

Model name
UU12W UL0 (outdoor unit) / CT12 NR2 (indoor unit)

Function (indicate if present)

cooling

heating

Y

Y

Item

symbol

value

unit

Design load

cooling

Pdesignc

3.40

kW

heating / Average

Pdesignh

3.0

kW

heating / Warmer

Pdesignh

-

kW

heating / Colder

Pdesignh

-

kW

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

Tj=35°C

Pdc

3.40

kW

Tj=30°C

Pdc

2.56

kW

Tj=25°C

Pdc

1.63

kW

Tj=20°C

Pdc

1.05

kW

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

Tj=-7°C

Pdh

2.65

kW

Tj=2°C

Pdh

1.66

kW

Tj=7°C

Pdh

1.06

kW

Tj=12°C

Pdh

0.97

kW

Tj=bivalent temperature

Pdh

3.00

kW

Tj=operating limit

Pdh

3.00

kW

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

Tj=2°C

Pdh

-

kW

Tj=7°C

Pdh

-

kW

Tj=12°C

Pdh

-

kW

Tj=bivalent temperature

Pdh

-

kW

Tj=operating limit

Pdh

-

kW

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)

Warmer (if designated)

Colder (if designated)

Y

N

N

Item

symbol

value

unit

Seasonal efficiency

cooling

SEER

6.46

-

heating / Average

SCOP/A

4.10

-

heating / Warmer

SCOP/W

-

-

heating / Colder

SCOP/C

-

-

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

Tj=35°C

EERd

3.51

-

Tj=30°C

EERd

5.33

-

Tj=25°C

EERd

7.73

-

Tj=20°C

EERd

11.4

-

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

Tj=-7°C

COPd

2.72

-

Tj=2°C

COPd

4.10

-

Tj=7°C

COPd

5.05

-

Tj=12°C

COPd

6.46

-

Tj=bivalent temperature

COPd

2.43

-

Tj=operating limit

COPd

2.43

-

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

Tj=2°C

COPd

-

-

Tj=7°C

COPd

-

-

Tj=12°C

COPd

-

-

Tj=bivalent temperature

COPd

-

-

Tj=operating limit

COPd

-

-

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

Tj=-7°C

Pdh

-

kW

Tj=2°C

Pdh

-

kW

Tj=7°C

Pdh

-

kW

Tj=12°C

Pdh

-

kW

Tj=bivalent temperature

Pdh

-

kW

Tj=operating limit

Pdh

-

kW

Tj=-15°C

Pdh

-

kW

Bivalent temperature

heating / Average

Tbiv

-10

°C

heating / Warmer

Tbiv

-

°C

heating / Colder

Tbiv

-

°C

Cycling interval capacity

for cooling

Pcycc

-

kW

for heating

Pcyh

-

kW

Degradation co-efficient cooling**

Cdc

0.25

-

Electric power input in power modes other than 'active mode'

off mode

P_{OFF}

5

W

standby mode

P_{SB}

5

W

thermostat-off mode

P_{TO}

6.8

W

crankcase heater mode

P_{CK}

33

W

Capacity control (indicate one of three options)

fixed

N

-

staged

N

-

variable

Y

-

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

Tj=-7°C

COPd

-

-

Tj=2°C

COPd

-

-

Tj=7°C

COPd

-

-

Tj=12°C

COPd

-

-

Tj=bivalent temperature

COPd

-

-

Tj=operating limit

COPd

-

-

Tj=-15°C

COPd

-

-

Operating limit temperature

heating / Average

Tol

-10

°C

heating / Warmer

Tol

-

°C

heating / Colder

Tol

-

°C

Cycling interval efficiency

for cooling

EERcyc

-

-

for heating

COPcyc

-

-

Degradation co-efficient heating**

Cdh

0.25

-

Annual electricity consumption

cooling

Q_{CE}

184

kWh/a

heating / Average

Q_{HE}

1024

kWh/a

heating / Warmer

Q_{HE}

-

kWh/a

heating / Colder

Q_{HE}

-

kWh/a

Other items

Sound power level (in, L_{WA})

52 / 65

dB(A)

Global warming potential

2087.5

kgCO₂ eq.

Rated air flow (indoor/outdoor)

540/1680

m³/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.

