



## Nyilatkozat igényjellegű, egy zónaidős „H” árszabás alkalmazásához

Érkezett: 20

ÜK szám:

Felhasználó neve:										
Felhasználó azonosító szám:	1	0								
Felhasználási hely címe:										
Fogyasztási hely azonosító:	0	4								

A „H” árszabás alkalmazását az alábbi hőszivattyús-berendezés üzemeltetéséhez igénylem:

<b>Berendezés</b>						
gyártója: <b>LG Electronics Inc.,</b>				típusjelzése: <b>PC09SQ.NSJ / PC09SQ.UA3</b>		
<b>Hőszivattyú</b>						
névleges villamos teljesítménye (kW): <b>0,8</b>		fűtési teljesítménye (kW): <b>3,30</b>		jósági tényezője (SCOP értéke): <b>4</b>		
<b>Hőszivattyú működési rendszere</b> (a megfelelőt kérjük bekarikázni)						
<input checked="" type="radio"/> levegő - levegő	<input type="radio"/> levegő - víz	<input type="radio"/> talaj - levegő	<input type="radio"/> talaj - víz	<input type="radio"/> víz - levegő	<input type="radio"/> víz - víz	
A különmért áramkörön lévő hőszivattyús hőellátó rendszer <b>teljes egyidejű villamos teljesítménye</b> (kW):						
<b>A hőszivattyú várható fogyasztása (kWh)</b>						
fűtési időszakban (október 15. – április 15.): <b>875</b>			nyári időszakban (április 16. – október 14.):			

Kijelentem, hogy a „H” árszabást kizárólag a külön mért felhasználói áramkörre állandó jelleggel, megfelelő segédeszköz (szerszám) hiányában állagsérelem nélkül nem leválasztható módon, nem dugaszolhatóan csatlakoztatott, legalább 3,4 (SCOP) jósági fokú hőszivattyúk, és a napenergiából és egyéb megújuló energiaforrásokból nyert hőt épületek hőellátására hasznosító berendezések üzemeltetését közvetlenül szolgáló készülékek (pl. keringető szivattyúk, automatikák) villamosenergia-fogyasztására használok fel.

Kelt: \_\_\_\_\_

\_\_\_\_\_  
felhasználó

A villamosenergia elosztás biztosítása, a csatlakozási-, és hálózathasználati szerződés teljesítése keretében kezelt személyes adatokra vonatkozó tájékoztatást a [www.mvmnext.hu](http://www.mvmnext.hu) honlapon és az ügyfélszolgálati irodáinkban elérhető Általános Adatkezelési Tájékoztatóban találhatja meg. Az ügyintézés során készített hangfelvétellel összefüggésben kezelt személyes adatokra vonatkozó tájékoztatást a [www.mvmnext.hu](http://www.mvmnext.hu) honlapon és az ügyfélszolgálati irodáinkban elérhető Hangfelvétel Rögzítésére Vonatkozó Adatkezelési Tájékoztatóban találhatja meg.

### 3. Specifications

Buyer Model Factory Model	Set (Indoor / Outdoor)		Unit	PC09SQ.SSJ (PC09SQ.NSJ / PC09SQ.UA3) S3-M09JA2FA (S3NM09JA2FA / S3UM09JA2FA)			PC12SQ.SSJ (PC12SQ.NSJ / PC12SQ.UA3) S3-M12A2FA (S3NM12A2FA / S3UM12A2FA)		
				0.89	2.50	3.70	0.89	3.50	4.04
Capacity	Cooling	Min ~ Rated ~ Max	kW	0.89	2.50	3.70	0.89	3.50	4.04
			Btu/h	3,039	8,536	12,633	3,039	11,950	13,794
	Cooling (T3)	Min ~ Rated ~ Max	kW	-	-	-	-	-	-
			Btu/h	-	-	-	-	-	-
Power Input	Heating	Min ~ Rated ~ Max	kW	0.89	3.30	4.10	0.89	4.00	5.10
			Btu/h	3,039	11,268	13,990	3,039	13,658	17,414
	Heating -7 °C	Rated	kW	-	2.60	-	-	3.00	-
			W	200	656	1,400	200	1,080	1,400
Running Current	Cooling	Min ~ Rated ~ Max	W	-	-	-	-	-	-
	Cooling (T3)	Min ~ Rated ~ Max	W	195	800	1,600	195	1,050	1,600
	Heating	Min ~ Rated ~ Max	W	195	800	1,600	195	1,050	1,600
EER	Cooling	Min ~ Rated ~ Max	A	1.10	3.30	6.00	1.10	4.70	6.00
	Cooling (T3)	Min ~ Rated ~ Max	A	-	-	-	-	-	-
	Heating	Min ~ Rated ~ Max	A	1.10	4.00	7.00	1.10	4.70	7.00
EER (T3)			W/W	-	3.81	-	-	3.24	-
			(Btu/h)/W	-	13.01	-	-	11.06	-
SEER			W/W	-	-	-	-	-	-
COP			(Btu/h)/W	-	-	-	-	-	-
			W/W	-	7.00	-	-	6.60	-
SCOP			(Btu/h)/W	-	4.13	-	-	3.81	-
P design C / P design H			W/W	-	14.09	-	-	13.01	-
Energy Label Grade	Cooling / Heating		(Btu/h)/W	-	4.00	-	-	4.00	-
Annual Energy Consumption	Cooling / Heating		-	2.5 / 2.5	-	-	3.5 / 2.5	-	
Power Supply			-	A++ / A+	-	-	A++ / A+	-	
Available Voltage Range			-	125 / 875	-	-	186 / 875	-	
Power Factor	Cooling / Heating		-	Ø, V, Hz	1, 220-240, 50	-	1, 220-240, 50	-	
Moisture Removal			-	V	187 ~ 276	-	187 ~ 276	-	
Indoor	Air Flow Rate	Cooling, Max / H / M / L	m³/min	93 / 94	-	-	97 / 97	-	
		Heating, Max / H / M / L	m³/min	-	1.10	-	-	1.30	
	Sound Pressure Level	Cooling, Max / H / M / L / SL	dB(A)	-	12.5 / 10.0 / 7.5 / 4.2	-	12.5 / 10.0 / 7.5 / 4.2	-	
		Heating, Max / H / M / L	dB(A)	-	13.0 / 10.0 / 7.2 / 5.6	-	13.0 / 10.0 / 7.2 / 5.6	-	
	Sound Power Level		dB(A)	45 / 41 / 35 / 27 / 19	45 / 41 / 35 / 27	45 / 41 / 35 / 27	45 / 41 / 35 / 27		
	Dimensions (W x H x D)	Net	mm	837 x 308 x 189	837 x 308 x 189	837 x 308 x 189	837 x 308 x 189		
		Shipping	mm	882 x 385 x 253	882 x 385 x 253	882 x 385 x 253	882 x 385 x 253		
	Weight	Net	kg	8.7	8.7	8.7	8.7		
		Shipping	kg	11.8	11.8	11.8	11.8		
	Exterior Color Code			-	Munsell 7.5BG 10/2 (RAL 9016)	Munsell 7.5BG 10/2 (RAL 9016)	Munsell 7.5BG 10/2 (RAL 9016)		
Outdoor	Air Flow Rate	Max	m³/min	27.0	27.0	27.0	27.0		
	Fan Motor Speed	Cooling, Min ~ Max	rpm	230 ~ 1000	230 ~ 1000	230 ~ 1000	230 ~ 1000		
		Heating, Min ~ Max	rpm	230 ~ 1000	230 ~ 1000	230 ~ 1000	230 ~ 1000		
	Sound Pressure Level	Cooling, Rated	dB(A)	48	48	48	48		
		Heating, Rated	dB(A)	50	50	50	50		
	Sound Power Level		dB(A)	65	65	65	65		
	Dimensions (W x H x D)	Net	mm	717 x 495 x 230	717 x 495 x 230	717 x 495 x 230	717 x 495 x 230		
		Shipping	mm	836 x 540 x 321	836 x 540 x 321	836 x 540 x 321	836 x 540 x 321		
	Weight	Net	kg	25.1	25.1	25.1	25.1		
		Shipping	kg	27.2	27.2	27.2	27.2		
Max. Fuse Size		A	15	15	15	15			
Exterior Color Code			-	Munsell 9.54Y 8.34/1.31 (RAL 9001)	Munsell 9.54Y 8.34/1.31 (RAL 9001)	Munsell 9.54Y 8.34/1.31 (RAL 9001)			
Operation Range	Cooling	°C DB	-10 ~ 48	-10 ~ 48	-10 ~ 48	-10 ~ 48			
	Heating	°C DB	-10 ~ 24	-10 ~ 24	-10 ~ 24	-10 ~ 24			
	Heating	°C WB	-10 ~ 18	-10 ~ 18	-10 ~ 18	-10 ~ 18			
Circuit Breaker		A	15	15	15	15			
Power Supply Cable		No. x mm²	3 x 1	3 x 1	3 x 1	3 x 1			
Power Supply to Unit			-	Outdoor	Outdoor	Outdoor			
Power and Communication Cable		No. x mm²	-	4 x 1	4 x 1	4 x 1			
Piping	Size	Liquid	mm	ø 6.35	ø 6.35	ø 6.35			
		Gas	mm	ø 9.52	ø 9.52	ø 9.52			
Connections Method	Indoor / Outdoor		-	Flared / Flared	Flared / Flared	Flared / Flared			
Drain Hose Size	O.D. I.D	mm	21.5, 16.0	21.5, 16.0	21.5, 16.0	21.5, 16.0			
Between Indoor & Outdoor	Piping Length	Min / Standard / Max	m	3 / 7.5 / 15	3 / 7.5 / 15	3 / 7.5 / 15			
		No Charge	m	7.5	7.5	7.5			
	Max. Elevation Difference		m	7	7	7			
Piping Connection Heat Insulation			-	Both liquid and gas pipes	Both liquid and gas pipes	Both liquid and gas pipes			
Refrigerant	Type		-	R32	R32	R32			
	Pre Charge		g	700	700	700			
	Additional Charge		g/m	20	20	20			
	Control		-	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve			
	Global Warning Potential		-	675	675	675			
t-CO <sub>2</sub> eq		-	0.473	0.473	0.473				
Defrost Method			-	Reverse Cycle	Reverse Cycle	Reverse Cycle			
Tool Code (Chassis)	Indoor / Outdoor		-	SJ / UA3	SJ / UA3	SJ / UA3			

**Note**

- : No Relation
- All power supply and communication cables and circuit breaker must comply with applicable local and national codes.
- Exterior color code is approximate value.
- It is difficult to measure air flow rate of sleep because of small values.
- Maximum heating capacity is for heating operation without any frost.
- Fan motor speed could vary ±20 rpm according to the operating conditions.

- It may cause reliability, performance, noise, and vibration problem, unless meeting the range of connecting pipe length. Keep the minimum piping length by making loops, although indoor unit and outdoor unit are close.
- This product contains fluorinated greenhouse gases.
- Some specifications may be changed without notifications due to our policy of innovation.
- Test conditions are based on EN 14511 and EN 14825.

### 3. Specifications

Buyer Model	Set (Indoor / Outdoor)	Unit	PC09SQ.SSJ (PC09SQ.NSJ / PC09SQ.UA3)	PC12SQ.SSJ (PC12SQ.NSJ / PC12SQ.UA3)	
Factory Model			S3-M09JA2FA (S3NM09JA2FA / S3UM09JA2FA)	S3-M12A2FA (S3NM12A2FA / S3UM12A2FA)	
Compressor	Type	-	Twin Rotary	Twin Rotary	
	Model	-	DST102MAA	DST102MAA	
	Motor Type	-	BLDC	BLDC	
	Oil Type / Maker	-	PVE (FW68D) / IDEMITSU	PVE (FW68D) / IDEMITSU	
	Oil Charge	cc	280	280	
	O.L.P. Name	-	-	-	
Manufacturer / Country of Origin		-	LG Electronics / China	LG Electronics / China	
Fan (Indoor)	Type	-	Cross Flow Fan	Cross Flow Fan	
	Motor Output	W	30	30	
Fan (Outdoor)	Type	-	Propeller Fan	Propeller Fan	
	Motor Type	-	BLDC	BLDC	
	Motor Output	W	43	43	
	Motor Insulation	-	Class E	Class E	
	Motor Enclosure / Ingress Protection	-	TEAO / IPX4	TEAO / IPX4	
Heat Exchanger	Evaporator	Material, Tube / Fin	-	Cu / Al	Cu / Al
		( $\phi$ x Row x Column x FPI x L) x Qty.	#1	( $\phi 7 \times 2 \times 15 \times 21 \times 616.8$ ) x 1	( $\phi 7 \times 2 \times 15 \times 21 \times 616.8$ ) x 1
		( $\phi$ x Row x Column x FPI x L) x Qty.	#2	-	-
		( $\phi$ x Row x Column x FPI x L) x Qty.	#3	-	-
		( $\phi$ x Row x Column x FPI x L) x Qty.	#4	-	-
		Corrosion Protection	-	PCM	PCM
	Condenser	Fin Type	-	Slit	Slit
		Material, Tube / Fin	-	Cu / Al	Cu / Al
		( $\phi$ x Row x Column x FPI x L) x Qty.	#1	( $\phi 7 \times 2 \times 22 \times 18 \times 667$ ) x 1	( $\phi 7 \times 2 \times 22 \times 18 \times 667$ ) x 1
		( $\phi$ x Row x Column x FPI x L) x Qty.	#2	-	-
		Corrosion Protection	-	Gold	Gold
		Fin Type	-	Corrugate	Corrugate
<b>Note</b>			<ul style="list-style-type: none"> <li>It may cause reliability, performance, noise, and vibration problem, unless meeting the range of connecting pipe length. Keep the minimum piping length by making loops, although indoor unit and outdoor unit are close.</li> <li>This product contains fluorinated greenhouse gases.</li> <li>Some specifications may be changed without notifications due to our policy of innovation.</li> <li>Test conditions are based on EN 14511 and EN 14825.</li> </ul>		
<ul style="list-style-type: none"> <li>- : No Relation</li> <li>All power supply and communication cables and circuit breaker must comply with applicable local and national codes.</li> <li>Exterior color code is approximate value.</li> <li>It is difficult to measure air flow rate of sleep because of small values.</li> <li>Maximum heating capacity is for heating operation without any frost.</li> <li>Fan motor speed could vary <math>\pm 20</math> rpm according to the operating conditions.</li> </ul>					

Number 2

20RACALG0031

Name and address of the Manufacturer 3

LG Electronics Inc.  
LG Twin Towers 128 Yeoui-daero, Yeongdeungpo-gu Seoul 150-721 Korea

This declaration of conformity is issued under the sole responsibility of the manufacturer. 4

Object of the declaration 5

Product information 6

Product Name  
Split Room Air Conditioner

Model Name  
S3UM09JA2FA, S3UM12JA2FA / PC09SQ UA3, PC12SQ UA3

Additional information 7

Indoor unit tested with outdoor unit.

The object of the declaration described above is in conformity with the relevant Union harmonisation legislation: 8

- References to the relevant harmonised standards used or references to the technical specifications in relation to which conformity is declared 9

EMC Directive 2014/30/EU

Ecodesign Directive 2009/125/EC  
Regulation 206/2012/EU

EN 55014-1:2017  
EN 55014-2:2015  
EN 61000-3-2:2014  
EN 61000-3-3: 2013

EN 12102:2017  
EN 14825:2018  
EN 14511:2018

Low Voltage Directive 2014/35/EU

RoHS Directive 2011/65/EU

EN 60335-2-40:2003+A11:2004+A12:2005  
+A1:2006+A2:2009+A13:2012

EN 60335-1:20 12+A11:2014  
EN 62233: 2008

EN 50581:2012

Pressure Equipment Directive 2014/68/EU

N/A

The notified body 10

N/A

performed

N/A

and issued the certificate N/A

Additional information 7

N/A

Signed for and on behalf of: 11 LG Electronics Inc.

Authorised Representative:  
LG Electronics European Shared Service Center B.V.  
Krijgsman 1, 1186 DM Amstelveen, The Netherlands

Name and Surname / Function:  
Yun Hee Yang / Director

Date of issue: 19th June 2019





**Number** <sup>2</sup>

20RACALG0032

**Name and address of the Manufacturer** <sup>3</sup>

LG Electronics Inc.  
 LG Twin Towers 128 Yeoui-daero, Yeongdeungpo-gu Seoul 150-721 Korea

This declaration of conformity is issued under the sole responsibility of the manufacturer. <sup>4</sup>

**Object of the declaration** <sup>5</sup>
**Product information** <sup>6</sup>

Product Name  
 Split Room Air Conditioner

Model Name  
 S3NM09JA2FA, S3NM12JA2FA / PC09SQ NSJ, PC12SQ NSJ

**Additional information** <sup>7</sup>

The Wi-Fi module LCW-003 installed. (Wireless function S/W version: V 1.0)

The object of the declaration described above is in conformity with the relevant Union harmonisation legislation:<sup>8</sup>

- References to the relevant harmonised standards used or references to the technical specifications in relation to which conformity is declared<sup>9</sup>

Radio Equipment Directive 2014/53/EU	Ecodesign Directive 2009/125/EC Regulation 206/2012/EU
EN 300 328 V2.2.2 EN 301 489-1 V2.2.3 EN 301 489-17 V3.2.4 EN 55014-1: 2017 EN 55014-2:2015 EN 60335-1:2012+A11:2014 EN 60335-2-40:2003+A11:2004+A12:2005+A1:2006+A2:2009+A13:2012 EN 61000-3-2:2014 EN 61000-3-3:2013 EN 62233:2008 EN IEC 62311:2020	EN 12102:2017 EN 14825:2018 EN 14511:2018
	RoHS Directive 2011/65/EU
	EN 50581:2012

**The notified body** <sup>10</sup>

Name:TUV Rheinland  
 Number: 0197

**performed**

a conformity assessment of the construction file

**and issued the certificate**

RT 60126115

**Signed for and on behalf of:**<sup>11</sup> LG Electronics Inc.

Authorised Representative:  
 LG Electronics European Shared Service Center B.V.  
 Krijgsman 1, 1186 DM Amstelveen, The Netherlands

Name and Surname / Function:  
 Yun Hee Yang / Director

Date of issue: 19th June 2019





# Model name

## PC09SQ UA3 (Outdoor unit) / PC09SQ NSJ (Indoor unit)

<b>Function (indicate if present)</b>	
<b>cooling</b>	Y
<b>heating</b>	Y

**If the function includes heating: Indicate the heating season the information relates to. Indicated values should relate to one heating season at a time. Include at least the heating season 'Average'.**

<b>Average (mandatory)</b>	Y
<b>Warmer (if designated)</b>	Y
<b>Colder (if designated)</b>	N

Item	symbol	value	unit
<b>Design load</b>			
cooling	Pdesignc	2,5	kW
heating / Average	Pdesignh	2,5	kW
heating / Warmer	Pdesignh	1,3	kW
heating / Colder	Pdesignh	x,x	kW

Item	symbol	value	unit
<b>Seasonal efficiency</b>			
cooling	SEER	7,0	-
heating / Average	SCOP/A	4,0	-
heating / Warmer	SCOP/W	4,9	-
heating / Colder	SCOP/C	x,x	-

Declared capacity\* for cooling, at indoor temperature 27(19)°C and outdoor temperature Tj

Tj=35°C	Pdc	2,50	kW
Tj=30°C	Pdc	1,85	kW
Tj=25°C	Pdc	1,19	kW
Tj=20°C	Pdc	1,05	kW

Declared Energy efficiency ratio\* for cooling, at indoor temperature 27(19)°C and outdoor temperature Tj

Tj=35°C	EERd	3,81	-
Tj=30°C	EERd	6,37	-
Tj=25°C	EERd	8,18	-
Tj=20°C	EERd	12,10	-

Declared capacity\* for heating / Average climate, at indoor temperature 20°C and outdoor temperature Td

Tj=-7°C	Pdh	2,25	kW
Tj=2°C	Pdh	1,35	kW
Tj=7°C	Pdh	0,88	kW
Tj=12°C	Pdh	1,00	kW
Tj=bivalent temperature	Pdh	2,50	kW
Tj=operating limit	Pdh	2,50	kW

Declared Coefficient of performance\* for heating / Average climate, at indoor temperature 20°C and outdoor temperature Tj

Tj=-7°C	COPd	2,78	-
Tj=2°C	COPd	3,87	-
Tj=7°C	COPd	5,06	-
Tj=12°C	COPd	6,37	-
Tj=bivalent temperature	COPd	2,74	-
Tj=operating limit	COPd	2,74	-

Declared capacity\* for heating / Warmer climate, at indoor temperature 20°C and outdoor temperature Tj

Tj=2°C	Pdh	1,30	kW
Tj=7°C	Pdh	0,88	kW
Tj=12°C	Pdh	1,00	kW
Tj=bivalent temperature	Pdh	1,30	kW
Tj=operating limit	Pdh	1,30	kW

Declared Coefficient of performance\* / Warmer climate, at indoor temperature 20°C and outdoor temperature Tj

Tj=2°C	COPd	3,80	-
Tj=7°C	COPd	5,00	-
Tj=12°C	COPd	6,30	-
Tj=bivalent temperature	COPd	3,80	-
Tj=operating limit	COPd	3,80	-

Declared capacity\* for heating / Colder climate, at indoor temperature 20°C and outdoor temperature Tj

Tj=-7°C	Pdh	x,x	kW
Tj=2°C	Pdh	x,x	kW
Tj=7°C	Pdh	x,x	kW
Tj=12°C	Pdh	x,x	kW
Tj=bivalent temperature	Pdh	x,x	kW
Tj=operating limit	Pdh	x,x	kW
Tj=-15°C	Pdh	x,x	kW

Declared Coefficient of performance\* / Colder climate, at indoor temperature 20°C and outdoor temperature Tj

Tj=-7°C	COPd	x,x	-
Tj=2°C	COPd	x,x	-
Tj=7°C	COPd	x,x	-
Tj=12°C	COPd	x,x	-
Tj=bivalent temperature	COPd	x,x	-
Tj=operating limit	COPd	x,x	-
Tj=-15°C	COPd	x,x	-

Bivalent temperature

heating / Average	Tbiv	-10	°C
heating / Warmer	Tbiv	2	°C
heating / Colder	Tbiv	x	°C

Operating limit temperature

heating / Average	Tol	-10	°C
heating / Warmer	Tol	2	°C
heating / Colder	Tol	x	°C

Cycling interval capacity

for cooling	Pcyc	x,x	kW
for heating	Pcyc	x,x	kW

Cycling interval efficiency

for cooling	EERcyc	x,x	-
for heating	COPcyc	x,x	-

Degradation co-efficient

cooling**	Cdc	0,25	-
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Degradation co-efficient

heating**	Cdh	0,25	-
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Electric power input in power modes other than 'active mode'

off mode	P <sub>OFF</sub>	0,003	kW
standby mode	P <sub>SB</sub>	0,003	kW
thermostat-off mode	P <sub>TO</sub>	0,012	kW
crankcase heater mode	P <sub>CK</sub>	0	kW

Annual electricity consumption

cooling	Q <sub>CE</sub>	125	kWh/a
heating / Average	Q <sub>HE</sub>	875	kWh/a
heating / Warmer	Q <sub>HE</sub>	371	kWh/a
heating / Colder	Q <sub>HE</sub>	xx	kWh/a

Capacity control (indicate one of three options)

fixed	N
staged	N
variable	Y

Other items

Sound power level (indoor/outdoor)	L <sub>WA</sub>	59 / 65	dB(A)
Global warming potential	GWP	675	kgCO <sub>2</sub> eq.
Rated air flow (indoor/outdoor)	-	750 / 1620	m <sup>3</sup> /h

Contact details for obtaining more information: **Christianna PAPAZHARIOU**, Internal communicator - Energy & environment regulations expert, LG Electronics, Paris Nord II - 117 avenue des Nations, BP 59372 Villepinte - 95942 Roissy CDG Cedex, chris.papazahariou@lge.com, Tel. +33 1 49 89 57 41, +33 6 83 077 455

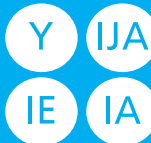
\*= For staged capacity units, two values divided by a slash (/) will be declared in each box in the section "Declared capacity of the unit" and "declared EER/COP" of the unit.  
 \*\*= If default Cd=0.25 is chosen then (results from) cycling tests are not required. Otherwise either the heating or cooling cycling test value is required.







**ENERG**  
енергия · ενέργεια



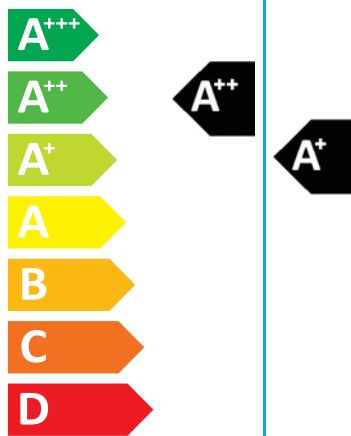
**LG** PC09SQ UA3 / PC09SQ NSJ

SEER



kW **2,5**  
SEER **7,0**  
kWh/annum **125**

SCOP



kW	<b>1,3</b>	<b>2,5</b>	X
SCOP	<b>4,9</b>	<b>4,0</b>	X
kWh/annum	<b>371</b>	<b>875</b>	X

**59dB**

**65dB**



ENERGIA - ЕНЕРГИЯ - ΕΝΕΡΓΕΙΑ - ENERGIJA - ENERGY - ENERGIE - ENERGI  
626/2011