

WALL MOUNTED SPECIFICATION

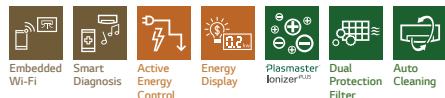
ARTCOOL



* ARTCOOL models may contain preliminary data



LG participates in the ECP programme for EUROVENT AC program.
Check ongoing validity of certification :
www.eurovent-certification.com



• Single Combination

UNIT				9K	12K
INDOOR				AM09BP.NSJ	AM12BP.NSJ
Capacity	Cooling	Min/Rated/Max	W	890/2500/3700	890/3500/4040
	Heating +7°C	Min/Rated/Max	W	890/3200/4100	890/3800/5100
Power Input	Cooling	Rated	W	3000	3600
	Heating +7°C	Rated	W	840	1000
EER			W/W	3.73	3.24
S.E.E.R.				6.5	6.4
P design C			kW	2.5	3.5
COP			W/W	3.81	3.80
S.C.O.P.				4.0	4.0
P design H			kW	2.4	2.5
Energy Label	Cooling			A++	A++
	Heating			A+	A+
Annual Energy Consumption	Cooling		kWh	134	191
	Heating		kWh	840	875
Sound Pressure	Cooling	Sleep	dB(A)	19	19
		Low	dB(A)	27	27
		Medium	dB(A)	35	35
		High	dB(A)	41	41
	Heating	Low	dB(A)	27	27
		Medium	dB(A)	35	35
		High	dB(A)	41	41
		Max (Power)	dB(A)	59	59
Sound Power	Cooling	Sleep	m³/min	3.0	3.0
		Low	m³/min	4.2	4.2
		Medium	m³/min	7.5	7.5
		High	m³/min	10.0	10.0
	Heating	Low	m³/min	5.6	5.6
		Medium	m³/min	7.2	7.2
		High	m³/min	10.0	10.0
		Max	l/h	1.1	1.3
Dehumidification Rate	Cooling	Rated	A	3.0	4.7
		Max	A	6.0	6.0
	Heating	Rated	A	3.7	4.5
		Max	A	7.0	7.0
Starting Current	Cooling	Rated	A	3.0	4.7
	Heating	Rated	A	3.7	4.5
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*308*192	837*308*192
Net Weight		kg		9.9	9.9
Fan Motor Output		W		30	30
OUTDOOR				AM09BP.UA3	AM12BP.UA3
Operation Range	Cooling	Min-Max	°CDB	-10~48	-10~48
	Heating	Min-Max	°CDB	-10~24	-10~24
Sound Pressure	Cooling	High	dB(A)	49	49
	Heating	High	dB(A)	50	50
Sound Power	Cooling	High	dB(A)	65	65
Air Flow Rate	Cooling	High	m³/min	27	27
	Length (Odu/Idu)	Min	m	3	3
Piping	Max	m		15	15
	Elevation (Odu/Idu)	Max	m	7	7
Piping Connection	Liquid	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
Refrigerant				0.85	0.85
	Type			R410A	R410A
	Charge at 7.5m		g	950	950
			t-CO ₂ eq	1.98	1.98
	Additional charge		g/m	20	20
Fan Motor Output				2087.5	2087.5
	Compressor Type			43	43
Net Weight				1P Rotary	1P Rotary
	Dimension			29	29
Dimension			mm	717*483*230	717*483*230

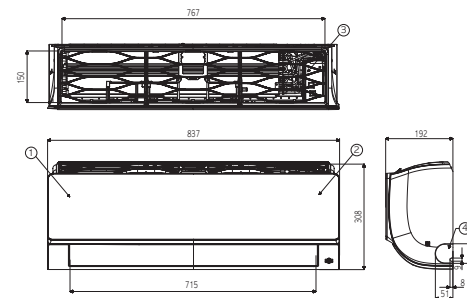
* This product contains Fluorinated greenhouse gases (R410A).

** S : Sleep / L : Low / M : Medium / H : High

*** Specification, design and feature are subject to change without prior notice.

**** Artcool : preliminary specification

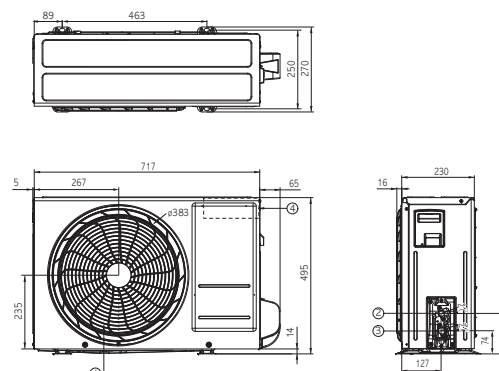
AM09BP.NSJ / AM12BP.NSJ



(Unit : mm)

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

AM09BP.UA3 / AM12BP.UA3



(Unit : mm)

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

* This product contains Fluorinated greenhouse gases (R410A).

• Multi Combination

UNIT				7K	9K	12K
INDOOR				AM07BP.NSJ	AM09BP.NSJ	AM12BP.NSJ
Capacity	Cooling/Heating	Nom	kW	2.1 / 2.3	2.5 / 3.2	3.5 / 3.8
Power Input		W x No.		30 x 1	30 x 1	30 x 1
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	9.7 / 8.2 / 5.7	10.2 / 8.4 / 5.7	10.7 / 9.2 / 5.7
Sound Pressure Level		H / M / L	dB(A)	35/32/27	36/33/27	40/35/27
Sound Power Level	Cooling		dB(A)	57	57	57
Dehumidification Rate		l/h		0.9	1.1	1.2
Dimension			mm	837*308*192	837*308*192	837*308*192
Net weight			kg	9.9	9.9	9.9
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)

* Artcool : preliminary specification

WALL MOUNTED SPECIFICATION

ARTCOOL



* ARTCOOL models may contain preliminary data



LG participates in the ECP programme for EUROVENT AC program.
Check ongoing validity of certification:
www.eurovent-certification.com



• Single Combination

UNIT				18K
INDOOR				AM18BPNSK
Capacity	Cooling	Min/Rated/Max	W	900/5000/5525
	Heating	Min/Rated/Max	W	900/5800/6438
Power Input	Cooling	Rated	W	3800
	Heating	Rated	W	1587
EER	Cooling	Rated	W/W	1611
	Heating	Rated	W/W	3.15
S.E.E.R.	Cooling	Rated	W/W	6.5
	Heating	Rated	W/W	5.0
P design C	Cooling	Rated	W/W	3.60
	Heating	Rated	W/W	4.0
COP	Cooling	Rated	W/W	3.9
	Heating	Rated	W/W	A++
S.C.O.P.	Cooling	Rated	W/W	A+
	Heating	Rated	W/W	269
Annual Energy Consumption	Cooling	Rated	kWh	1365
	Heating	Rated	kWh	31
Sound Pressure	Cooling	Sleep	dBA	34
	Heating	Low	dBA	39
Sound Power	Cooling	Medium	dBA	44
	Heating	High	dBA	34
Air Flow Rate	Cooling	Low	dBA	39
	Heating	Medium	dBA	44
Dehumidification Rate	Cooling	High	dBA	60
	Heating	Sleep	m³/min	8.0
Running Current	Cooling	Low	m³/min	10.5
	Heating	Medium	m³/min	13.0
Starting Current	Cooling	High	m³/min	14.5
	Heating	Max (Power)	m³/min	15.5
Power Supply	Cooling	Low	m³/min	11.0
	Heating	Medium	m³/min	13.5
Circuit Breaker	Cooling	High	m³/min	16.0
	Heating	Rated	A	1.8
Power Supply Cable	Cooling	Rated	A	6.9
	Heating	Rated	A	9.0
Power & Transmission Cable	Cooling	Rated	A	7.1
	Heating	Rated	A	9.5
Dimension	Cooling	Rated	A	6.9
	Heating	Rated	A	7.1
Net Weight	Cooling	Rated	A	1 / 220-240 / 50
	Heating	Rated	A	20
Fan Motor Output	Cooling	Rated	A	3 x 1.5
	Heating	Rated	A	N x mm²
Operation Range	Cooling	Min-Max	°CDB	4 x 1.0 (Including Earth)
	Heating	Min-Max	°CDB	998*345*212
Sound Pressure	Cooling	High	dBA	13.2
	Heating	High	dBA	30
Sound Power	Cooling	High	dBA	AM18BPUL2
	Heating	High	dBA	-15-48
Air Flow Rate	Cooling	High	dBA	-10-24
	Heating	High	dBA	53
Piping	Cooling	High	dBA	55
	Heating	High	dBA	65
Piping Connection	Cooling	High	dBA	65
	Heating	High	dBA	35
Refrigerant	Cooling	High	dBA	3
	Heating	High	dBA	20
Fan Motor Output	Cooling	High	dBA	10
	Heating	High	dBA	6.35
Compressor Type	Cooling	High	dBA	(1/4)
	Heating	High	dBA	12.7
Net Weight	Cooling	High	dBA	(1/2)
	Heating	High	dBA	21.5
Dimension	Cooling	High	dBA	0.85
	Heating	High	dBA	R410A
Fan Motor Output	Cooling	High	dBA	1200
	Heating	High	dBA	2.51
Compressor Type	Cooling	High	dBA	20
	Heating	High	dBA	2087.5
Net Weight	Cooling	High	dBA	43
	Heating	High	dBA	Twin Rotary
Dimension	Cooling	High	dBA	36.7
	Heating	High	dBA	770*545*288

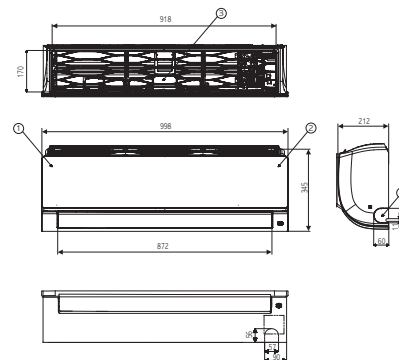
* This product contains Fluorinated greenhouse gases (R410A).

** S : Sleep / L : Low / M : Medium / H : High

*** Specification, design and feature are subject to change without prior notice.

**** Artcool : preliminary specification

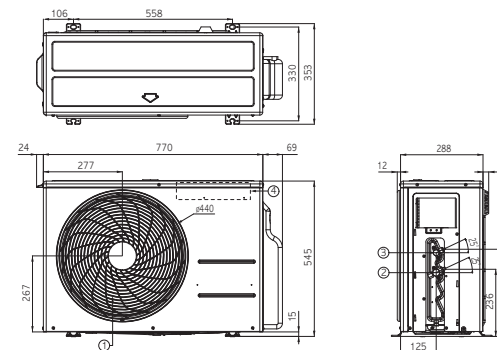
AM18BP.NSK



(Unit : mm)

Item No.	Part Name	Remark
1	Front Panel	
2	Display & Signal Receiver	
3	Air Suction Filter	
4	Installation Plate	

AM18BP.UL2



(Unit : mm)

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

* This product contains Fluorinated greenhouse gases (R410A).

• Multi Combination

UNIT				18K	24K
INDOOR				AM18BP NSK	AM24BP NSK
Capacity	Cooling/Heating	Nom	kW	5.0 / 5.8	6.6 / 7.5
Power Input			W x No.	60 x 1	60 x 1
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 / 35	46 / 41 / 36
Sound Power Level		Cooling	dB(A)	59	65
Dehumidification Rate		l/h	l/h	1.9	2.6
Dimension			mm	998*345*212	998*345*212
Net weight			kg	13.2	13.2
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)

* Artcool : preliminary specification