

TECHNICAL DATA

Model			MDV-D28Q4/N1-E	MDV-D36Q4/N1-E	MDV-D45Q4/N1-E	MDV-D56Q4/N1-E	MDV-D71Q4/N1-E
Power supply		V/phase/Hz	220~240/1/50				
Cooling	Rated capacity (*1)	kW	2.8	3.6	4.5	5.6	7.1
	Rated power input	W	80	80	88	88	88
	Rated current	A	0.35	0.35	0.38	0.38	0.38
Heating	Rated capacity (*2)	kW	3.2	4.0	5.0	6.3	8.0
	Rated power input	W	80	80	88	88	88
	Rated current	A	0.35	0.35	0.38	0.38	0.38
Heat exchanger	Corrosion protection		Hydrophilic coating				
Rated airflow (low/medium/high)		m ³ /min	9.2/10.6/12.7	9.2/10.6/12.7	10.9/12.3/15.1	10.9/12.3/15.1	11.1/12.8/15.8
Sound pressure level (low/medium/high)		dB(A)	30/31/32	30/31/32	33/34/36	33/34/36	35/36/38
Unit dimensions	Net dimensions (width x height x depth)	mm	840×230×840	840×230×840	840×230×840	840×230×840	840×230×840
	Shipping dimensions (width x height x depth)	mm	955×260×955	955×260×955	955×260×955	955×260×955	955×260×955
	Net/gross weight	kg	21.5/26.7	21.5/26.7	23.7/28.9	23.7/28.9	23.7/28.9
Panel	Symbol		T-MBQ4-02B1	T-MBQ4-02B1	T-MBQ4-02B1	T-MBQ4-02B1	T-MBQ4-02B1
	Net dimensions (width x height x depth)	mm	950×46×950	950×46×950	950×46×950	950×46×950	950×46×950
	Shipping dimensions (width x height x depth)	mm	1035×90×1035	1035×90×1035	1035×90×1035	1035×90×1035	1035×90×1035
	Net/gross weight	kg	6.0/9.0	6.0/9.0	6.0/9.0	6.0/9.0	6.0/9.0
Refrigerant		R410A					
Refrigerant flow adjustment		EXV					
Piping	Liquid	mm	Ø6.35	Ø6.35	Ø6.35	Ø9.53	Ø9.53
	Gas	mm	Ø12.7	Ø12.7	Ø12.7	Ø15.9	Ø15.9
Condensate drain		mm	Ø32	Ø32	Ø32	Ø32	Ø32
Cables	Power supply	mm ²	3×2.5(L≤20m); 3×3.5(L≤50m)				
	Communication	mm ²	3×0.75 shielded				
Remote controller		Wireless remote controller RM05					

Model			MDV-D80Q4/N1-E	MDV-D90Q4/N1-E	MDV-I100Q4/DHN1-D	MDV-I112Q4/DHN1-D	MDV-I140Q4/DHN1-D
Power supply		V/phase/Hz	220~240/1/50				
Cooling	Rated capacity (*1)	kW	8.0	9.0	10.0	11.2	14.0
	Rated power input	W	110	140	125	125	135
	Rated current	A	0.48	0.61	0.54	0.54	0.59
Heating	Rated capacity (*2)	kW	9.0	10.0	11.1	12.5	15.0
	Rated power input	W	110	140	125	125	135
	Rated current	A	0.48	0.61	0.54	0.54	0.59
Heat exchanger	Corrosion protection		Hydrophilic coating				
Rated airflow (low/medium/high)		m ³ /min	13.2/17.0/20.0	15.1/18.8/22.2	17.2/20.7/26.6	17.2/20.7/26.6	20.3/23.8/28.8
Sound pressure level (low/medium/high)		dB(A)	37/39/42	38/39/43	36/41/47	36/42/47	35/45/50
Unit dimensions	Net dimensions (width x height x depth)	mm	840×230×840	840×300×840	904×300×840	904×300×840	904×300×840
	Shipping dimensions (width x height x depth)	mm	955×260×955	955×330×956	955×330×955	955×330×955	955×330×955
	Net/gross weight	kg	23.7/28.9	28.7/34.1	27.4/33.2	27.4/33.2	30.0/35.8
Panel	Symbol		T-MBQ4-02B1	T-MBQ4-02B1	T-MBQ-02C1	T-MBQ-02C1	T-MBQ-02C1
	Net dimensions (width x height x depth)	mm	950×46×950	950×46×950	950×46×950	950×46×950	950×46×950
	Shipping dimensions (width x height x depth)	mm	1035×90×1035	1035×90×1035	1035×90×1035	1035×90×1035	1035×90×1035
	Net/gross weight	kg	6.0/9.0	6.0/9.0	6.0/9.0	6.0/9.0	6.0/9.0
Refrigerant		R410A					
Refrigerant flow adjustment		EXV					
Piping	Liquid	mm	Ø9.53	Ø9.53	Ø9.53	Ø9.53	Ø9.53
	Gas	mm	Ø15.9	Ø15.9	Ø15.9	Ø15.9	Ø15.9
Condensate drain		mm	Ø32	Ø32	Ø32	Ø32	Ø32
Cables	Power supply	mm ²	3×2.5(L≤20m); 3×3.5(L≤50m)				
	Communication	mm ²	3×0.75 shielded				
Remote controller		Wireless remote controller RM05					

Notes:

Rated capacity is given for the following conditions:

(*1) Cooling: Indoor temperature 27°C DB/19°C WB; Outdoor temperature 35°C DB/24°C WB

(*2) Heating: Indoor temperature 20°C DB/15°C WB; Outdoor temperature 7°C DB/6°C WB

Refrigerant piping length measured for the liquid side 8 m. Height difference 0 m.

DB - dry bulb, WB - wet bulb

Sound level measured in a reverberation chamber 1.4 m below the unit.