

# Technical data

## Outdoor units

Model			MV-ND014I	MV-ND018I	MV-ND021I	MV-ND024I	MV-ND028I
Number of indoor units			1-2	1-2	2-3	2-3	2-4
Power supply		F/V/Hz	1F / 220-240V / 50Hz	1F / 220-240V / 50Hz	1F / 220-240V / 50Hz	1F / 220-240V / 50Hz	1F / 220-240V / 50Hz
Capacity	Cooling	kW	4.10 (2.05-4.40)	5.20 (2.14-5.80)	6.10 (2.20-7.30)	7.10 (2.30-8.50)	8.00(2.30-10.25)
	Heating	kW	4.40 (2.49-5.42)	5.40 (2.58-5.92)	6.50 (3.60-8.50)	8.50 (3.65-8.80)	9.50 (3.65-10.25)
Current	Cooling	A	5.32	6.43	7.72	8.65	10.2
	Heating	A	4.53	5.77	7.10	9.76	11.76
Consumption	Cooling	kW	1.2	1.45	1.74	1.95	2.30
	Heating	kW	1.02	1.3	1.6	2.2	2.65
SEER		W/W	6.10	6.10	6.10	6.10	6.10
EER		W/W	3.42	3.59	3.51	3.64	3.48
SCOP		W/W	4	4.15	4.06	4	4
COP		W/W	4.31	4.15	4.06	3.86	3.58
Energy class			A++/A+	A++/A+	A++/A+	A++/A+	A++/A+
Dimensions (WxDxH)		mm	908x378x602	908x378x602	962x396x700	1001x427x790	1001x427x790
Dimensions of package (LXWxH)		mm	948x420x645	948x420x645	1029x458x750	1083x488x855	1083x488x855
Weight Netto/Bruto		kg	43/46	43/46	55/59.5	68/73	69/74
Air flow volume		m <sup>3</sup> /h	2600	2600	3200	4000	4000
Sound pressure level		db(A)	55	55	58	58	58
Refrigerant liquid			R32	R32	R32	R32	R32
Refrigerant charge		kg	1.05	1.05	1.6	1.8	2.0
Max pipe length without additional refrigerant (1)		m	10	10	30	30	40
Maximal pipe length to 1 indoor unit (2)		m	10	10	20	20	20
Additional refrigerant		g/m	20	20	20	20	20
Max. total pipe distances (3)	Height	m	5	5	10	10	10
	Length	m	20	20	60	60	70
Power cable		mm <sup>2</sup>	3x1.0	3x1.5	3x2.5	3x2.5	3x2.5
Automatic switch		A	10	16	20	20	20
Cooling operation temperature range		°C	-15~43	-15~43	-15~43	-15~43	-15~43
Heating operation temperature range		°C	-20~24	-20~24	-20~24	-20~24	-20~24

(1) The standard length of liquid pipes pre-filled with refrigerant.

(2) Maximum length of liquid pipes to the last indoor unit.

(3) Maximum length of liquid pipes in one-way including elevation between indoor and outdoor units.