

WALL MOUNTED SPECIFICATION

NEW DELUXE

RESIDENTIAL



Embedded Wi-Fi



Smart Diagnosis



Active Energy Control



Energy Display



Plasmaster Ionizer^{PLUS}



Dual Protection Filter



Auto Cleaning



Jet Cool



4 Way Swing



Fast Heating



Gold Fin™



Comfort Air



Low Noise 19dB



Silence Mode



Quick & Easy Installation

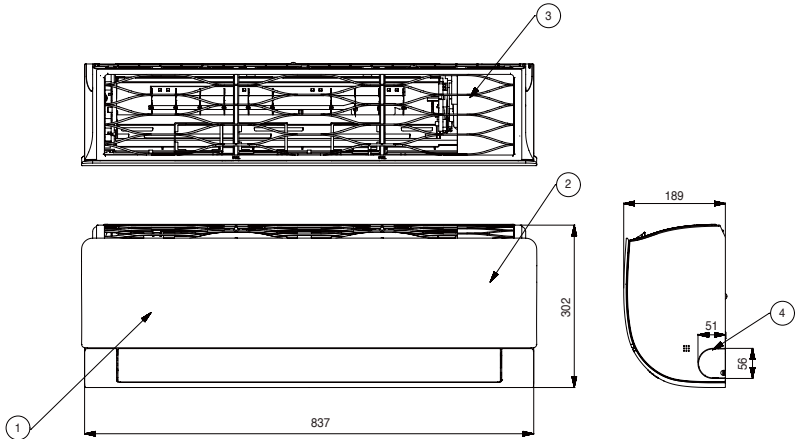
• Single Combination

UNIT				9K	12K
INDOOR				DM09RP.NSJ	DM12RP.NSJ
Capacity	Cooling	Min	W	890	890
		Rated	W	2500	3500
		Max	W	3700	4040
	Heating +7°C	Min	W	890	890
		Rated	W	3200	4000
Power Input	Cooling	Max	W	5000	6000
		Rated	W	3200	3800
		Rated	W	556	898
	Heating +7°C	Rated	W	712	975
		Rated	W	4.5	3.9
EER			W/W	7.7	7.6
S.E.E.R.				2.5	3.5
P design C			kW	4.5	4.1
COP			W/W	4.6	4.6
S.C.O.P.				2.8	2.9
P design H			kW	A++	A++
Energy Label				A++	A++
Annual Energy Consumption	Cooling		kWh	114	162
	Heating		kWh	853	883
	Heating		kWh	19	19
Sound Pressure	Cooling	Sleep	dBA+1	24	24
		Low	dBA+1	35	35
		Medium	dBA+1	40	40
		High	dBA+1	24	24
	Heating	Low	dBA+1	35	35
		Medium	dBA+1	40	40
Sound Power	Cooling	High	dBA	60	60
Air Flow Rate	Cooling	Sleep	m³/min	3.5	3.5
		Low	m³/min	5.5	5.5
		Medium	m³/min	9.0	9.0
		High	m³/min	11.0	11.0
	Heating	Max (Power)	m³/min	13.0	13.0
		Low	m³/min	6.5	6.5
		Medium	m³/min	9.0	9.0
		High	m³/min	11.0	11.0
	Dehumidification Rate	Rated	l/h	1.1	1.3
		Max	A	2.5	4.0
		Rated	A	6.0	6.0
		Max	A	3.2	4.3
Starting Current	Cooling	Rated	A	7.0	7.0
		Rated	A	2.5	4.0
		Rated	A	3.2	4.3
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Circuit Breaker			A	15	15
Power Supply Cable			N x mm²	3*1.0	3*1.0
Power & Transmission Cable			N x mm²	4*1.0 (Including Earth)	4*1.0 (Including Earth)
Dimension			mm	837*302*189	837*302*189
Net Weight			kg	8.3	8.3
Fan Motor Output			W	30	30

OUTDOOR				DM09RPUL2	DM12RPUL2
Operation Range	Cooling	Min-Max	°CDB	-15~48	-15~48
	Heating	Min-Max	°CDB	-15~24	-15~24
Sound Pressure	Cooling	High	dBA+1	47	47
	Heating	High	dBA+1	48	48
Sound Power	Cooling	High	dBA	65	65
Air Flow Rate	Cooling	High	m³/min	35	35
	Piping	Length (Odu/Idu)	m	3	3
Piping Connection	Liquid	Max	m	20	20
		Max	m	10	10
Refrigerant	Type	OD(Outside)	mm	6.35	6.35
		OD(Outside)	inch	(1/4)	(1/4)
	Gas	OD(Outside)	mm	9.52	9.52
		OD(Outside)	inch	(3/8)	(3/8)
	Drain	OD(Outside)	mm	21.5	21.5
		OD(Outside)	inch	0.85	0.85
Fan Motor Output	Type			R410A	R410A
		Charge at 7.5m	g	1,000	1,000
	Additional charge		t-CO ₂ eq	2.09	2.09
		GWP	g/m	20	20
Compressor Type			W	2087.5	2087.5
Net Weight			kg	43	43
Dimension			mm	1P Rotary	1P Rotary
				30.5	30.5
				770*545*288	770*545*288

* S : Sleep / L : Low / M : Medium / H : High
** Specification, design and feature are subject to change without prior notice.

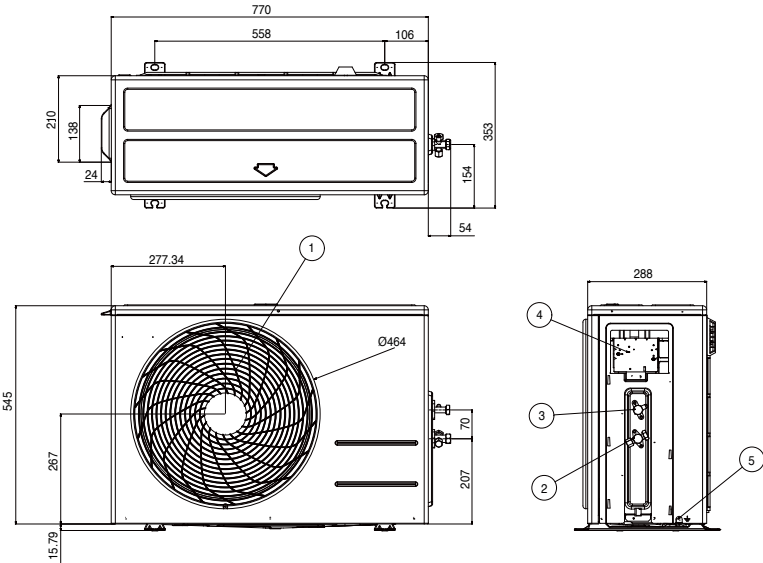
DM09RP.NSJ / DM12RP.NSJ



(Unit : mm)

Item No.	Part Name	Remark
1	Front Panel	
2	Display & Signal Receiver	Hidden
3	Air Filter	
4	Knockout hole	For pipe and cable

DM09RP.UL2 / DM12RP.UL2



(Unit : mm)

Item No.	Part Name
1	Air Discharge Grille
2	Gas Pipe Connection Port
3	Liquid Pipe Connection Port
4	Control Box
5	Earth Screw

* This product contains Fluorinated greenhouse gases (R410A).

• Multi Combination

UNIT				7K	9K	12K
INDOOR				DM07RP.NSJ	DM09RP.NSJ	DM12RP.NSJ
Capacity	Cooling/Heating	Nom	kW	2.1 / 2.3	2.5 / 3.2	3.5 / 4.0
Power Input			W	30	30	30
Running Current			A	0.2	0.2	0.2
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Air Flow Rate		H / M / L	m³/min	7.5 / 6.1 / 4.5	7.7 / 6.4 / 5.0	8.1 / 6.7 / 5.3
Sound Pressure Level		H / M / L	dB(A)	35 / 31 / 26	36 / 32 / 27	38 / 34 / 29
Sound Power Level		Cooling	dB(A)	56	56	56
Dehumidification Rate		l/h	l/h	0.9	1.1	1.2
Piping Connections	Liquid		mm(inch)	Ø 6.35 (1/4)	Ø 6.35 (1/4)	Ø 6.35 (1/4)
	Gas		mm(inch)	Ø 9.52 (3/8)	Ø 9.52 (3/8)	Ø 9.52 (3/8)

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Wi-Fi



Smart
Diagnosis



Active
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Energy
Display



Plasmaster
Ionizer^{PLUS}



Dual
Protection
Filter



Auto
Cleaning



Jet Cool



4 Way
Swing



Fast
Heating



Gold Fin™



Comfort
Air



Silence
Mode



Quick
& Easy
Installation

• Single Combination

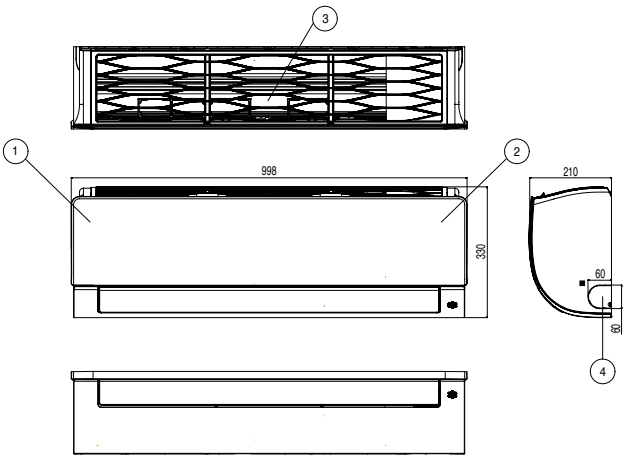
UNIT				18K	24K
INDOOR				DM18RP.NSK	DM24RP.NSK
Capacity	Cooling	Min	W	900	900
		Rated	W	5000	6600
		Max	W	5525	7420
	Heating +7°C	Min	W	900	900
		Rated	W	5800	7500
		Max	W	6438	8640
Power Input	Heating -7°C	Rated	W	3800	4850
		Cooling	Rated	1,562	2,275
		Heating +7°C	Rated	1,611	2,238
EER			W/W	3.2	2.9
S.E.E.R.				7.0	6.5
P design C			kW	5.0	6.6
COP			W/W	3.60	3.35
S.C.O.P.				4.2	4.0
P design H			kW	4.1	5.0
Energy Label	Cooling			A++	A++
	Heating			A+	A+
Annual Energy Consumption	Cooling		kWh	250	356
	Heating		kWh	1367	1770
Sound Pressure	Cooling	Sleep	dBA+1	31	31
		Low	dBA+1	34	34
		Medium	dBA+1	39	42
		High	dBA+1	44	47
	Heating	Low	dBA+1	34	34
		Medium	dBA+1	39	42
		High	dBA+1	44	47
				60	65
Sound Power	Cooling	High	dBA	60	65
Air Flow Rate	Cooling	Sleep	m³/min	8.0	8.0
		Low	m³/min	10.5	10.5
		Medium	m³/min	13.0	13.1
		High	m³/min	14.5	16.1
	Heating	Max (Power)	m³/min	15.5	20.0
		Low	m³/min	11.0	11.0
		Medium	m³/min	13.5	15.0
		High	m³/min	16.0	18.5
Dehumidification Rate			l/h	1.8	2.5
Running Current	Cooling	Rated	A	6.9	10.1
		Max	A	9	14.0
	Heating	Rated	A	7.1	10.4
		Max	A	9.5	14.0
Starting Current	Cooling	Rated	A	6.9	10.1
	Heating	Rated	A	7.1	10.4
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Circuit Breaker			A	20	25
Power Supply Cable			N x mm²	3 x 1.5	3 x 2.5
Power & Transmission Cable			N x mm²	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)
Dimension			mm	998*330*210	998*330*210
Net Weight			kg	12	12
Fan Motor Output			W	60	60

OUTDOOR				DM18RPUL2	DM24RP.UUE
Operation Range	Cooling	Min-Max	°CDB	-15~48	-15~48
	Heating	Min-Max	°CDB	-10~24	-10~24
Sound Pressure	Cooling	High	dBA+1	53	56
	Heating	High	dBA+1	55	57
Sound Power	Cooling	High	dBA	65	70
Air Flow Rate	Cooling	High	m³/min	35	50
		Min	m	-	-
Piping	Length (Odu/Idu)	Max	m	20	30
	Elevation (Odu/Idu)	Max	m	10	15
Piping Connection	Liquid	OD(Outside)	mm	6.35	6.35
		OD(Outside)	inch	(1/4)	(1/4)
	Gas	OD(Outside)	mm	12.7	15.88
		OD(Outside)	inch	(1/2)	(5/8)
	Drain	OD(Outside)	mm	21.5	21.5
		OD(Outside)	inch	0.85	0.85
Refrigerant	Type			R410A	R410A
	Charge at 7.5m	g		1250	1350
		t-CO ₂ eq		2.61	2.82
	Additional charge	g/m		20	30
Fan Motor Output	GWP			2087.5	2087.5
		W		43	85
Compressor Type				Twin Rotary	Twin Rotary
Net Weight			kg	36.2	46.4
Dimension			mm	770*545*288	870*655*320

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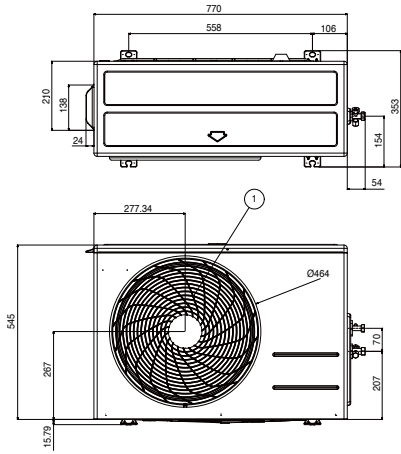
DM18RP.NSK / DM24RP.NSK



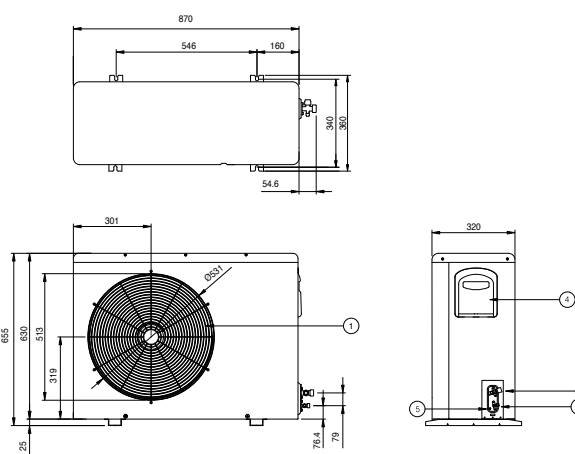
(Unit : mm)

Item No.	Part Name	Remark
1	Front Panel	
2	Display & Signal Receiver	Hidden
3	Air Filter	
4	Knockout hole	For pipe and cable

DM18RP.UL2



DM24RP.UUE



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(Unit : mm)

Item No.	Part Name
1	Air Discharge Grille
2	Gas Pipe Connection Port
3	Liquid Pipe Connection Port
4	Control Box
5	Earth Screw

• Multi Combination

UNIT				18K	24K
INDOOR				DM18RP.NSK	DM24RP.NSK
Capacity	Cooling/Heating	Nom	kW	5.0 / 5.8	6.6 / 7.5
Power Input			W	60	60
Running Current			A	0.4	0.4
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Air Flow Rate		H / M / L	m³/min	14.2 / 11.3 / 9.9	15.2 / 12.7 / 10.2
Sound Pressure Level		H / M / L	dB(A)	44 / 38 / 34	47 / 41 / 36
Sound Power Level		Cooling	dB(A)	60	64
Dehumidification Rate		l/h	l/h	1.9	2.6
Piping Connections	Liquid		mm(inch)	Ø 6.35 (1/4)	Ø 6.35 (1/4)
	Gas		mm(inch)	Ø 12.7 (1/2)	Ø 12.7 (1/2)