



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:

Berendezés						
gyártója: LG Electronics Inc.,				típusjelzése: PC18SQ.NSK/ PC18SQ.UL2		
Hőszivattyú						
névleges villamos teljesítménye (kW): 1,6		fűtési teljesítménye (kW): 5.8		jósági tényezője (SCOP értéke): 4,3		
Hőszivattyú működési rendszere (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 teljes egyidejű villamos teljesítménye (kW):						
A hőszivattyú várható fogyasztása (kWh)						
fűtési időszakban (október 15. – április 15.): 1270			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 használom fel.

Kelt: _____

felhasználó

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

3. Specifications

Buyer Model	Set (Indoor / Outdoor)		Unit	PC18SQ.SSK (PC18SQ.NSK / PC18SQ.UL2)			PC24SQ.SSK (PC24SQ.NSK / PC24SQ.SSK)		
				S3-M18KL2FA (S3NM18KL2FA / S3UM18KL2FA)			S3-M24K22FA (S3NM24K22FA / S3UM24K22FA)		
Factory Model									
Capacity	Cooling	Min ~ Rated ~ Max	kW	0.90	5.00	5.50	0.90	6.60	7.42
			Btu/h	3,073	17,072	18,779	3,071	22,520	25,318
	Cooling (T3)	Min ~ Rated ~ Max	kW	-	-	-	-	-	-
			Btu/h	-	-	-	-	-	-
Heating	Min ~ Rated ~ Max	kW	0.90	5.80	6.40	0.90	7.50	8.64	
		Btu/h	3,073	19,804	21,852	3,071	25,591	29,481	
Power Input	Cooling	Min ~ Rated ~ Max	kW	4.20			6.00		
			W	210	1,562	1,940	210	2,164	2,500
	Cooling (T3)	Min ~ Rated ~ Max	W	-	-	-	-	-	-
			W	210	1,611	2,000	210	2,238	2,750
Running Current	Cooling	Min ~ Rated ~ Max	A	1.20	6.90	9.00	1.20	9.80	14.00
			A	-	-	-	-	-	-
	Heating	Min ~ Rated ~ Max	A	1.20	7.10	9.50	1.20	10.00	14.00
EER			W/W	3.20			3.05		
			(Btu/h)/W	10.93			10.41		
EER (T3)			W/W	-			-		
			(Btu/h)/W	-			-		
SEER			-	7.00			6.90		
			W/W	3.60			3.35		
COP			(Btu/h)/W	12.29			11.43		
			-	4.30			4.30		
P design C / P design H			-	5 / 3.9			6.6 / 5		
Energy Label Grade		Cooling / Heating	-	A++ / A+			A++ / A+		
Annual Energy Consumption		Cooling / Heating	kWh/year	250 / 1270			335 / 1628		
Power Supply			Ø, V, Hz	1, 220-240, 50			1, 220-240, 50		
Available Voltage Range			V	187 ~ 276			187 ~ 276		
Power Factor		Cooling / Heating	%	97 / 97			97 / 97		
Moisture Removal			l/h	1.80			2.50		
Indoor	Air Flow Rate	Cooling, Max / H / M / L	m³/min	15.5 / 14.5 / 13.0 / 10.5			18.3 / 16.1 / 13.1 / 10.5		
		Heating, Max / H / M / L	m³/min	18.5 / 16.0 / 13.5 / 11.0			19.8 / 17.6 / 14.3 / 11.0		
	Sound Pressure Level	Cooling, Max / H / M / L / SL	dB(A)	47 / 44 / 39 / 34 / 31			49 / 47 / 42 / 34 / 31		
		Heating, Max / H / M / L	dB(A)	48 / 44 / 39 / 34			50 / 47 / 42 / 34		
	Sound Power Level		dB(A)	60			65		
	Dimensions (W × H × D)	Net	mm	998 × 345 × 210			998 × 345 × 210		
		Shipping	mm	1053 × 424 × 278			1053 × 424 × 278		
	Weight	Net	kg	11.9			12.7		
		Shipping	kg	15.2			16.0		
	Exterior Color Code			-	Munsell 7.5BG 10/2 (RAL 9016)			Munsell 7.5BG 10/2 (RAL 9016)	
Outdoor	Air Flow Rate	Max	m³/min	35.0			49.0		
	Fan Motor Speed	Cooling, Min ~ Max	rpm	200 ~ 900			190 ~ 850		
		Heating, Min ~ Max	rpm	200 ~ 900			190 ~ 850		
	Sound Pressure Level	Cooling, Rated	dB(A)	53			54		
		Heating, Rated	dB(A)	55			57		
	Sound Power Level		dB(A)	65			70		
	Dimensions (W × H × D)	Net	mm	770 × 545 × 288			870 × 650 × 330		
		Shipping	mm	919 × 599 × 392			1026 × 683 × 446		
	Weight	Net	kg	34.4			46.0		
		Shipping	kg	37.2			50.0		
Max. Fuse Size			A	20			20		
Exterior Color Code			-	Munsell 9.54Y 8.34/1.31 (RAL 9001)			Munsell 9.54Y 8.34/1.31 (RAL 9001)		
Operation Range	Cooling	°C DB	-15 ~ 48			-15 ~ 48			
	Heating	°C DB	-10 ~ 24			-10 ~ 24			
	Heating	°C WB	-10 ~ 18			-10 ~ 18			
Circuit Breaker			A	20			25		
Power Supply Cable			No. × mm²	3 × 1.5			3 × 2.5		
Power Supply to Unit			-	Outdoor			Outdoor		
Power and Communication Cable			No. × mm²	4 × 1			4 × 1		
Piping	Size	Liquid	mm	ø 6.35			ø 6.35		
		Gas	mm	ø 12.7			ø 15.88		
Connections Method		Indoor / Outdoor	-	Flared / Flared			Flared / Flared		
Drain Hose Size			O.D, I.D	21.5, 16.0			21.5, 16.0		
Between Indoor & Outdoor	Piping Length	Min / Standard / Max	m	3 / 7.5 / 20			3 / 7.5 / 30		
		No Charge	m	7.5			7.5		
	Max. Elevation Difference		m	10			15		
Piping Connection Heat Insulation			-	Both liquid and gas pipes			Both liquid and gas pipes		
Refrigerant	Type		-	R32			R32		
	Pre Charge		g	1000			1100		
	Additional Charge		g/m	20			20		
	Control		-	Electronic Expansion Valve			Electronic Expansion Valve		
	Global Warning Potential		-	675			675		
t-CO ₂ eq			-	0.675			0.743		
Defrost Method			-	Reverse Cycle			Reverse Cycle		
Tool Code (Chassis)		Indoor / Outdoor	-	SK / UL2			SK / U24A		

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	PC18SQ.SSK (PC18SQ.NSK / PC18SQ.UL2) S3-M18KL2FA (S3NM18KL2FA / S3UM18KL2FA)	PC24SQ.SSK (PC24SQ.NSK / PC24SQ.SSK) S3-M24K22FA (S3NM24K22FA / S3UM24K22FA)	
Factory Model						
Compressor	Type		-	Twin Rotary	Twin Rotary	
	Model		-	DAT156MCA	DKT176MAJ	
	Motor Type		-	BLDC	BLDC	
	Oil Type / Maker		-	PVE (FW68D) / IDEMITSU	PVE (FW68D) / IDEMITSU	
	Oil Charge		cc	400	470	
	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	58	
Fan (Outdoor)	Type		-	Propeller Fan	Propeller Fan	
	Motor Type		-	BLDC	BLDC	
	Motor Output		W	43	85	
	Motor Insulation		-	Class E	Class E	
Motor Enclosure / Ingress Protection			-	TEAO / IPX4	TEAO / IPX4	
Heat Exchanger	Evaporator	Material, Tube / Fin	-	Cu / Al	Cu / Al	
		(ϕ x Row x Column x FPI x L) x Qty.	#1	($\phi 7 \times 2 \times 16 \times 20 \times 744$) x 1	($\phi 7 \times 2 \times 16 \times 20 \times 744$) x 1	
		(ϕ x Row x Column x FPI x L) x Qty.	#2	-	-	
		(ϕ x Row x Column x FPI x L) x Qty.	#3	-	-	
		(ϕ x Row x Column x FPI x L) x Qty.	#4	-	-	
	Corrosion Protection			-	PCM	PCM
	Fin Type			-	Slit	Slit
	Condenser	Material, Tube / Fin		-	Cu / Al	Cu / Al
		(ϕ x Row x Column x FPI x L) x Qty.		#1	($\phi 7 \times 2 \times 24 \times 18 \times 814$) x 1	($\phi 7 \times 2 \times 28 \times 18 \times 938$) x 1
		(ϕ x Row x Column x FPI x L) x Qty.		#2	-	-
Corrosion Protection			-	Gold	Gold	
Fin Type			-	Corrugate	Corrugate	

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.

Model name

PC18SQ UL2 (Outdoor unit) / PC18SQ NSK (Indoor unit)

Function (indicate if present)	
cooling	Y
heating	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'.

Average (mandatory)	Y
Warmer (if designated)	Y
Colder (if designated)	N

Item	symbol	value	unit
Design load			
cooling	Pdesignc	5,0	kW
heating / Average	Pdesignh	3,9	kW
heating / Warmer	Pdesignh	2,1	kW
heating / Colder	Pdesignh	x,x	kW

Item	symbol	value	unit
Seasonal efficiency			
cooling	SEER	7,0	-
heating / Average	SCOP/A	4,3	-
heating / Warmer	SCOP/W	5,3	-
heating / Colder	SCOP/C	x,x	-

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

Tj=35°C	Pdc	5,00	kW
Tj=30°C	Pdc	3,69	kW
Tj=25°C	Pdc	2,37	kW
Tj=20°C	Pdc	1,41	kW

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

Tj=35°C	EERd	3,20	-
Tj=30°C	EERd	5,20	-
Tj=25°C	EERd	8,40	-
Tj=20°C	EERd	13,90	-

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

Tj=-7°C	Pdh	3,45	kW
Tj=2°C	Pdh	2,10	kW
Tj=7°C	Pdh	1,35	kW
Tj=12°C	Pdh	1,42	kW
Tj=bivalent temperature	Pdh	3,90	kW
Tj=operating limit	Pdh	3,90	kW

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

Tj=-7°C	COPd	2,83	-
Tj=2°C	COPd	4,23	-
Tj=7°C	COPd	5,50	-
Tj=12°C	COPd	6,90	-
Tj=bivalent temperature	COPd	2,40	-
Tj=operating limit	COPd	2,40	-

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

Tj=2°C	Pdh	2,10	kW
Tj=7°C	Pdh	1,35	kW
Tj=12°C	Pdh	1,42	kW
Tj=bivalent temperature	Pdh	2,10	kW
Tj=operating limit	Pdh	2,10	kW

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

Tj=2°C	COPd	4,10	-
Tj=7°C	COPd	5,40	-
Tj=12°C	COPd	6,60	-
Tj=bivalent temperature	COPd	4,10	-
Tj=operating limit	COPd	4,10	-

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	Pcycc	x,x	kW
for heating	Pcyh	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 _{OFF}	0,003	kW
standby mode	P _{SB}	0,003	kW
thermostat-off mode	P _{TO}	0,020	kW
crankcase heater mode	P _{CK}	0	kW

Annual electricity consumption

cooling	Q _{CE}	250	kWh/a
heating / Average	Q _{HE}	1270	kWh/a
heating / Warmer	Q _{HE}	555	kWh/a
heating / Colder	Q _{HE}	xx	kWh/a

Capacity control (indicate one of three options)

fixed	N
staged	N
variable	Y

Other items

Sound power level (indoor/outdoor)	L _{WA}	60 / 65	dB(A)
Global warming potential	GWP	675	kgCO ₂ eq.
Rated air flow (indoor/outdoor)	-	1080 / 2100	m ³ /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.



Number 2

20RACALG0037

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
S3UM18KL2FA / PC18SQ UL2

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 60335-1:2012+A11:2014
 EN 62233: 2008*

EN 50581:2012

Pressure Equipment Directive 2014/68/EU

EN 378-2:2016

The notified body 10

SZUTEST TECHNICAL INSPECTION AND
 CERTIFICATION Number: 2195

performed

a full quality assurance certification

and issued the certificate 2195-PED-2032201

Additional information 7

Compressor: PED Category II - Module D1
 Heat Exchanger : SEP

Piping : SEP
 Pressure Switch: PED Category IV Module – B(Production Type) + D

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 ²

20RACALG0038

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
 S3NM18KL2FA / PC18SQ NSK

Additional information ⁷

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:⁸

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

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 ¹⁰

Name:TUV Rheinland
 Number: 0197

performed

a conformity assessment of the construction file

and issued the certificate

RT 60127037

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





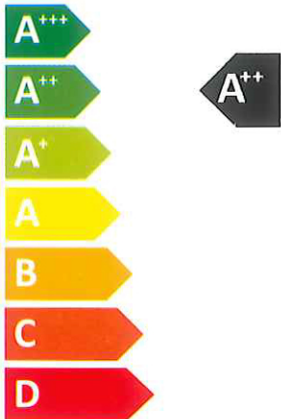
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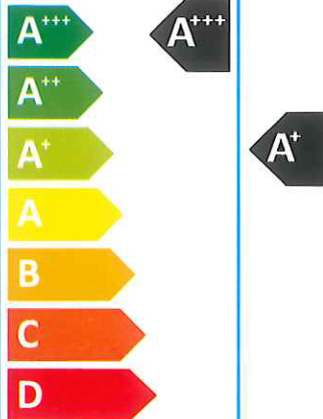
LG PC18SQ UL2 / PC18SQ NSK

SEER



kW 5,0
SEER 7,0
kWh/annum 250

SCOP



kW	2,1	3,9	X
SCOP	5,3	4,3	X
kWh/annum	555	1270	X



60dB



65dB



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626/2011