



STANDARD PLUS



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



Embedded Wi-Fi



Smart Diagnosis



Active Energy Control



Energy Display



Dual Protection Filter



Auto Cleaning



Jet Cool



4 Way Swing



Fast Heating



Gold Fin™



Comfort Air



Low Noise 19dB (9k, 12k)



Silence Mode



Quick & Easy Installation

• Single Combination

UNIT				9K	12K	18K
INDOOR				PC09SQ.NSJ	PC12SQ.NSJ	PC18SQ.NSK
Capacity	Cooling	Min/Rated/Max	kW	0.89/2.50/3.70	0.89/3.50/4.04	0.90/5.00/5.50
	Heating +7°C	Min/Rated/Max	kW	0.89/3.30/4.10	0.89/4.00/5.10	0.90/5.80/6.40
	Heating -7°C	Rated	kW	2.60	3.00	4.20
Power Input	Cooling	Rated	W	656	1080	1562
	Heating +7°C	Rated	W	800	1050	1611
EER			W/W	3.81	3.24	3.20
S.E.E.R.				7.0	6.6	7.0
P design C			kW	2.5	3.5	5.0
COP			W/W	4.13	3.81	3.60
S.C.O.P.				4.0	4.0	4.3
P design H			kW	2.5	2.5	3.9
Energy Label	Cooling	(A+++ to E Scale)		A++	A++	A++
	Heating	(A+++ to E Scale)		A+	A+	A+
Annual Energy Consumption	Cooling		kWh	125	186	250
	Heating		kWh	875	875	1270
Sound Pressure	Cooling	Sleep	dBA	19	19	31
		Low	dBA	27	27	34
		Medium	dBA	35	35	39
	Heating	High	dBA	41	41	44
		Low	dBA	27	27	34
		Medium	dBA	35	35	39
Sound Power	Cooling	High	dBA	59	59	60
		Sleep	m³/min	3.0	3.0	8.0
Air Flow Rate	Cooling	Low	m³/min	4.2	4.2	10.5
		Medium	m³/min	7.5	7.5	13.0
		High	m³/min	10.0	10.0	14.5
	Heating	Max (Power)	m³/min	12.5	12.5	15.5
		Low	m³/min	5.6	5.6	11.0
		Medium	m³/min	7.2	7.2	13.5
Dehumidification Rate		High	m³/min	10.0	10.0	16.0
Running Current	Cooling	Rated	A	1.1	1.3	1.8
		Max	A	3.3	4.7	6.9
		Rated	A	6.0	6.0	9.0
Starting Current	Heating	Rated	A	4.0	4.7	7.1
		Max	A	7.0	7.0	9.5
		Rated	A	3.3	4.7	6.9
Power Supply	Heating	Rated	A	4.0	4.7	7.1
Circuit Breaker			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Supply Cable			A	15	15	20
Power & Transmission Cable			N x mm²	3*1.0	3*1.0	3 x 1.5
Dimension			N x mm²	4*1.0 (Including Earth)	4*1.0 (Including Earth)	4 x 1.0 (Including Earth)
Net Weight			mm	837*308*189	837*308*189	998*345*210
Fan Motor Output			kg	8.7	8.7	11.9
			W	30	30	30
OUTDOOR				PC09SQ.UA3	PC12SQ.UA3	PC18SQ.UL2
Operation Range	Cooling	Min-Max	°CDB	-10-48	-10-48	-15-48
	Heating	Min-Max	°CDB	-10-24	-10-24	-10-24
Sound Pressure	Cooling	High	dBA	48	48	53
	Heating	High	dBA	50	50	55
Sound Power	Cooling	High	dBA	65	65	65
	Heating	High	dBA	65	65	65
Air Flow Rate	Cooling	High	m³/min	27	27	35
		Min	m	3	3	3
Piping	Length (Odu/Idu)	Max	m	15	15	20
	Elevation (Odu/Idu)	Max	m	7	7	10
Piping Connection	Liquid	OD(Outside)	mm (inch)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)
	Gas	OD(Outside)	mm (inch)	9.52 (3/8)	9.52 (3/8)	12.7 (1/2)
	Drain	OD(Outside)	mm	21.5	21.5	21.5
	Type	OD(Outside)	inch	0.85	0.85	0.85
Refrigerant	Charge at 7.5m		g	700	700	1000
	t-CO ₂ eq			0.47	0.47	0.68
	Additional charge		g/m	20	20	20
	GWP			675	675	675
Fan Motor Output			W	43	43	43
Compressor Type				Twin Rotary	Twin Rotary	Twin Rotary
Net Weight			kg	25.1	25.1	34.4
Dimension			mm	717*483*230	717*483*230	770*545*288

* This product contains Fluorinated greenhouse gases (R32).

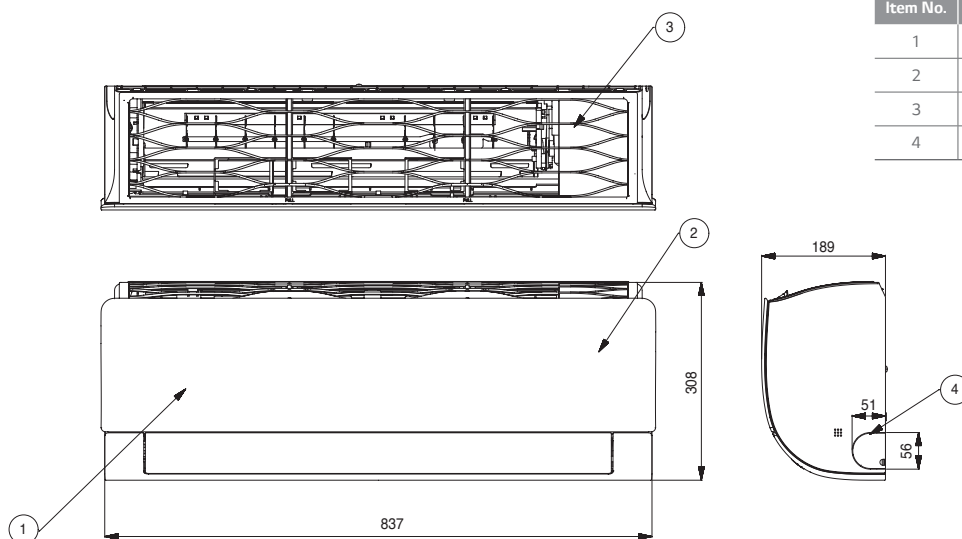
** S : Sleep / L : Low / M : Medium / H : High

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

STANDARD PLUS

PC09SQ.NSJ / PC12SQ.NSJ

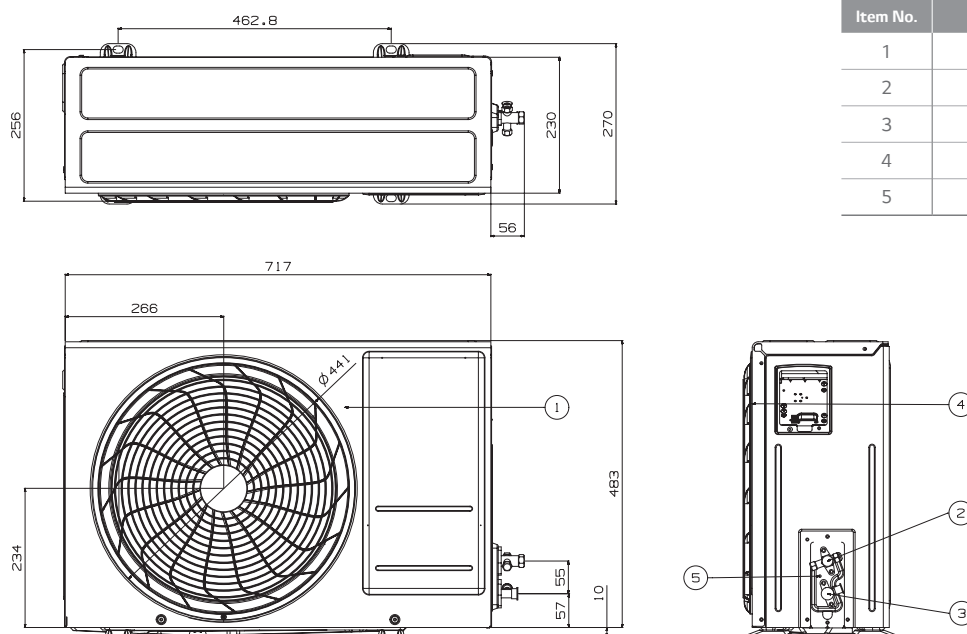
(Unit : mm)



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

PC09SQ.UA3 / PC12SQ.UA3

(Unit : mm)



Item No.	Part Name
1	Air Discharge Grille
2	Gas Pipe Connection Port
3	Liquid Pipe Connection Port
4	Power & Transmission connection
5	Earth Screw

* This product contains Fluorinated greenhouse gases (R32).

STANDARD PLUS

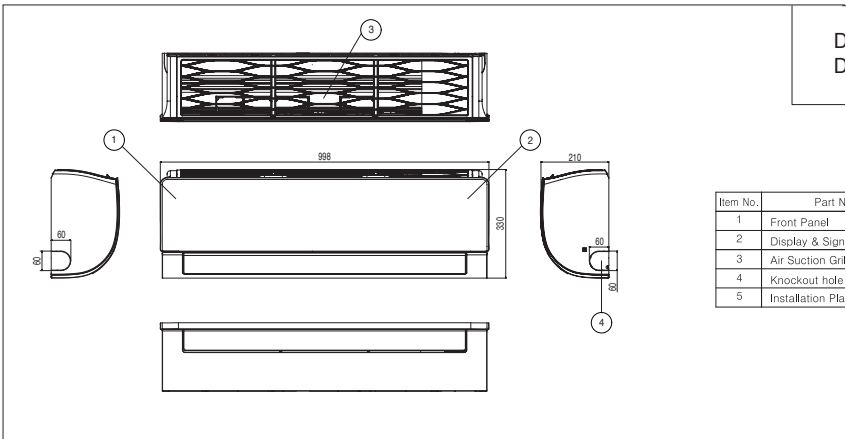


PC18SQ.NSK

(Unit : mm)

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

9 _ Wall Mounted - 50Hz (R410A)



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

PC18SQ.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

