

Model name UU18W UE4 (outdoor unit) / CV18 NJ2 (indoor unit)

Function (indicate if present)	
cooling	Y
heating	Y

If 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)	N		
Colder (if designated)	N		

Item	symbol	value	unit
Design load			
cooling	Pdesignc	5.00	kW
heating / Average	Pdesignh	4.00	kW
heating / Warmer	Pdesignh	x,x	kW
heating / Colder	Pdesignh	x,x	kW

Item	symbol	value	unit
Seasonal efficiency			
cooling	SEER	6.10	-
heating / Average	SCOP/A	4.15	-
heating / Warmer	SCOP/W	x,x	-
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	3.70	kW
Tj=25°C	Pdc	2.35	kW
Tj=20°C	Pdc	2.07	kW

Declared Energy efficiency ratio* for cooling, at indoor temperature 27(19)°C and outdoor temperature Tj			
Tj=35°C	EERd	3.42	-
Tj=30°C	EERd	4.96	-
Tj=25°C	EERd	7.44	-
Tj=20°C	EERd	10.35	-

Declared capacity* for heating / Average climate, at indoor temperature 20°C and outdoor temperature Tj			
Tj=-7°C	Pdh	3.52	kW
Tj=2°C	Pdh	2.16	kW
Tj=7°C	Pdh	1.51	kW
Tj=12°C	Pdh	1.71	kW
Tj=bivalent temperature	Pdh	4.00	kW
Tj=operating limit	Pdh	3.95	kW

Declared Coefficient of performance* for heating / Average climate, at indoor temperature 20°C and outdoor temperature Tj			
Tj=-7°C	COPd	2.79	-
Tj=2°C	COPd	4.08	-
Tj=7°C	COPd	5.39	-
Tj=12°C	COPd	6.00	-
Tj=bivalent temperature	COPd	2.27	-
Tj=operating limit	COPd	1.94	-

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

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

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	x	°C
heating / Colder	Tbiv	x	°C

Operating limit temperature			
heating / Average	Toi	-15	°C
heating / Warmer	Toi	x	°C
heating / Colder	Toi	x	°C

Cycling interval capacity			
for cooling	Pcycc	x,x	kW
for heating	Pcyhc	x,x	kW

Cycling interval efficiency			
for cooling	EERcyc	x,x	-
for heating	COPcyc	x,x	-

Degradation cooling**	co-efficient Cdc	0.25	-
-----------------------	------------------	------	---

Degradation heating**	co-efficient Cdh	0.25	-
-----------------------	------------------	------	---

Electric power input in power modes other than 'active mode'			
off mode	P _{OFF}	4.2	W
standby mode	P _{SB}	4.2	W
thermostat-off mode	P _{TO}	36.0	W
crankcase heater mode	P _{CK}	0	W

Annual electricity consumption			
cooling	Q _{CE}	287	kWh/a
heating / Average	Q _{HE}	1349	kWh/a
heating / Warmer	Q _{HE}	x	kWh/a
heating / Colder	Q _{HE}	x	kWh/a

Capacity control (indicate one of three options)			
fixed	N		
staged	N		
variable	Y		

Other items			
Sound power level (indoor/outdoor)	L _{WA}	57 / 63	dB(A)
Global warming potential	GWP	2087.5	kgCO ₂ eq.
Rated air flow (indoor/outdoor)	-	744/300	m ³ /h

Contact details for obtaining more information

Name : Christianna Papazahariou
 Position : European Regulatory Manager
 E-mail address : chris.papazahariou@lge.com
 Tel. 01 49 89 57 41 – 06 83 077 455
 Postal address : Paris Nord II – 117 avenue des Nations BP 59372 Villepinte – 95942
 Roissy CDG Cedex
www.lg.com



*= 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.