.7	5.82	19.7	6.03	19.6	6.14	19.6	6.25	19.5	6.47
	-7	-7.6	20.5	5.75	20.5	5.95	20.4	6.16	20.4	6.27	20.3	6.37	20.3	6.57
	-5	-5.6	21.5	5.93	21.5	6.13	21.4	6.33	21.4	6.43	21.4	6.53	21.3	6.72
	-3	-3.7	22.6	6.11	22.6	6.30	22.5	6.48	22.5	6.57	22.4	6.67	22.4	6.86
	0	-0.7	24.3	6.37	24.3	6.54	24.3	6.71	24.3	6.80	24.2	6.89	24.2	7.06
	3	2.2	26.3	6.61	26.2	6.77	26.2	6.93	26.1	7.01	26.1	7.09	25.6	7.05
	5	4.1	27.6	6.75	27.5	6.90	27.5	7.06	27.5	7.13	27.5	7.21	25.6	6.62
	7	6	29.0	6.89	29.0	7.03	28.9	7.18	28.5	7.08	27.5	6.79	25.6	6.23
	9	7.9	30.5	7.03	30.4	7.16	29.4	6.93	28.5	6.65	27.5	6.38	25.6	5.86
	11	9.8	32.0	7.15	31.3	7.03	29.4	6.51	28.5	6.26	27.5	6.01	25.6	5.52
	13	11.8	33.2	7.08	31.3	6.59	29.4	6.11	28.5	5.88	27.5	5.65	25.6	5.20
	15	13.7	33.2	6.67	31.3	6.21	29.4	5.76	28.5	5.54	27.5	5.33	25.6	4.90
110%	-13.7	-15	17.3	5.39	17.2	5.62	17.1	5.84	17.1	5.95	17.1	6.07	17.0	6.29
	-11.8	-13	18.0	5.57	18.0	5.78	17.9	6.00	17.9	6.11	17.8	6.21	17.8	6.44
	-9.8	-11	18.8	5.75	18.7	5.95	18.7	6.16	18.7	6.27	18.7	6.37	18.7	6.57
	-9.5	-10	19.3	5.84	19.2	6.04	19.1	6.25	19.1	6.34	19.1	6.44	19.1	6.64
	-8.5	-9.1	19.7	5.92	19.6	6.11	19.6	6.31	19.5	6.41	19.5	6.51	19.5	6.74
	-7	-7.6	20.4	6.05	20.4	6.24	20.3	6.43	20.3	6.53	20.3	6.62	20.2	6.81
	-5	-5.6	21.5	6.22	21.4	6.41	21.3	6.58	21.3	6.67	21.3	6.77	21.2	6.95
	-3	-3.7	22.5	6.38	22.5	6.55	22.4	6.73	22.4	6.81	22.3	6.90	22.3	7.07
	0	-0.7	24.3	6.62	24.3	6.78	24.2	6.94	24.2	7.02	24.2	7.10	23.5	6.96
	3	2.2	26.2	6.84	26.1	6.99	26.1	7.13	26.1	7.20	25.2	6.91	23.5	6.34
	5	4.1	27.5	6.97	27.5	7.12	27.0	7.05	26.1	6.77	25.2	6.50	23.5	5.96
	7	6	28.9	7.10	28.7	7.15	27.0	6.62	26.1	6.36	25.2	6.11	23.5	5.61
	9	7.9	30.4	7.22	28.7	6.72	27.0	6.23	26.1	5.98	25.2	5.75	23.5	5.29
	11	9.8	30.4	6.79	28.7	6.32	27.0	5.86	26.1	5.64	25.2	5.42	23.5	4.99
	13	11.8	30.4	6.37	28.7	5.93	27.0	5.51	26.1	5.30	25.2	5.10	23.5	4.70
	15	13.7	30.4	5.66	28.7	5.59	27.0	5.20	26.1	5.00	25.2	4.82	23.5	4.44

Heating capacity tables**MDV-V224W/DRN1**

TC: Total Capacity (kW); PI: Power Input (kW) (Compressor + Outdoor fan motor)

Combination (%)	Outdoor Air temperature		Indoor temperature(°C WB)											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100%	-13.7	-15	17.2	5.75	17.1	5.95	17.0	6.16	17.0	6.27	17.0	6.37	17.0	6.57
	-11.8	-13	17.9	5.92	17.9	6.11	17.8	6.31	17.8	6.41	17.8	6.51	17.7	6.70
	-9.8	-11	18.7	6.08	18.7	6.27	18.7	6.45	18.7	6.55	18.6	6.64	18.6	6.83
	-9.5	-10	19.2	6.16	19.1	6.34	19.1	6.53	19.1	6.62	19.1	6.71	19.0	6.90
	-8.5	-9.1	19.6	6.23	19.5	6.41	19.5	6.59	19.5	6.68	19.4	6.77	19.4	6.95
	-7	-7.6	20.3	6.35	20.3	6.53	20.2	6.70	20.2	6.79	20.2	6.87	20.1	7.05
	-5	-5.6	21.4	6.51	21.3	6.67	21.3	6.84	21.2	6.92	21.2	7.00	21.2	7.17
	-3	-3.7	22.4	6.66	22.4	6.05	22.3	6.97	22.3	7.05	22.3	7.13	21.4	6.83
	0	-0.7	24.2	6.87	24.2	7.02	24.1	7.16	23.7	7.05	22.9	6.76	21.4	6.20
	3	2.2	26.1	7.07	26.1	7.20	24.5	6.67	23.7	6.41	22.9	6.15	21.4	5.65
	5	4.1	27.5	7.20	26.1	6.77	24.5	6.27	23.7	6.03	22.9	5.79	21.4	5.33
	7	6	27.6	6.83	26.1	6.36	24.5	5.90	23.7	5.68	22.9	5.46	21.4	5.02
	9	7.9	27.6	6.42	26.1	5.98	24.5	5.56	23.7	5.28	22.9	5.14	21.4	4.74
	11	9.8	27.6	6.05	26.1	5.64	24.5	5.24	23.7	5.04	22.9	4.85	21.4	4.47
	13	11.8	27.6	5.68	26.1	5.30	24.5	4.93	23.7	4.75	22.9	4.57	21.4	4.22
	15	13.7	27.6	5.36	26.1	5.00	24.5	4.66	23.7	4.49	22.9	4.32	21.4	4.00
90%	-13.7	-15	17.1	6.11	17.0	6.30	17.0	6.48	16.9	6.57	16.9	6.67	16.9	6.85
	-11.8	-13	17.8	6.26	17.8	6.44	17.7	6.61	17.7	6.70	17.7	6.79	17.6	6.97
	-9.8	-11	18.6	6.41	18.6	6.57	18.6	6.74	18.6	6.83	18.6	6.92	18.5	7.09
	-9.5	-10	19.1	6.48	19.0	6.65	19.0	6.81	18.9	6.90	18.9	6.98	18.9	7.14
	-8.5	-9.1	19.5	6.55	19.5	6.71	19.4	6.87	19.4	6.95	19.4	7.03	19.2	7.10
	-7	-7.6	20.2	6.66	20.2	6.81	20.1	6.97	20.1	7.05	20.1	7.13	19.2	6.78
	-5	-5.6	21.3	6.80	21.2	6.95	21.2	7.10	21.1	7.17	20.6	6.95	19.2	6.37
	-3	-3.7	22.3	6.93	22.3	7.07	22.1	7.10	21.3	6.82	20.6	6.54	19.2	6.01
	0	-0.7	24.1	7.13	23.4	6.96	22.1	6.44	21.3	6.19	20.6	5.95	19.2	5.46
	3	2.2	24.8	6.80	23.4	6.33	22.1	5.87	21.3	5.65	20.6	5.42	19.2	5.00
	5	4.1	24.8	6.39	23.4	5.95	22.1	5.53	21.3	5.32	20.6	5.12	19.2	4.71
	7	6	24.8	6.01	23.4	5.61	22.1	5.21	21.3	5.02	20.6	4.83	19.2	4.45
	9	7.9	24.8	5.66	23.4	5.28	22.1	4.91	21.3	4.74	20.6	4.56	19.2	4.21
	11	9.8	24.8	5.33	23.4	4.98	22.1	4.64	21.3	4.47	20.6	4.31	19.2	3.98
	13	11.8	24.8	5.02	23.4	4.70	22.1	4.38	21.3	4.22	20.6	4.07	19.2	3.76
	15	13.7	24.8	4.74	23.4	4.44	22.1	4.15	21.3	4.00	20.6	3.85	19.2	3.57
80%	-13.7	-15	17.0	6.47	17.0	6.64	17.0	6.80	17.0	6.88	16.9	6.96	16.9	7.13
	-11.8	-13	17.7	6.60	17.7	6.77	17.7	6.92	17.7	7.00	17.7	7.08	17.1	6.89
	-9.8	-11	18.6	6.73	18.6	6.89	18.5	7.04	18.5	7.11	18.4	7.09	17.1	6.51
	-9.5	-10	19.1	6.80	19.0	6.95	19.0	7.09	19.0	7.17	18.4	6.89	17.1	6.31
	-8.5	-9.1	19.4	6.87	18.1	7.01	19.4	7.15	19.0	6.99	18.4	6.70	17.1	6.15
	-7	-7.6	20.1	6.96	20.1	7.10	19.6	6.95	19.0	6.67	18.4	6.41	17.1	5.88
	-5	-5.6	21.2	7.09	20.8	7.05	19.6	6.53	19.0	6.28	18.4	6.02	17.1	5.53
	-3	-3.7	22.1	7.13	20.8	6.64	19.6	6.15	19.0	5.92	18.4	5.68	17.1	5.23
	0	-0.7	22.1	6.47	20.8	6.02	19.6	5.59	19.0	5.39	18.4	5.17	17.1	4.77
	3	2.2	22.1	5.89	20.8	5.49	19.6	5.11	19.0	4.92	18.4	4.74	17.1	4.37
	5	4.1	22.1	5.55	20.8	5.18	19.6	4.82	19.0	4.64	18.4	4.47	17.1	4.13
	7	6	22.1	5.23	20.8	4.89	19.6	4.55	19.0	4.39	18.4	4.23	17.1	3.91
	9	7.9	22.1	4.93	20.8	4.61	19.6	4.30	19.0	4.15	18.4	4.00	17.1	3.70
	11	9.8	22.1	4.66	20.8	4.36	19.6	4.07	19.0	3.92	18.4	3.78	17.1	3.51
	13	11.8	22.1	4.39	20.8	4.11	19.6	3.85	19.0	3.71	18.4	3.58	17.1	3.32
	15	13.7	22.1	4.15	20.8	3.90	19.6	3.65	19.0	3.52	18.4	3.39	17.1	3.16

Heating capacity tables**MDV-V224W/DRN1**

TC: Total Capacity (kW); PI: Power Input (kW) (Compressor + Outdoor fan motor)

Combination (%)	Outdoor Air temperature		Indoor temperature(°C WB)											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70%	-13.7	-15	16.9	6.83	16.8	6.98	16.8	7.13	16.5	7.02	16.0	6.73	14.9	6.18
	-11.8	-13	17.6	6.95	17.6	7.09	17.2	6.92	16.5	6.65	16.0	6.38	14.9	5.85
	-9.8	-11	18.5	7.06	18.2	7.06	17.2	6.54	16.5	6.28	16.0	6.03	14.9	5.54
	-9.5	-10	18.9	7.13	18.2	6.85	17.2	6.34	16.5	6.10	16.0	5.86	14.9	5.39
	-8.5	-9.1	19.3	7.16	18.2	6.67	17.2	6.18	16.5	5.94	16.0	5.71	14.9	5.25
	-7	-7.6	19.3	6.84	18.2	6.37	17.2	5.91	16.5	5.69	16.0	5.46	14.9	5.03
	-5	-5.6	19.3	6.43	18.2	5.99	17.2	5.56	16.5	5.35	16.0	5.32	14.9	4.74
	-3	-3.7	19.3	6.05	18.2	5.65	17.2	5.25	16.5	5.05	16.0	4.86	14.9	4.48
	0	-0.7	19.3	5.51	18.2	5.15	17.2	4.79	16.5	4.61	16.0	4.44	14.9	4.11
	3	2.2	19.3	5.03	18.2	4.71	17.2	4.39	16.5	4.23	16.0	4.08	14.9	3.77
	5	4.1	19.3	4.75	18.2	4.44	17.2	4.15	16.5	4.00	16.0	3.85	14.9	3.57
	7	6	19.3	4.49	18.2	4.21	17.2	3.92	16.5	3.78	16.0	3.65	14.9	3.39
	9	7.9	19.3	4.24	18.2	3.98	17.2	3.72	16.5	3.59	16.0	3.46	14.9	3.21
	11	9.8	19.3	4.01	18.2	3.76	17.2	3.52	16.5	3.40	16.0	3.29	14.9	3.05
	13	11.8	19.3	3.79	18.2	3.56	17.2	3.33	16.5	3.23	16.0	3.11	14.9	2.90
	15	13.7	19.3	3.59	18.2	3.38	17.2	3.16	16.5	3.06	16.0	2.96	14.9	2.76
60%	-13.7	-15	16.6	7.02	15.6	6.53	14.7	6.05	14.2	5.82	13.8	5.59	12.8	5.14
	-11.8	-13	16.6	6.64	15.6	6.18	14.7	5.74	14.2	5.52	13.8	5.31	12.8	4.91
	-9.8	-11	16.6	6.28	15.6	5.85	14.7	5.43	14.2	5.23	13.8	5.03	12.8	4.64
	-9.5	-10	16.6	6.10	15.6	5.69	14.7	5.28	14.2	5.09	13.8	4.89	12.8	4.51
	-8.5	-9.1	16.6	5.94	15.6	5.54	14.7	5.15	14.2	4.96	13.8	4.77	12.8	4.40
	-7	-7.6	16.6	5.68	15.6	5.30	14.7	4.93	14.2	4.75	13.8	4.57	12.8	4.22
	-5	-5.6	16.6	5.35	15.6	5.00	14.7	4.65	14.2	4.48	13.8	4.31	12.8	3.99
	-3	-3.7	16.6	5.05	15.6	4.72	14.7	4.40	14.2	4.24	13.8	4.08	12.8	3.78
	0	-0.7	16.6	4.61	15.6	4.32	14.7	4.03	14.2	3.89	13.8	3.75	12.8	3.47
	3	2.2	16.6	4.23	15.6	3.97	14.7	3.71	14.2	3.58	13.8	3.46	12.8	3.20
	5	4.1	16.6	4.00	15.6	3.75	14.7	3.51	14.2	3.39	13.8	3.27	12.8	3.04
	7	6	16.6	3.78	15.6	3.56	14.7	3.33	14.2	3.22	13.8	3.11	12.8	2.89
	9	7.9	16.6	3.59	15.6	3.37	14.7	3.16	14.2	3.06	13.8	2.95	12.8	2.75
	11	9.8	16.6	3.40	15.6	3.20	14.7	3.00	14.2	2.90	13.8	2.80	12.8	2.62
	13	11.8	16.6	3.22	15.6	3.03	14.7	2.85	14.2	2.76	13.8	2.67	12.8	2.49
	15	13.7	16.6	3.06	15.6	2.88	14.7	2.71	14.2	2.63	13.8	2.54	12.8	2.38
50%	-13.7	-15	13.8	5.62	13.0	5.25	12.3	4.88	11.8	4.70	11.4	4.53	10.6	4.18
	-11.8	-13	13.8	5.34	13.0	4.99	12.3	4.64	11.8	4.47	11.4	4.31	10.6	3.98
	-9.8	-11	13.8	5.06	13.0	4.73	12.3	4.41	11.8	4.24	11.4	4.09	10.6	3.78
	-9.5	-10	13.8	4.92	13.0	4.60	12.3	4.29	11.8	4.14	11.4	3.98	10.6	3.69
	-8.5	-9.1	13.8	4.80	13.0	4.49	12.3	4.18	11.8	4.04	11.4	3.89	10.6	3.60
	-7	-7.6	13.8	4.60	13.0	4.31	12.3	4.01	11.8	3.88	11.4	3.74	10.6	3.46
	-5	-5.6	13.8	4.34	13.0	4.07	12.3	3.80	11.8	3.67	11.4	3.54	10.6	3.28
	-3	-3.7	13.8	4.11	13.0	3.85	12.3	3.60	11.8	3.48	11.4	3.36	10.6	3.12
	0	-0.7	13.8	3.77	13.0	3.54	12.3	3.32	11.8	3.20	11.4	3.10	10.6	2.88
	3	2.2	13.8	3.47	13.0	3.26	12.3	3.06	11.8	2.96	11.4	2.86	10.6	2.67
	5	4.1	13.8	3.29	13.0	3.10	12.3	2.90	11.8	2.81	11.4	2.72	10.6	2.54
	7	6	13.8	3.13	13.0	2.94	12.3	2.77	11.8	2.67	11.4	2.59	10.6	2.42
	9	7.9	13.8	2.97	13.0	2.80	12.3	2.63	11.8	2.55	11.4	2.47	10.6	2.31
	11	9.8	13.8	2.82	13.0	2.66	12.3	2.51	11.8	2.43	11.4	2.35	10.6	2.20
	13	11.8	13.8	2.68	13.0	2.53	12.3	2.38	11.8	2.31	11.4	2.24	10.6	2.10
	15	13.7	13.8	2.55	13.0	2.41	12.3	2.28	11.8	2.21	11.4	2.14	10.6	2.01

Heating capacity tables**MDV-V260W/DRN1**

TC: Total Capacity (kW); PI: Power Input (kW) (Compressor + Outdoor fan motor)

Combination (%)	Outdoor Air temperature		Indoor temperature(°C WB)											
			16		18		20		21		22		24	
	°C DB	°C WB	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
130%	-13.7	-15	20.3	5.38	20.2	5.69	20.1	6.00	20.1	6.15	20.0	6.31	20.0	6.61
	-11.8	-13	21.1	5.62	21.1	5.92	21.0	6.21	20.9	6.36	20.9	6.51	20.8	6.80
	-9.8	-11	22.1	5.86	22.0	6.15	21.9	6.43	21.9	6.57	21.9	6.71	21.8	6.99
	-9.5	-10	22.6	5.99	22.5	6.26	22.4	6.53	22.4	6.68	22.3	6.81	22.3	7.08
	-8.5	-9.1	23.1	6.09	23.0	6.36	23.0	6.63	22.9	6.76	22.9	6.90	22.8	7.17
	-7	-7.6	23.9	6.27	23.9	6.53	23.8	6.79	23.8	6.92	23.7	7.05	23.6	7.31
	-5	-5.6	25.2	6.51	25.1	6.76	25.0	7.00	25.0	7.13	24.9	7.24	24.9	7.49
	-3	-3.7	26.3	6.72	26.2	6.96	26.2	7.19	26.1	7.31	26.1	7.43	26.1	7.66
	0	-0.7	28.4	7.05	28.4	7.27	28.3	7.48	28.3	7.56	28.2	7.70	28.2	7.91
	3	2.2	30.7	7.34	30.6	7.54	30.5	7.75	30.5	7.84	30.5	7.95	30.4	8.14
	5	4.1	32.2	7.52	32.1	7.72	32.1	7.90	32.0	8.00	32.0	8.10	31.9	8.28
	7	6	33.8	7.70	33.7	7.88	33.7	8.06	33.7	8.15	33.7	8.24	32.3	7.91
	9	7.9	35.6	7.86	35.5	8.04	35.5	8.20	35.4	8.29	34.7	8.12	32.3	7.44
	11	9.8	37.4	8.02	37.3	8.18	37.1	8.28	35.8	7.96	34.7	7.63	32.3	7.00
	13	11.8	39.4	8.17	39.3	8.33	37.1	7.76	35.8	7.45	34.7	7.16	32.3	6.57
	15	13.7	41.3	8.31	39.4	7.89	37.1	7.31	35.8	7.03	34.7	6.75	32.3	6.20
120%	-13.7	-15	20.2	5.79	20.1	6.08	20.0	6.36	20.0	6.51	20.0	6.65	19.9	6.93
	-11.8	-13	21.0	6.01	21.0	6.29	20.9	6.56	20.9	6.70	20.8	6.84	20.8	7.11
	-9.8	-11	22.0	6.24	21.9	6.50	21.9	6.76	21.8	6.90	21.8	7.02	21.7	7.29
	-9.5	-10	22.5	6.36	22.4	6.61	22.3	6.86	22.3	6.99	22.3	7.12	22.3	7.37
	-8.5	-9.1	23.0	6.46	22.9	6.70	22.9	6.95	22.8	7.07	22.8	7.21	22.7	7.45
	-7	-7.6	23.8	6.62	23.8	6.86	23.7	7.10	23.7	7.22	23.6	7.34	23.6	7.58
	-5	-5.6	25.1	6.84	25.0	7.07	24.9	7.29	24.9	7.41	24.9	7.52	24.8	7.75
	-3	-3.7	26.2	7.04	26.2	7.26	26.1	7.47	26.1	7.58	26.1	7.69	26.1	7.90
	0	-0.7	28.3	7.34	28.3	7.54	28.2	7.74	28.2	7.84	28.1	7.94	28.1	8.14
	3	2.2	30.6	7.61	30.5	7.80	30.5	7.98	30.4	8.08	30.4	8.17	29.8	8.13
	5	4.1	32.1	7.78	32.0	7.96	32.0	8.13	31.9	8.22	31.9	8.31	29.8	7.63
	7	6	33.7	7.94	33.7	8.11	33.7	8.27	33.1	8.16	32.0	7.82	29.8	7.18
	9	7.9	35.5	8.10	35.4	8.26	34.2	7.98	33.1	7.67	32.0	7.36	29.8	6.76
	11	9.8	37.3	8.24	36.4	8.10	34.2	7.51	33.1	7.21	32.0	6.92	29.8	6.37
	13	11.8	38.6	8.16	36.4	7.59	34.2	7.04	33.1	6.77	32.0	6.51	29.8	5.99
	15	13.7	38.6	7.68	36.4	7.15	34.2	6.64	33.1	6.38	32.0	6.14	29.8	5.65
110%	-13.7	-15	20.1	6.21	20.0	6.47	19.9	6.73	19.9	6.86	19.9	6.99	19.8	7.25
	-11.8	-13	20.9	6.42	20.9	6.67	20.8	6.92	20.8	7.04	20.7	7.16	20.7	7.42
	-9.8	-11	21.9	6.62	21.8	6.86	21.8	7.10	21.7	7.22	21.7	7.34	21.7	7.58
	-9.5	-10	22.4	6.73	22.3	6.96	22.3	7.20	22.3	7.31	22.3	7.43	22.2	7.66
	-8.5	-9.1	22.9	6.82	22.8	7.05	22.8	7.28	22.7	7.39	22.7	7.51	22.7	7.85
	-7	-7.6	23.7	6.98	23.7	7.19	23.6	7.41	23.6	7.52	23.6	7.63	23.5	7.85
	-5	-5.6	25.0	7.17	24.9	7.38	24.8	7.59	24.8	7.69	24.8	7.80	24.7	8.01
	-3	-3.7	26.1	7.36	26.1	7.55	26.1	7.75	26.1	7.85	26.0	7.95	26.0	8.15
	0	-0.7	28.2	7.63	28.2	7.82	28.1	8.00	28.1	8.09	28.1	8.19	27.3	8.03
	3	2.2	30.5	7.89	30.4	8.05	30.4	8.22	30.3	8.30	29.3	7.97	27.3	7.30
	5	4.1	32.0	8.04	32.0	8.20	31.4	8.12	30.3	7.80	29.3	7.49	27.3	6.87
	7	6	33.7	8.19	33.4	8.24	31.4	7.63	30.3	7.33	29.3	7.04	27.3	6.46
	9	7.9	35.4	8.32	33.4	7.74	31.4	7.18	30.3	6.90	29.3	6.62	27.3	6.09
	11	9.8	35.4	7.82	33.4	7.29	31.4	6.76	30.3	6.50	29.3	6.24	27.3	5.75
	13	11.8	35.4	7.34	33.4	6.84	31.4	6.35	30.3	6.11	29.3	5.87	27.3	5.41
	15	13.7	35.4	6.52	33.4	6.45	31.4	6.00	30.3	5.77	29.3	5.55	27.3	5.12

Heating capacity tables**MDV-V260W/DRN1**

TC: Total Capacity (kW); PI: Power Input (kW) (Compressor + Outdoor fan motor)

Combination (%)	Outdoor Air temperature		Indoor temperature(°C WB)											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100%	-13.7	-15	20.0	6.62	19.9	6.86	19.8	7.10	19.8	7.22	19.8	7.34	19.7	7.58
	-11.8	-13	20.8	6.82	20.8	7.04	20.7	7.27	20.7	7.38	20.7	7.50	20.6	7.73
	-9.8	-11	21.8	7.00	21.7	7.22	21.7	7.44	21.7	7.55	21.6	7.66	21.6	7.87
	-9.5	-10	22.3	7.10	22.3	7.31	22.3	7.52	22.2	7.63	22.2	7.74	22.1	7.95
	-8.5	-9.1	22.8	7.18	22.7	7.39	22.7	7.59	22.7	7.70	22.6	7.81	22.6	8.01
	-7	-7.6	23.6	7.32	23.6	7.52	23.5	7.72	23.5	7.82	23.5	7.92	23.4	8.12
	-5	-5.6	24.9	7.51	24.8	7.69	24.8	7.89	24.7	7.97	24.7	8.07	24.6	8.27
	-3	-3.7	26.1	7.67	26.1	6.97	26.0	8.04	26.0	8.12	26.0	8.21	24.9	7.87
	0	-0.7	28.1	7.92	28.1	8.09	28.0	8.26	27.6	8.12	26.7	7.79	24.9	7.14
	3	2.2	30.4	8.15	30.3	8.30	28.5	7.68	27.6	7.38	26.7	7.09	24.9	6.51
	5	4.1	31.9	8.30	30.3	7.80	28.5	7.22	27.6	6.95	26.7	6.68	24.9	6.14
	7	6	32.1	7.88	30.3	7.33	28.5	6.80	27.6	6.54	26.7	6.29	24.9	5.78
	9	7.9	32.1	7.40	30.3	6.90	28.5	6.40	27.6	6.08	26.7	5.93	24.9	5.46
	11	9.8	32.1	6.97	30.3	6.50	28.5	6.04	27.6	5.81	26.7	5.59	24.9	5.16
	13	11.8	32.1	6.54	30.3	6.11	28.5	5.69	27.6	5.48	26.7	5.27	24.9	4.87
	15	13.7	32.1	6.17	30.3	5.77	28.5	5.37	27.6	5.17	26.7	4.98	24.9	4.61
90%	-13.7	-15	19.9	7.05	19.8	7.26	19.8	7.47	19.7	7.58	19.7	7.68	19.7	7.89
	-11.8	-13	20.7	7.22	20.7	7.42	20.6	7.62	20.6	7.73	20.6	7.82	20.5	8.03
	-9.8	-11	21.7	7.38	21.7	7.58	21.6	7.77	21.6	7.87	21.6	7.97	21.5	8.17
	-9.5	-10	22.2	7.47	22.1	7.67	22.1	7.85	22.0	7.95	22.0	8.05	22.0	8.23
	-8.5	-9.1	22.7	7.55	22.7	7.74	22.6	7.92	22.6	8.01	22.6	8.11	22.3	8.19
	-7	-7.6	23.5	7.67	23.5	7.85	23.4	8.04	23.4	8.12	23.4	8.21	22.3	7.82
	-5	-5.6	24.7	7.84	24.7	8.01	24.7	8.18	24.6	8.27	23.9	8.01	22.3	7.35
	-3	-3.7	25.9	7.99	25.9	8.15	25.7	8.19	24.7	7.86	23.9	7.54	22.3	6.92
	0	-0.7	28.1	8.22	27.3	8.02	25.7	7.43	24.7	7.14	23.9	6.85	22.3	6.30
	3	2.2	28.9	7.83	27.3	7.29	25.7	6.76	24.7	6.51	23.9	6.25	22.3	5.76
	5	4.1	28.9	7.37	27.3	6.86	25.7	6.38	24.7	6.13	23.9	5.90	22.3	5.43
	7	6	28.9	6.92	27.3	6.46	25.7	6.01	24.7	5.78	23.9	5.56	22.3	5.13
	9	7.9	28.9	6.53	27.3	6.08	25.7	5.66	24.7	5.46	23.9	5.25	22.3	4.85
	11	9.8	28.9	6.15	27.3	5.74	25.7	5.35	24.7	5.16	23.9	4.96	22.3	4.59
	13	11.8	28.9	5.78	27.3	5.41	25.7	5.04	24.7	4.87	23.9	4.69	22.3	4.34
	15	13.7	28.9	5.47	27.3	5.11	25.7	4.78	24.7	4.61	23.9	4.44	22.3	4.12
80%	-13.7	-15	19.8	7.46	19.7	7.65	19.7	7.84	19.7	7.93	19.6	8.03	19.6	8.22
	-11.8	-13	20.6	7.61	20.6	7.80	20.5	7.97	20.5	8.06	20.5	8.16	19.9	7.94
	-9.8	-11	21.6	7.76	21.6	7.94	21.5	8.12	21.5	8.20	21.4	8.18	19.9	7.50
	-9.5	-10	22.2	7.84	22.1	8.01	22.1	8.18	22.1	8.27	21.4	7.94	19.9	7.28
	-8.5	-9.1	22.6	7.91	21.0	8.08	22.5	8.24	22.1	8.05	21.4	7.73	19.9	7.08
	-7	-7.6	23.4	8.03	23.4	8.19	22.8	8.01	22.1	7.69	21.4	7.38	19.9	6.77
	-5	-5.6	24.7	8.17	24.2	8.12	22.8	7.52	22.1	7.23	21.4	6.94	19.9	6.38
	-3	-3.7	25.7	8.21	24.2	7.65	22.8	7.08	22.1	6.82	21.4	6.54	19.9	6.02
	0	-0.7	25.7	7.45	24.2	6.94	22.8	6.45	22.1	6.21	21.4	5.96	19.9	5.49
	3	2.2	25.7	6.79	24.2	6.33	22.8	5.89	22.1	5.67	21.4	5.46	19.9	5.03
	5	4.1	25.7	6.39	24.2	5.97	22.8	5.55	22.1	5.35	21.4	5.16	19.9	4.76
	7	6	25.7	6.02	24.2	5.63	22.8	5.25	22.1	5.06	21.4	4.87	19.9	4.50
	9	7.9	25.7	5.69	24.2	5.32	22.8	4.95	22.1	4.78	21.4	4.61	19.9	4.27
	11	9.8	25.7	5.37	24.2	5.02	22.8	4.69	22.1	4.52	21.4	4.36	19.9	4.04
	13	11.8	25.7	5.06	24.2	4.74	22.8	4.43	22.1	4.27	21.4	4.12	19.9	3.82
	15	13.7	25.7	4.79	24.2	4.49	22.8	4.20	22.1	4.05	21.4	3.91	19.9	3.64

Heating capacity tables**MDV-V260W/DRN1**

TC: Total Capacity (kW); PI: Power Input (kW) (Compressor + Outdoor fan motor)

Combination (%)	Outdoor Air temperature		Indoor temperature(°C WB)											
			16		18		20		21		22		24	
	°C DB	°C WB	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
70%	-13.7	-15	19.7	7.88	19.6	8.04	19.6	8.21	19.2	8.09	18.6	7.76	17.3	7.12
	-11.8	-13	20.5	8.01	20.5	8.17	20.0	7.97	19.2	7.66	18.6	7.36	17.3	6.75
	-9.8	-11	21.5	8.14	21.2	8.13	20.0	7.53	19.2	7.24	18.6	6.95	17.3	6.38
	-9.5	-10	22.0	8.21	21.2	7.89	20.0	7.31	19.2	7.03	18.6	6.76	17.3	6.21
	-8.5	-9.1	22.5	8.26	21.2	7.68	20.0	7.12	19.2	6.84	18.6	6.58	17.3	6.05
	-7	-7.6	22.5	7.89	21.2	7.34	20.0	6.81	19.2	6.55	18.6	6.30	17.3	5.79
	-5	-5.6	22.5	7.41	21.2	6.91	20.0	6.41	19.2	6.16	18.6	7.28	17.3	5.47
	-3	-3.7	22.5	6.98	21.2	6.51	20.0	6.05	19.2	5.82	18.6	5.60	17.3	5.17
	0	-0.7	22.5	6.35	21.2	5.93	20.0	5.52	19.2	5.32	18.6	5.12	17.3	4.73
	3	2.2	22.5	5.80	21.2	5.43	20.0	5.06	19.2	4.87	18.6	4.70	17.3	4.34
	5	4.1	22.5	5.47	21.2	5.12	20.0	4.79	19.2	4.61	18.6	4.44	17.3	4.12
	7	6	22.5	5.17	21.2	4.85	20.0	4.52	19.2	4.36	18.6	4.21	17.3	3.90
	9	7.9	22.5	4.89	21.2	4.58	20.0	4.28	19.2	4.13	18.6	3.99	17.3	3.70
	11	9.8	22.5	4.63	21.2	4.34	20.0	4.06	19.2	3.92	18.6	3.79	17.3	3.51
	13	11.8	22.5	4.37	21.2	4.11	20.0	3.84	19.2	3.72	18.6	3.59	17.3	3.34
	15	13.7	22.5	4.14	21.2	3.89	20.0	3.65	19.2	3.53	18.6	3.41	17.3	3.18
60%	-13.7	-15	19.3	8.09	18.2	7.52	17.1	6.98	16.6	6.71	16.0	6.45	14.9	5.93
	-11.8	-13	19.3	7.66	18.2	7.13	17.1	6.61	16.6	6.37	16.0	6.12	14.9	5.66
	-9.8	-11	19.3	7.23	18.2	6.74	17.1	6.26	16.6	6.02	16.0	5.79	14.9	5.34
	-9.5	-10	19.3	7.03	18.2	6.55	17.1	6.08	16.6	5.86	16.0	5.63	14.9	5.19
	-8.5	-9.1	19.3	6.84	18.2	6.38	17.1	5.93	16.6	5.71	16.0	5.49	14.9	5.07
	-7	-7.6	19.3	6.54	18.2	6.11	17.1	5.68	16.6	5.48	16.0	5.26	14.9	4.87
	-5	-5.6	19.3	6.16	18.2	5.76	17.1	5.36	16.6	5.17	16.0	4.97	14.9	4.60
	-3	-3.7	19.3	5.82	18.2	5.44	17.1	5.07	16.6	4.89	16.0	4.71	14.9	4.35
	0	-0.7	19.3	5.32	18.2	4.98	17.1	4.64	16.6	4.49	16.0	4.32	14.9	4.00
	3	2.2	19.3	4.87	18.2	4.57	17.1	4.27	16.6	4.12	16.0	3.98	14.9	3.69
	5	4.1	19.3	4.61	18.2	4.33	17.1	4.04	16.6	3.91	16.0	3.77	14.9	3.51
	7	6	19.3	4.36	18.2	4.10	17.1	3.83	16.6	3.71	16.0	3.59	14.9	3.33
	9	7.9	19.3	4.13	18.2	3.89	17.1	3.64	16.6	3.52	16.0	3.40	14.9	3.17
	11	9.8	19.3	3.92	18.2	3.69	17.1	3.46	16.6	3.35	16.0	3.23	14.9	3.02
	13	11.8	19.3	3.71	18.2	3.50	17.1	3.28	16.6	3.18	16.0	3.07	14.9	2.87
	15	13.7	19.3	3.53	18.2	3.32	17.1	3.13	16.6	3.03	16.0	2.93	14.9	2.74
50%	-13.7	-15	16.1	6.48	15.2	6.05	14.3	5.62	13.7	5.42	13.3	5.22	12.4	4.82
	-11.8	-13	16.1	6.15	15.2	5.75	14.3	5.35	13.7	5.16	13.3	4.96	12.4	4.59
	-9.8	-11	16.1	5.83	15.2	5.45	14.3	5.08	13.7	4.89	13.3	4.72	12.4	4.36
	-9.5	-10	16.1	5.67	15.2	5.30	14.3	4.94	13.7	4.77	13.3	4.59	12.4	4.25
	-8.5	-9.1	16.1	5.53	15.2	5.17	14.3	4.82	13.7	4.65	13.3	4.49	12.4	4.15
	-7	-7.6	16.1	5.30	15.2	4.96	14.3	4.63	13.7	4.47	13.3	4.31	12.4	3.99
	-5	-5.6	16.1	5.00	15.2	4.69	14.3	4.38	13.7	4.23	13.3	4.08	12.4	3.78
	-3	-3.7	16.1	4.73	15.2	4.44	14.3	4.15	13.7	4.01	13.3	3.87	12.4	3.59
	0	-0.7	16.1	4.34	15.2	4.08	14.3	3.82	13.7	3.69	13.3	3.57	12.4	3.32
	3	2.2	16.1	4.00	15.2	3.76	14.3	3.52	13.7	3.41	13.3	3.29	12.4	3.07
	5	4.1	16.1	3.80	15.2	3.57	14.3	3.35	13.7	3.24	13.3	3.13	12.4	2.92
	7	6	16.1	3.60	15.2	3.39	14.3	3.19	13.7	3.08	13.3	2.98	12.4	2.79
	9	7.9	16.1	3.42	15.2	3.22	14.3	3.03	13.7	2.94	13.3	2.84	12.4	2.66
	11	9.8	16.1	3.25	15.2	3.06	14.3	2.89	13.7	2.80	13.3	2.71	12.4	2.53
	13	11.8	16.1	3.09	15.2	2.91	14.3	2.75	13.7	2.67	13.3	2.58	12.4	2.42
	15	13.7	16.1	2.94	15.2	2.78	14.3	2.62	13.7	2.54	13.3	2.46	12.4	2.31

Heating capacity tables**MDV-V400W/DRN1**

TC: Total Capacity (kW); PI: Power Input (kW) (Compressor + Outdoor fan motor)

Combination (%)	Outdoor Air temperature		Indoor temperature(°C WB)											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130%	-13.7	-15	32.0	8.78	31.9	9.28	31.7	9.79	31.7	10.03	31.6	10.29	31.6	10.80
	-11.8	-13	33.3	9.17	33.3	9.66	33.1	10.13	33.0	10.38	33.0	10.62	32.9	11.10
	-9.8	-11	34.9	9.57	34.7	10.03	34.6	10.49	34.6	10.73	34.6	10.96	34.4	11.42
	-9.5	-10	35.7	9.77	35.6	10.22	35.4	10.67	35.4	10.90	35.3	11.11	35.3	11.56
	-8.5	-9.1	36.4	9.95	36.3	10.38	36.3	10.83	36.1	11.04	36.1	11.26	36.0	11.71
	-7	-7.6	37.7	10.24	37.7	10.67	37.6	11.09	37.6	11.30	37.4	11.50	37.3	11.94
	-5	-5.6	39.7	10.62	39.6	11.03	39.4	11.43	39.4	11.63	39.3	11.82	39.3	12.22
	-3	-3.7	41.6	10.97	41.4	11.36	41.4	11.73	41.3	11.94	41.3	12.12	41.1	12.50
	0	-0.7	44.9	11.50	44.9	11.86	44.7	12.21	44.7	12.34	44.6	12.57	44.6	12.92
	3	2.2	48.4	11.98	48.3	12.31	48.1	12.64	48.1	12.80	48.1	12.97	48.0	13.29
	5	4.1	50.9	12.28	50.7	12.60	50.7	12.90	50.6	13.06	50.6	13.22	50.4	13.52
	7	6	53.4	12.57	53.3	12.86	53.3	13.16	53.1	13.31	53.1	13.45	51.0	12.92
	9	7.9	56.1	12.83	56.0	13.12	56.0	13.39	55.9	13.54	54.7	13.25	51.0	12.14
	11	9.8	59.0	13.09	58.9	13.35	58.6	13.52	56.6	12.99	54.7	12.45	51.0	11.43
120%	13	11.8	62.1	13.33	62.0	13.59	58.6	12.67	56.6	12.17	54.7	11.69	51.0	10.73
	15	13.7	65.1	13.57	62.3	12.87	58.6	11.94	56.6	11.48	54.7	11.01	51.0	10.12
	-13.7	-15	31.9	9.46	31.7	9.92	31.6	10.38	31.6	10.63	31.6	10.85	31.4	11.32
	-11.8	-13	33.1	9.82	33.1	10.26	33.0	10.71	33.0	10.94	32.9	11.16	32.9	11.60
	-9.8	-11	34.7	10.19	34.6	10.61	34.6	11.04	34.4	11.26	34.4	11.46	34.3	11.89
	-9.5	-10	35.6	10.38	35.4	10.80	35.3	11.20	35.3	11.42	35.3	11.62	35.1	12.04
	-8.5	-9.1	36.3	10.54	36.1	10.94	36.1	11.35	36.0	11.55	36.0	11.76	35.9	12.17
	-7	-7.6	37.6	10.81	37.6	11.20	37.4	11.59	37.4	11.79	37.3	11.98	37.3	12.37
	-5	-5.6	39.6	11.16	39.4	11.53	39.3	11.91	39.3	12.09	39.3	12.28	39.1	12.64
	-3	-3.7	41.4	11.49	41.4	11.85	41.3	12.20	41.3	12.37	41.1	12.56	41.1	12.90
	0	-0.7	44.7	11.98	44.7	12.31	44.6	12.63	44.6	12.80	44.4	12.96	44.4	13.29
	3	2.2	48.3	12.43	48.1	12.73	48.1	13.03	48.0	13.19	48.0	13.33	47.0	13.26
	5	4.1	50.7	12.70	50.6	12.99	50.6	13.28	50.4	13.42	50.4	13.57	47.0	12.46
	7	6	53.3	12.96	53.3	13.23	53.1	13.51	52.3	13.32	50.6	12.77	47.0	11.72
	9	7.9	56.0	13.22	55.9	13.48	54.0	13.03	52.3	12.52	50.6	12.01	47.0	11.03
110%	11	9.8	58.9	13.45	57.4	13.22	54.0	12.25	52.3	11.78	50.6	11.30	47.0	10.39
	13	11.8	61.0	13.32	57.4	12.40	54.0	11.49	52.3	11.06	50.6	10.63	47.0	9.77
	15	13.7	61.0	12.54	57.4	11.68	54.0	10.84	52.3	10.42	50.6	10.02	47.0	9.23
	-13.7	-15	31.7	10.13	31.6	10.57	31.4	10.98	31.4	11.20	31.4	11.42	31.3	11.84
	-11.8	-13	33.0	10.48	33.0	10.88	32.9	11.29	32.9	11.49	32.7	11.69	32.7	12.11
	-9.8	-11	34.6	10.81	34.4	11.20	34.4	11.59	34.3	11.79	34.3	11.98	34.3	12.37
	-9.5	-10	35.4	10.98	35.3	11.36	35.1	11.75	35.1	11.94	35.1	12.12	35.0	12.50
	-8.5	-9.1	36.1	11.13	36.0	11.50	36.0	11.88	35.9	12.07	35.9	12.25	35.9	11.17
	-7	-7.6	37.4	11.39	37.4	11.73	37.3	12.10	37.3	12.28	37.3	12.46	37.1	12.82
	-5	-5.6	39.4	11.71	39.3	12.05	39.1	12.38	39.1	12.56	39.1	12.73	39.0	13.08
	-3	-3.7	41.3	12.01	41.3	12.33	41.1	12.66	41.1	12.82	41.0	12.97	41.0	13.31
	0	-0.7	44.6	12.46	44.6	12.76	44.4	13.06	44.4	13.21	44.4	13.36	43.1	13.10
	3	2.2	48.1	12.87	48.0	13.15	48.0	13.42	47.9	13.55	46.3	13.00	43.1	11.92
	5	4.1	50.6	13.12	50.6	13.39	49.6	13.26	47.9	12.73	46.3	12.22	43.1	11.22
	7	6	53.1	13.36	52.7	13.45	49.6	12.46	47.9	11.96	46.3	11.49	43.1	10.55
	9	7.9	55.9	13.58	52.7	12.64	49.6	11.72	47.9	11.26	46.3	10.81	43.1	9.95
	11	9.8	55.9	12.77	52.7	11.89	49.6	11.03	47.9	10.61	46.3	10.19	43.1	9.39
	13	11.8	55.9	11.98	52.7	11.16	49.6	10.37	47.9	9.98	46.3	9.59	43.1	8.84
	15	13.7	55.9	10.64	52.7	10.52	49.6	9.79	47.9	9.41	46.3	9.07	43.1	8.36

Heating capacity tables**MDV-V400W/DRN1**

TC: Total Capacity (kW); PI: Power Input (kW) (Compressor + Outdoor fan motor)

Combination (%)	Outdoor Air temperature		Indoor temperature(°C WB)											
			16		18		20		21		22		24	
	°C DB	°C WB	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	-13.7	-15	31.6	10.81	31.4	11.20	31.3	11.59	31.3	11.79	31.3	11.98	31.1	12.37
	-11.8	-13	32.9	11.13	32.9	11.49	32.7	11.86	32.7	12.05	32.7	12.24	32.6	12.61
	-9.8	-11	34.4	11.43	34.3	11.79	34.3	12.14	34.3	12.33	34.1	12.50	34.1	12.84
	-9.5	-10	35.3	11.59	35.1	11.94	35.1	12.28	35.0	12.46	35.0	12.63	34.9	12.97
	-8.5	-9.1	36.0	11.72	35.9	12.07	35.9	12.40	35.9	12.57	35.7	12.74	35.7	13.07
	-7	-7.6	37.3	11.95	37.3	12.28	37.1	12.60	37.1	12.77	37.1	12.93	37.0	13.26
	-5	-5.6	39.3	12.25	39.1	12.56	39.1	12.87	39.0	13.02	39.0	13.18	38.9	13.49
	-3	-3.7	41.1	12.53	41.1	11.37	41.0	13.12	41.0	13.26	41.0	13.41	39.3	12.84
	0	-0.7	44.4	12.93	44.4	13.20	44.3	13.48	43.6	13.26	42.1	12.72	39.3	11.66
	3	2.2	48.0	13.31	47.9	13.55	45.0	12.54	43.6	12.05	42.1	11.58	39.3	10.62
	5	4.1	50.4	13.55	47.9	12.73	45.0	11.79	43.6	11.34	42.1	10.90	39.3	10.02
	7	6	50.7	12.86	47.9	11.96	45.0	11.10	43.6	10.68	42.1	10.26	39.3	9.44
	9	7.9	50.7	12.08	47.9	11.26	45.0	10.45	43.6	9.93	42.1	9.67	39.3	8.91
	11	9.8	50.7	11.37	47.9	10.61	45.0	9.86	43.6	9.48	42.1	9.13	39.3	8.42
	13	11.8	50.7	10.68	47.9	9.98	45.0	9.28	43.6	8.94	42.1	8.61	39.3	7.94
	15	13.7	50.7	10.08	47.9	9.41	45.0	8.76	43.6	8.45	42.1	8.13	39.3	7.52
90%	-13.7	-15	31.4	11.50	31.2	11.85	31.2	12.20	31.1	12.37	31.1	12.54	31.1	12.89
	-11.8	-13	32.7	11.78	32.7	12.11	32.5	12.44	32.5	12.61	32.5	12.77	32.4	13.10
	-9.8	-11	34.2	12.05	34.2	12.37	34.1	12.69	34.1	12.84	34.1	13.02	33.9	13.33
	-9.5	-10	35.1	12.20	34.9	12.51	34.9	12.82	34.8	12.97	34.8	13.13	34.8	13.44
	-8.5	-9.1	35.8	12.33	35.8	12.63	35.7	12.93	35.7	13.07	35.7	13.23	35.2	13.36
	-7	-7.6	37.1	12.53	37.1	12.82	36.9	13.12	36.9	13.26	36.9	13.41	35.2	12.76
	-5	-5.6	39.1	12.80	38.9	13.07	38.9	13.35	38.8	13.49	37.8	13.07	35.2	11.99
	-3	-3.7	40.9	13.05	40.9	13.31	40.5	13.36	39.1	12.83	37.8	12.31	35.2	11.30
	0	-0.7	44.4	13.42	43.1	13.09	40.5	12.12	39.1	11.65	37.8	11.19	35.2	10.28
	3	2.2	45.6	12.79	43.1	11.91	40.5	11.04	39.1	10.62	37.8	10.21	35.2	9.40
	5	4.1	45.6	12.02	43.1	11.20	40.5	10.41	39.1	10.00	37.8	9.63	35.2	8.87
	7	6	45.6	11.30	43.1	10.55	40.5	9.80	39.1	9.44	37.8	9.08	35.2	8.38
	9	7.9	45.6	10.65	43.1	9.93	40.5	9.24	39.1	8.91	37.8	8.58	35.2	7.91
	11	9.8	45.6	10.03	43.1	9.37	40.5	8.74	39.1	8.42	37.8	8.10	35.2	7.50
	13	11.8	45.6	9.44	43.1	8.84	40.5	8.23	39.1	7.94	37.8	7.65	35.2	7.08
	15	13.7	45.6	8.92	43.1	8.35	40.5	7.80	39.1	7.52	37.8	7.25	35.2	6.72
80%	-13.7	-15	31.3	12.18	31.1	12.48	31.1	12.80	31.1	12.94	31.0	13.10	31.0	13.42
	-11.8	-13	32.6	12.43	32.6	12.73	32.4	13.02	32.4	13.16	32.4	13.32	31.4	12.96
	-9.8	-11	34.1	12.67	34.1	12.96	34.0	13.25	34.0	13.38	33.7	13.35	31.4	12.24
	-9.5	-10	35.0	12.80	34.9	13.07	34.9	13.35	34.9	13.49	33.7	12.96	31.4	11.88
	-8.5	-9.1	35.7	12.92	33.2	13.19	35.6	13.45	34.9	13.15	33.7	12.61	31.4	11.56
	-7	-7.6	37.0	13.10	37.0	13.36	36.0	13.07	34.9	12.56	33.7	12.05	31.4	11.06
	-5	-5.6	39.0	13.33	38.3	13.26	36.0	12.28	34.9	11.81	33.7	11.33	31.4	10.41
	-3	-3.7	40.6	13.41	38.3	12.48	36.0	11.56	34.9	11.13	33.7	10.68	31.4	9.83
	0	-0.7	40.6	12.17	38.3	11.33	36.0	10.52	34.9	10.13	33.7	9.73	31.4	8.97
	3	2.2	40.6	11.09	38.3	10.34	36.0	9.61	34.9	9.25	33.7	8.91	31.4	8.22
	5	4.1	40.6	10.44	38.3	9.74	36.0	9.07	34.9	8.74	33.7	8.42	31.4	7.77
	7	6	40.6	9.83	38.3	9.20	36.0	8.56	34.9	8.26	33.7	7.96	31.4	7.35
	9	7.9	40.6	9.28	38.3	8.68	36.0	8.09	34.9	7.80	33.7	7.52	31.4	6.96
	11	9.8	40.6	8.76	38.3	8.20	36.0	7.65	34.9	7.38	33.7	7.12	31.4	6.60
	13	11.8	40.6	8.26	38.3	7.74	36.0	7.24	34.9	6.98	33.7	6.73	31.4	6.24
	15	13.7	40.6	7.81	38.3	7.34	36.0	6.86	34.9	6.62	33.7	6.39	31.4	5.94

Heating capacity tables**MDV-V400W/DRN1**

TC: Total Capacity (kW); PI: Power Input (kW) (Compressor + Outdoor fan motor)

Combination (%)	Outdoor Air temperature		Indoor temperature(°C WB)											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70%	-13.7	-15	31.1	12.86	30.9	13.13	30.9	13.41	30.4	13.20	29.4	12.67	27.4	11.62
	-11.8	-13	32.4	13.07	32.4	13.33	31.5	13.02	30.4	12.51	29.4	12.01	27.4	11.01
	-9.8	-11	33.9	13.29	33.5	13.28	31.5	12.30	30.4	11.82	29.4	11.34	27.4	10.42
	-9.5	-10	34.8	13.41	33.5	12.89	31.5	11.94	30.4	11.47	29.4	11.03	27.4	10.13
	-8.5	-9.1	35.5	13.48	33.5	12.54	31.5	11.62	30.4	11.17	29.4	10.74	27.4	9.87
	-7	-7.6	35.5	12.87	33.5	11.98	31.5	11.11	30.4	10.70	29.4	10.28	27.4	9.46
	-5	-5.6	35.5	12.09	33.5	11.27	31.5	10.47	30.4	10.06	29.4	11.89	27.4	8.92
	-3	-3.7	35.5	11.39	33.5	10.62	31.5	9.87	30.4	9.50	29.4	9.14	27.4	8.43
	0	-0.7	35.5	10.36	33.5	9.69	31.5	9.01	30.4	8.68	29.4	8.36	27.4	7.73
	3	2.2	35.5	9.47	33.5	8.87	31.5	8.26	30.4	7.96	29.4	7.67	27.4	7.09
	5	4.1	35.5	8.94	33.5	8.36	31.5	7.81	30.4	7.52	29.4	7.25	27.4	6.72
	7	6	35.5	8.45	33.5	7.91	31.5	7.38	30.4	7.12	29.4	6.88	27.4	6.37
	9	7.9	35.5	7.99	33.5	7.48	31.5	6.99	30.4	6.75	29.4	6.52	27.4	6.04
	11	9.8	35.5	7.55	33.5	7.08	31.5	6.63	30.4	6.40	29.4	6.18	27.4	5.74
	13	11.8	35.5	7.14	33.5	6.70	31.5	6.27	30.4	6.07	29.4	5.85	27.4	5.45
	15	13.7	35.5	6.76	33.5	6.36	31.5	5.95	30.4	5.77	29.4	5.56	27.4	5.19
60%	-13.7	-15	30.4	13.20	28.7	12.28	27.0	11.39	26.1	10.96	25.3	10.52	23.6	9.67
	-11.8	-13	30.4	12.50	28.7	11.63	27.0	10.80	26.1	10.39	25.3	9.99	23.6	9.24
	-9.8	-11	30.4	11.81	28.7	11.00	27.0	10.22	26.1	9.83	25.3	9.46	23.6	8.72
	-9.5	-10	30.4	11.47	28.7	10.70	27.0	9.93	26.1	9.57	25.3	9.20	23.6	8.48
	-8.5	-9.1	30.4	11.17	28.7	10.42	27.0	9.69	26.1	9.33	25.3	8.97	23.6	8.27
	-7	-7.6	30.4	10.68	28.7	9.98	27.0	9.27	26.1	8.94	25.3	8.59	23.6	7.94
	-5	-5.6	30.4	10.06	28.7	9.40	27.0	8.75	26.1	8.43	25.3	8.12	23.6	7.51
	-3	-3.7	30.4	9.50	28.7	8.88	27.0	8.27	26.1	7.99	25.3	7.68	23.6	7.11
	0	-0.7	30.4	8.68	28.7	8.13	27.0	7.58	26.1	7.32	25.3	7.05	23.6	6.53
	3	2.2	30.4	7.96	28.7	7.47	27.0	6.98	26.1	6.73	25.3	6.50	23.6	6.03
	5	4.1	30.4	7.52	28.7	7.06	27.0	6.60	26.1	6.39	25.3	6.16	23.6	5.72
	7	6	30.4	7.12	28.7	6.69	27.0	6.26	26.1	6.05	25.3	5.85	23.6	5.43
	9	7.9	30.4	6.75	28.7	6.34	27.0	5.94	26.1	5.75	25.3	5.55	23.6	5.17
	11	9.8	30.4	6.40	28.7	6.03	27.0	5.65	26.1	5.46	25.3	5.28	23.6	4.93
	13	11.8	30.4	6.05	28.7	5.71	27.0	5.36	26.1	5.19	25.3	5.02	23.6	4.68
	15	13.7	30.4	5.77	28.7	5.42	27.0	5.10	26.1	4.94	25.3	4.79	23.6	4.47
50%	-13.7	-15	25.3	10.58	23.9	9.87	22.5	9.18	21.6	8.85	20.9	8.52	19.5	7.87
	-11.8	-13	25.3	10.05	23.9	9.38	22.5	8.74	21.6	8.42	20.9	8.10	19.5	7.50
	-9.8	-11	25.3	9.51	23.9	8.89	22.5	8.29	21.6	7.99	20.9	7.70	19.5	7.12
	-9.5	-10	25.3	9.25	23.9	8.65	22.5	8.07	21.6	7.78	20.9	7.50	19.5	6.93
	-8.5	-9.1	25.3	9.02	23.9	8.45	22.5	7.87	21.6	7.60	20.9	7.32	19.5	6.77
	-7	-7.6	25.3	8.65	23.9	8.10	22.5	7.55	21.6	7.29	20.9	7.03	19.5	6.52
	-5	-5.6	25.3	8.16	23.9	7.65	22.5	7.15	21.6	6.90	20.9	6.66	19.5	6.17
	-3	-3.7	25.3	7.73	23.9	7.25	22.5	6.77	21.6	6.54	20.9	6.31	19.5	5.87
	0	-0.7	25.3	7.09	23.9	6.66	22.5	6.24	21.6	6.03	20.9	5.82	19.5	5.42
	3	2.2	25.3	6.53	23.9	6.14	22.5	5.75	21.6	5.56	20.9	5.38	19.5	5.02
	5	4.1	25.3	6.20	23.9	5.82	22.5	5.46	21.6	5.29	20.9	5.12	19.5	4.77
	7	6	25.3	5.88	23.9	5.54	22.5	5.20	21.6	5.03	20.9	4.87	19.5	4.55
	9	7.9	25.3	5.58	23.9	5.26	22.5	4.94	21.6	4.80	20.9	4.64	19.5	4.34
	11	9.8	25.3	5.30	23.9	5.00	22.5	4.71	21.6	4.57	20.9	4.43	19.5	4.14
	13	11.8	25.3	5.04	23.9	4.76	22.5	4.48	21.6	4.35	20.9	4.21	19.5	3.95
	15	13.7	25.3	4.80	23.9	4.54	22.5	4.28	21.6	4.15	20.9	4.02	19.5	3.78

Heating capacity tables**MDV-V450W/DRN1**

TC: Total Capacity (kW); PI: Power Input (kW) (Compressor + Outdoor fan motor)

Combination (%)	Outdoor Air temperature		Indoor temperature(°C WB)											
			16		18		20		21		22		24	
	°C DB	°C WB	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
130%	-13.7	-15	35.6	10.04	35.4	10.62	35.2	11.20	35.2	11.48	35.1	11.78	35.1	12.35
	-11.8	-13	37.0	10.49	37.0	11.05	36.8	11.59	36.7	11.88	36.7	12.16	36.5	12.70
	-9.8	-11	38.7	10.95	38.6	11.48	38.4	12.01	38.4	12.27	38.4	12.53	38.3	13.06
	-9.5	-10	39.7	11.18	39.5	11.69	39.4	12.20	39.4	12.47	39.2	12.72	39.2	13.23
	-8.5	-9.1	40.5	11.38	40.3	11.88	40.3	12.39	40.2	12.63	40.2	12.88	40.0	13.39
	-7	-7.6	41.9	11.71	41.9	12.20	41.7	12.68	41.7	12.93	41.6	13.16	41.4	13.66
	-5	-5.6	44.1	12.16	44.0	12.62	43.8	13.08	43.8	13.31	43.7	13.52	43.7	13.99
	-3	-3.7	46.2	12.55	46.0	13.00	46.0	13.43	45.9	13.66	45.9	13.87	45.7	14.30
	0	-0.7	49.8	13.16	49.8	13.57	49.7	13.97	49.7	14.12	49.5	14.38	49.5	14.78
	3	2.2	53.8	13.71	53.7	14.09	53.5	14.47	53.5	14.65	53.5	14.84	53.3	15.21
	5	4.1	56.5	14.05	56.3	14.42	56.3	14.76	56.2	14.94	56.2	15.12	56.0	15.47
	7	6	59.4	14.38	59.2	14.71	59.2	15.06	59.0	15.22	59.0	15.39	56.7	14.78
	9	7.9	62.4	14.68	62.2	15.01	62.2	15.32	62.1	15.49	60.8	15.16	56.7	13.89
	11	9.8	65.6	14.98	65.4	15.27	65.1	15.47	62.9	14.86	60.8	14.25	56.7	13.08
	13	11.8	69.0	15.26	68.9	15.55	65.1	14.50	62.9	13.92	60.8	13.38	56.7	12.27
	15	13.7	72.4	15.52	69.2	14.73	65.1	13.66	62.9	13.13	60.8	12.60	56.7	11.58
120%	-13.7	-15	35.4	10.82	35.2	11.35	35.1	11.88	35.1	12.16	35.1	12.42	34.9	12.95
	-11.8	-13	36.8	11.23	36.8	11.74	36.7	12.26	36.7	12.52	36.5	12.77	36.5	13.28
	-9.8	-11	38.6	11.66	38.4	12.14	38.4	12.63	38.3	12.88	38.3	13.11	38.1	13.61
	-9.5	-10	39.5	11.88	39.4	12.35	39.2	12.81	39.2	13.06	39.2	13.29	39.0	13.77
	-8.5	-9.1	40.3	12.06	40.2	12.52	40.2	12.98	40.0	13.21	40.0	13.46	39.8	13.92
	-7	-7.6	41.7	12.37	41.7	12.81	41.6	13.26	41.6	13.49	41.4	13.71	41.4	14.15
	-5	-5.6	44.0	12.77	43.8	13.20	43.6	13.62	43.6	13.84	43.6	14.05	43.5	14.47
	-3	-3.7	46.0	13.15	46.0	13.56	45.9	13.95	45.9	14.15	45.7	14.37	45.7	14.76
	0	-0.7	49.7	13.71	49.7	14.09	49.5	14.45	49.5	14.65	49.4	14.83	49.4	15.21
	3	2.2	53.7	14.22	53.5	14.56	53.5	14.91	53.3	15.09	53.3	15.26	52.2	15.17
	5	4.1	56.4	14.53	56.2	14.86	56.2	15.19	56.0	15.36	56.0	15.52	52.2	14.25
	7	6	59.2	14.83	59.2	15.14	59.1	15.45	58.1	15.24	56.2	14.61	52.2	13.41
	9	7.9	62.2	15.13	62.1	15.42	60.0	14.91	58.1	14.32	56.2	13.74	52.2	12.62
	11	9.8	65.4	15.39	63.8	15.13	60.0	14.02	58.1	13.47	56.2	12.93	52.2	11.89
	13	11.8	67.8	15.24	63.8	14.18	60.0	13.15	58.1	12.65	56.2	12.16	52.2	11.18
	15	13.7	67.8	14.35	63.8	13.36	60.0	12.40	58.1	11.92	56.2	11.46	52.2	10.56
110%	-13.7	-15	35.2	11.60	35.1	12.09	34.9	12.57	34.9	12.82	34.9	13.06	34.8	13.54
	-11.8	-13	36.7	11.99	36.7	12.45	36.5	12.92	36.5	13.15	36.3	13.38	36.3	13.85
	-9.8	-11	38.4	12.37	38.3	12.82	38.3	13.26	38.1	13.49	38.1	13.71	38.1	14.15
	-9.5	-10	39.4	12.57	39.2	13.00	39.0	13.44	39.0	13.66	39.0	13.87	38.9	14.30
	-8.5	-9.1	40.2	12.73	40.0	13.16	40.0	13.59	39.8	13.81	39.8	14.02	39.8	12.78
	-7	-7.6	41.6	13.03	41.6	13.43	41.4	13.84	41.4	14.05	41.4	14.25	41.3	14.66
	-5	-5.6	43.8	13.39	43.7	13.79	43.5	14.17	43.5	14.37	43.5	14.56	43.3	14.96
	-3	-3.7	45.9	13.74	45.9	14.10	45.7	14.48	45.7	14.66	45.6	14.84	45.6	15.22
	0	-0.7	49.5	14.25	49.5	14.60	49.4	14.94	49.4	15.11	49.4	15.29	47.9	14.99
	3	2.2	53.5	14.73	53.3	15.04	53.3	15.36	53.2	15.50	51.4	14.88	47.9	13.64
	5	4.1	56.2	15.01	56.2	15.32	55.1	15.17	53.2	14.56	51.4	13.99	47.9	12.83
	7	6	59.0	15.29	58.6	15.39	55.1	14.25	53.2	13.69	51.4	13.15	47.9	12.07
	9	7.9	62.1	15.54	58.6	14.46	55.1	13.41	53.2	12.88	51.4	12.37	47.9	11.38
	11	9.8	62.1	14.61	58.6	13.61	55.1	12.62	53.2	12.14	51.4	11.66	47.9	10.74
	13	11.8	62.1	13.71	58.6	12.77	55.1	11.86	53.2	11.41	51.4	10.97	47.9	10.11
	15	13.7	62.1	12.17	58.6	12.04	55.1	11.20	53.2	10.77	51.4	10.37	47.9	9.57

Heating capacity tables**MDV-V450W/DRN1**

TC: Total Capacity (kW); PI: Power Input (kW) (Compressor + Outdoor fan motor)

Combination (%)	Outdoor Air temperature		Indoor temperature(°C WB)											
			16		18		20		21		22		24	
	°C DB	°C WB	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	-13.7	-15	35.1	12.37	34.9	12.82	34.8	13.26	34.8	13.49	34.8	13.71	34.6	14.15
	-11.8	-13	36.5	12.73	36.5	13.15	36.4	13.57	36.4	13.79	36.4	14.00	36.2	14.43
	-9.8	-11	38.3	13.08	38.1	13.49	38.1	13.89	38.1	14.10	37.9	14.30	37.9	14.70
	-9.5	-10	39.2	13.26	39.1	13.66	39.1	14.05	38.9	14.25	38.9	14.45	38.7	14.84
	-8.5	-9.1	40.0	13.41	39.8	13.80	39.8	14.18	39.8	14.38	39.7	14.58	39.7	14.96
	-7	-7.6	41.4	13.67	41.4	14.05	41.3	14.42	41.3	14.61	41.3	14.79	41.1	15.17
	-5	-5.6	43.7	14.02	43.5	14.37	43.5	14.73	43.3	14.89	43.3	15.07	43.2	15.44
	-3	-3.7	45.7	14.33	45.7	13.01	45.6	15.01	45.6	15.17	45.6	15.34	43.7	14.70
	0	-0.7	49.4	14.79	49.4	15.11	49.2	15.42	48.4	15.17	46.8	14.55	43.7	13.34
	3	2.2	53.3	15.22	53.2	15.50	50.0	14.35	48.4	13.79	46.8	13.24	43.7	12.16
	5	4.1	56.0	15.50	53.2	14.56	50.0	13.49	48.4	12.98	46.8	12.47	43.7	11.46
	7	6	56.4	14.71	53.2	13.69	50.0	12.70	48.4	12.22	46.8	11.74	43.7	10.80
	9	7.9	56.4	13.82	53.2	12.88	50.0	11.96	48.4	11.36	46.8	11.07	43.7	10.19
	11	9.8	56.4	13.01	53.2	12.14	50.0	11.28	48.4	10.85	46.8	10.44	43.7	9.63
	13	11.8	56.4	12.22	53.2	11.41	50.0	10.62	48.4	10.23	46.8	9.85	43.7	9.09
	15	13.7	56.4	11.53	53.2	10.77	50.0	10.03	48.4	9.66	46.8	9.30	43.7	8.61
90%	-13.7	-15	34.9	13.16	34.7	13.56	34.7	13.95	34.5	14.15	34.5	14.35	34.5	14.74
	-11.8	-13	36.3	13.48	36.3	13.85	36.1	14.23	36.1	14.43	36.1	14.61	36.0	14.99
	-9.8	-11	38.0	13.79	38.0	14.15	37.9	14.51	37.9	14.70	37.9	14.89	37.7	15.26
	-9.5	-10	39.0	13.95	38.8	14.32	38.8	14.66	38.7	14.84	38.7	15.03	38.7	15.37
	-8.5	-9.1	39.8	14.10	39.8	14.45	39.6	14.79	39.6	14.96	39.6	15.14	39.1	15.29
	-7	-7.6	41.2	14.33	41.2	14.66	41.0	15.01	41.0	15.17	41.0	15.34	39.1	14.60
	-5	-5.6	43.4	14.65	43.3	14.96	43.3	15.27	43.1	15.44	42.0	14.96	39.1	13.72
	-3	-3.7	45.5	14.93	45.5	15.22	45.0	15.29	43.4	14.68	42.0	14.09	39.1	12.93
	0	-0.7	49.3	15.35	47.9	14.98	45.0	13.87	43.4	13.33	42.0	12.80	39.1	11.76
	3	2.2	50.7	14.63	47.9	13.62	45.0	12.63	43.4	12.16	42.0	11.68	39.1	10.75
	5	4.1	50.7	13.76	47.9	12.81	45.0	11.91	43.4	11.45	42.0	11.02	39.1	10.14
	7	6	50.7	12.93	47.9	12.07	45.0	11.22	43.4	10.80	42.0	10.39	39.1	9.58
	9	7.9	50.7	12.19	47.9	11.36	45.0	10.57	43.4	10.19	42.0	9.81	39.1	9.06
	11	9.8	50.7	11.48	47.9	10.72	45.0	10.00	43.4	9.63	42.0	9.27	39.1	8.58
	13	11.8	50.7	10.80	47.9	10.11	45.0	9.42	43.4	9.09	42.0	8.76	39.1	8.10
	15	13.7	50.7	10.21	47.9	9.55	45.0	8.92	43.4	8.61	42.0	8.30	39.1	7.69
80%	-13.7	-15	34.8	13.94	34.6	14.28	34.6	14.65	34.6	14.81	34.4	14.99	34.4	15.35
	-11.8	-13	36.2	14.22	36.2	14.56	36.0	14.89	36.0	15.06	36.0	15.24	34.9	14.83
	-9.8	-11	37.9	14.50	37.9	14.83	37.8	15.16	37.8	15.31	37.5	15.27	34.9	14.00
	-9.5	-10	38.9	14.65	38.7	14.96	38.7	15.27	38.7	15.44	37.5	14.83	34.9	13.59
	-8.5	-9.1	39.7	14.78	36.9	15.09	39.5	15.39	38.7	15.04	37.5	14.43	34.9	13.23
	-7	-7.6	41.1	14.99	41.1	15.29	40.0	14.96	38.7	14.37	37.5	13.79	34.9	12.65
	-5	-5.6	43.3	15.26	42.5	15.17	40.0	14.05	38.7	13.51	37.5	12.96	34.9	11.91
	-3	-3.7	45.1	15.34	42.5	14.28	40.0	13.23	38.7	12.73	37.5	12.22	34.9	11.25
	0	-0.7	45.1	13.92	42.5	12.96	40.0	12.04	38.7	11.59	37.5	11.13	34.9	10.26
	3	2.2	45.1	12.68	42.5	11.83	40.0	11.00	38.7	10.59	37.5	10.19	34.9	9.40
	5	4.1	45.1	11.94	42.5	11.15	40.0	10.37	38.7	9.99	37.5	9.63	34.9	8.89
	7	6	45.1	11.25	42.5	10.52	40.0	9.80	38.7	9.45	37.5	9.10	34.9	8.41
	9	7.9	45.1	10.62	42.5	9.93	40.0	9.25	38.7	8.92	37.5	8.61	34.9	7.97
	11	9.8	45.1	10.03	42.5	9.38	40.0	8.76	38.7	8.44	37.5	8.15	34.9	7.55
	13	11.8	45.1	9.45	42.5	8.86	40.0	8.28	38.7	7.98	37.5	7.70	34.9	7.14
	15	13.7	45.1	8.94	42.5	8.39	40.0	7.85	38.7	7.57	37.5	7.31	34.9	6.80

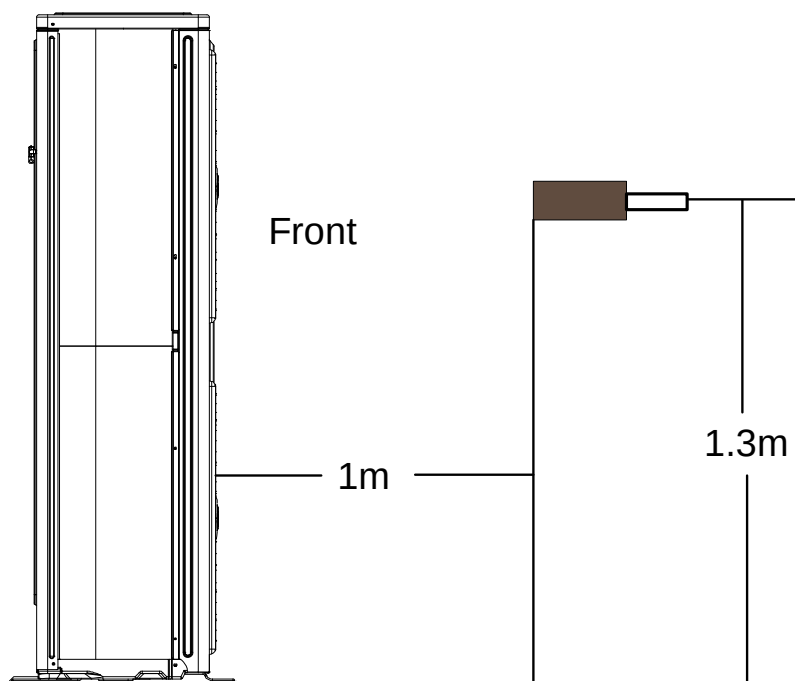
Heating capacity tables**MDV-V450W/DRN1**

TC: Total Capacity (kW); PI: Power Input (kW) (Compressor + Outdoor fan motor)

Combination (%)	Outdoor Air temperature		Indoor temperature(°C WB)											
			16		18		20		21		22		24	
	°C DB	°C WB	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
70%	-13.7	-15	34.5	14.71	34.4	15.02	34.4	15.34	33.7	15.11	32.6	14.50	30.4	13.29
	-11.8	-13	35.9	14.96	35.9	15.26	35.0	14.89	33.7	14.32	32.6	13.74	30.4	12.60
	-9.8	-11	37.7	15.21	37.2	15.19	35.0	14.07	33.7	13.52	32.6	12.98	30.4	11.92
	-9.5	-10	38.6	15.34	37.2	14.74	35.0	13.66	33.7	13.13	32.6	12.62	30.4	11.59
	-8.5	-9.1	39.4	15.42	37.2	14.35	35.0	13.29	33.7	12.78	32.6	12.29	30.4	11.30
	-7	-7.6	39.4	14.73	37.2	13.70	35.0	12.72	33.7	12.24	32.6	11.76	30.4	10.82
	-5	-5.6	39.4	13.84	37.2	12.90	35.0	11.97	33.7	11.51	32.6	13.60	30.4	10.21
	-3	-3.7	39.4	13.03	37.2	12.16	35.0	11.30	33.7	10.87	32.6	10.46	30.4	9.65
	0	-0.7	39.4	11.86	37.2	11.08	35.0	10.31	33.7	9.93	32.6	9.57	30.4	8.84
	3	2.2	39.4	10.84	37.2	10.14	35.0	9.45	33.7	9.10	32.6	8.77	30.4	8.11
	5	4.1	39.4	10.23	37.2	9.57	35.0	8.94	33.7	8.61	32.6	8.30	30.4	7.69
	7	6	39.4	9.66	37.2	9.05	35.0	8.44	33.7	8.15	32.6	7.87	30.4	7.29
	9	7.9	39.4	9.14	37.2	8.56	35.0	8.00	33.7	7.72	32.6	7.45	30.4	6.91
	11	9.8	39.4	8.64	37.2	8.10	35.0	7.59	33.7	7.32	32.6	7.08	30.4	6.56
	13	11.8	39.4	8.16	37.2	7.67	35.0	7.17	33.7	6.94	32.6	6.70	30.4	6.23
	15	13.7	39.4	7.73	37.2	7.27	35.0	6.81	33.7	6.60	32.6	6.37	30.4	5.94
60%	-13.7	-15	33.8	15.11	31.9	14.05	30.0	13.03	29.0	12.53	28.1	12.04	26.2	11.07
	-11.8	-13	33.8	14.30	31.9	13.31	30.0	12.35	29.0	11.89	28.1	11.43	26.2	10.57
	-9.8	-11	33.8	13.51	31.9	12.58	30.0	11.69	29.0	11.25	28.1	10.82	26.2	9.98
	-9.5	-10	33.8	13.13	31.9	12.24	30.0	11.36	29.0	10.95	28.1	10.52	26.2	9.70
	-8.5	-9.1	33.8	12.78	31.9	11.92	30.0	11.08	29.0	10.67	28.1	10.26	26.2	9.47
	-7	-7.6	33.8	12.22	31.9	11.41	30.0	10.60	29.0	10.23	28.1	9.83	26.2	9.09
	-5	-5.6	33.8	11.51	31.9	10.75	30.0	10.01	29.0	9.65	28.1	9.28	26.2	8.59
	-3	-3.7	33.8	10.87	31.9	10.16	30.0	9.47	29.0	9.14	28.1	8.79	26.2	8.13
	0	-0.7	33.8	9.93	31.9	9.30	30.0	8.68	29.0	8.38	28.1	8.06	26.2	7.47
	3	2.2	33.8	9.10	31.9	8.54	30.0	7.98	29.0	7.70	28.1	7.44	26.2	6.89
	5	4.1	33.8	8.61	31.9	8.08	30.0	7.55	29.0	7.31	28.1	7.04	26.2	6.55
	7	6	33.8	8.15	31.9	7.65	30.0	7.16	29.0	6.93	28.1	6.70	26.2	6.22
	9	7.9	33.8	7.72	31.9	7.26	30.0	6.79	29.0	6.58	28.1	6.35	26.2	5.92
	11	9.8	33.8	7.32	31.9	6.89	30.0	6.46	29.0	6.25	28.1	6.04	26.2	5.64
	13	11.8	33.8	6.93	31.9	6.53	30.0	6.13	29.0	5.94	28.1	5.74	26.2	5.36
	15	13.7	33.8	6.60	31.9	6.20	30.0	5.84	29.0	5.66	28.1	5.48	26.2	5.11
50%	-13.7	-15	28.2	12.11	26.6	11.30	25.0	10.51	24.1	10.13	23.3	9.75	21.7	9.01
	-11.8	-13	28.2	11.49	26.6	10.74	25.0	9.99	24.1	9.63	23.3	9.27	21.7	8.58
	-9.8	-11	28.2	10.89	26.6	10.18	25.0	9.48	24.1	9.14	23.3	8.81	21.7	8.15
	-9.5	-10	28.2	10.59	26.6	9.90	25.0	9.24	24.1	8.91	23.3	8.58	21.7	7.93
	-8.5	-9.1	28.2	10.32	26.6	9.66	25.0	9.01	24.1	8.69	23.3	8.38	21.7	7.75
	-7	-7.6	28.2	9.90	26.6	9.27	25.0	8.64	24.1	8.35	23.3	8.05	21.7	7.45
	-5	-5.6	28.2	9.33	26.6	8.76	25.0	8.18	24.1	7.90	23.3	7.62	21.7	7.06
	-3	-3.7	28.2	8.84	26.6	8.30	25.0	7.75	24.1	7.49	23.3	7.22	21.7	6.71
	0	-0.7	28.2	8.11	26.6	7.62	25.0	7.14	24.1	6.89	23.3	6.66	21.7	6.20
	3	2.2	28.2	7.47	26.6	7.03	25.0	6.58	24.1	6.37	23.3	6.15	21.7	5.74
	5	4.1	28.2	7.09	26.6	6.66	25.0	6.25	24.1	6.05	23.3	5.85	21.7	5.46
	7	6	28.2	6.73	26.6	6.33	25.0	5.95	24.1	5.76	23.3	5.57	21.7	5.21
	9	7.9	28.2	6.38	26.6	6.02	25.0	5.66	24.1	5.49	23.3	5.31	21.7	4.96
	11	9.8	28.2	6.07	26.6	5.72	25.0	5.39	24.1	5.23	23.3	5.06	21.7	4.73
	13	11.8	28.2	5.77	26.6	5.44	25.0	5.13	24.1	4.98	23.3	4.82	21.7	4.52
	15	13.7	28.2	5.49	26.6	5.20	25.0	4.90	24.1	4.75	23.3	4.60	21.7	4.32

8. Sound levels

Side air discharge type



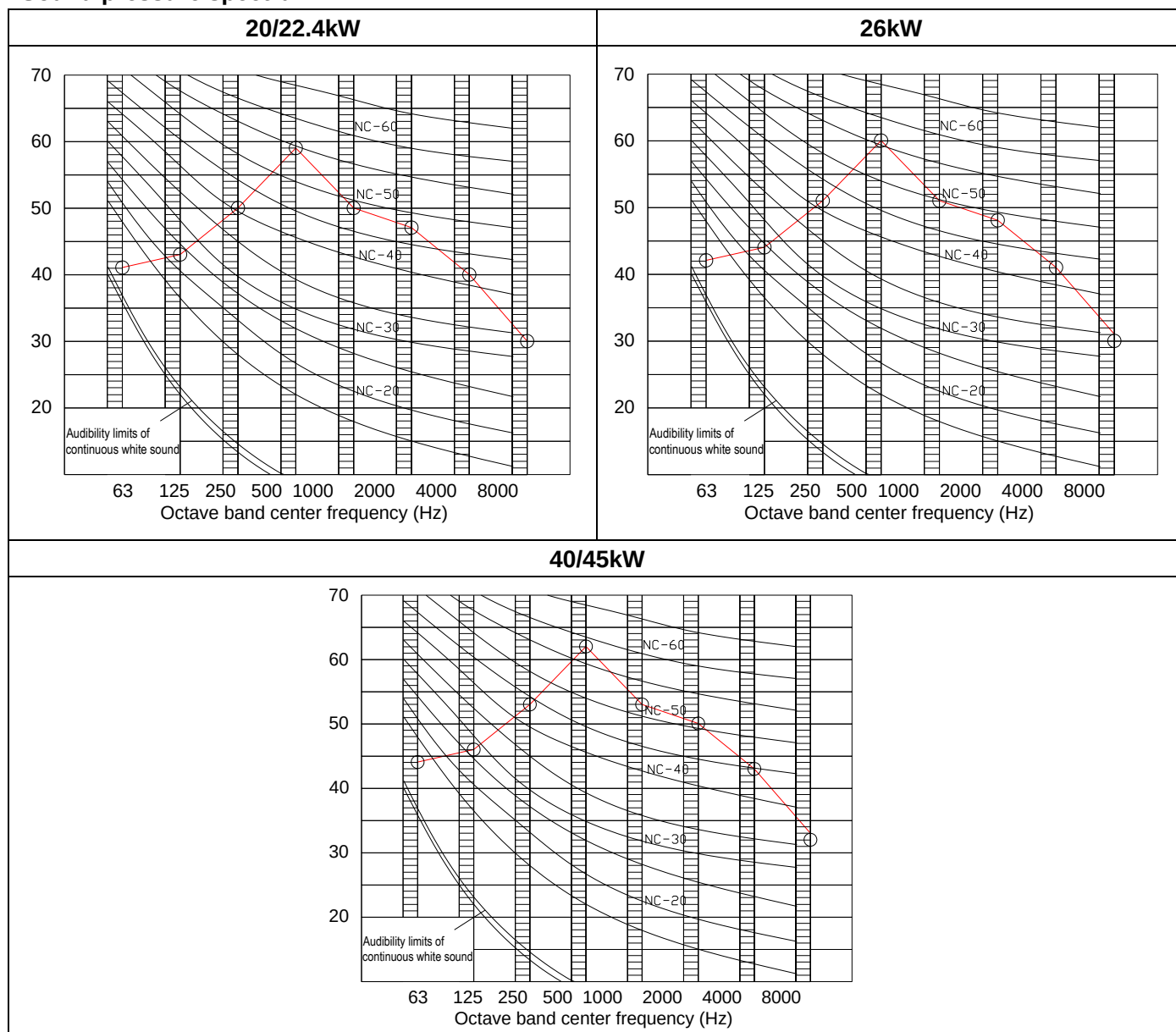
Notes:

- Data is valid at free field condition
- Data is valid at nominal operating condition
- Sound level will vary depending on a range of factors such as the construction (acoustic absorption coefficient) of particular room in which the equipment is installed
- Sound level can be increased in static pressure mode or used air guide.

Sound pressure level

Model	Sound pressure level d(B)A
MDV-V200W/DRN1	59
MDV-V224W/DRN1	59
MDV-V260W/DRN1	60
MDV-V400W/DRN1	62
MDV-V450W/DRN1	62

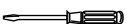
Sound pressure spectrum



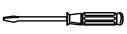
9. Accessories

9.1 Standard accessories

MDV-V200W/DRN1 MDV-V224W/DRN1 MDV-V260W/DRN1

Name	Shape	Quantity
Installation manual of outdoor unit		1
Operation manual of outdoor unit		1
Operation manual of indoor unit		1
Installation manual of branch pipes		1
Water outlet connection pipe		1
Straight screwdriver		1
Sealing ring		1
Waterproof chassis cover		2
Connection pipe (26kW)		1
Connection pipe (26kW)		1

MDV-V400W/DRN1 MDV-V450W/DRN1

Name	Shape	Quantity
Installation manual of outdoor unit		1
Operation manual of outdoor unit		1
Operation manual of indoor unit		1
Installation manual of branch pipes		1
Straight screwdriver		1
Connection pipe		1
Connection pipe		1

9.2 Optional accessories

Branch joint of outdoor & indoor unit

Optional accessories	Model name	Packing Size (mm)	Gross/net Weight (kg)	Function
Branch Joint of outdoor unit	FQZHW-02N1D	255×150×185	1.5/1.2	Distribute the refrigerant to Indoor Units and balance the resistance between each outdoor unit.
	FQZHW-03N1D	345×160×285	3.4/2.4	
	FQZHW-04N1D	475×165×300	4.8/3.6	
Branch Joint of indoor unit	FQZHN-01D	290×105×100	0.4/0.3	
	FQZHN-02D	290×105×100	0.6/0.4	
	FQZHN-03D	310×130×125	0.9/0.6	
	FQZHN-04D	350×170×180	1.5/1.1	
	FQZHN-05D	365×195×215	1.9/1.4	

Other optional accessories

Optional accessories	Model name	Function
Outdoor controller	MD-CCM02/E	Monitor the outdoor operating parameter
Three phase electricity power protector	DPA51CM44 or HWUA/DPB71CM48	To stop the air-conditioner running in case of bad power supply such as Phase Error, Over-voltage, Under-voltage lose, phase lost and phase sequence inverse. Thus to protect the equipment.
Digital ammeter (WHM)	DTS634/DT636	Electricity Charge monitor
One to four branch box	FQT4-01	Max. 4 groups indoor units can be connected to one branch box. It is only available for 20/22.4/26kW models.