

# Model name

# UU37WH U33 (outdoor unit) / UV36H NL4 (indoor unit)

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

|   |   |  |  |
|---|---|--|--|
| <b>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'.</b> |   |  |  |
| Average (mandatory)   | Y |  |  |
| Warmer (if designated)  | N |  |  |
| Colder (if designated)  | N |  |  |

| Item               | symbol               | value | unit |
|--------------------|----------------------|-------|------|
| <b>Design load</b> |                      |       |      |
| cooling            | P <sub>designc</sub> | 9.50  | kW   |
| heating / Average  | P <sub>designh</sub> | 11.0  | kW   |
| heating / Warmer   | P <sub>designh</sub> | x,x   | kW   |
| heating / Colder   | P <sub>designh</sub> | x,x   | kW   |

| Item                       | symbol | value | unit |
|----------------------------|--------|-------|------|
| <b>Seasonal efficiency</b> |        |       |      |
| cooling                    | SEER   | 6.4   | -    |
| heating / Average          | SCOP/A | 4.4   | -    |
| 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   | P <sub>dc</sub> | 9.50 | kW |
| Tj=30°C   | P <sub>dc</sub> | 7.03 | kW |
| Tj=25°C   | P <sub>dc</sub> | 4.75 | kW |
| Tj=20°C   | P <sub>dc</sub> | 4.90 | kW |

|  |                  |       |   |
|--|------------------|-------|---|
| Declared Energy efficiency ratio* for cooling, at indoor temperature 27(19)°C and outdoor temperature Tj |                  |       |   |
| Tj=35°C  | EER <sub>d</sub> | 4.02  | - |
| Tj=30°C  | EER <sub>d</sub> | 5.80  | - |
| Tj=25°C  | EER <sub>d</sub> | 8.30  | - |
| Tj=20°C  | EER <sub>d</sub> | 10.40 | - |

|   |                 |       |    |
|---|-----------------|-------|----|
| Declared capacity* for heating / Average climate, at indoor temperature 20°C and outdoor temperature Tj |                 |       |    |
| Tj=-7°C   | P <sub>dh</sub> | 9.68  | kW |
| Tj=2°C  | P <sub>dh</sub> | 5.94  | kW |
| Tj=7°C  | P <sub>dh</sub> | 3.85  | kW |
| Tj=12°C   | P <sub>dh</sub> | 4.28  | kW |
| Tj=bivalent temperature   | P <sub>dh</sub> | 10.47 | kW |
| Tj=operating limit  | P <sub>dh</sub> | 11.0  | kW |

|   |                  |      |   |
|---|------------------|------|---|
| Declared Coefficient of performance* for heating / Average climate, at indoor temperature 20°C and outdoor temperature Tj |                  |      |   |
| Tj=-7°C   | COP <sub>d</sub> | 2.82 | - |
| Tj=2°C  | COP <sub>d</sub> | 4.42 | - |
| Tj=7°C  | COP <sub>d</sub> | 5.35 | - |
| Tj=12°C   | COP <sub>d</sub> | 6.48 | - |
| Tj=bivalent temperature   | COP <sub>d</sub> | 2.10 | - |
| Tj=operating limit  | COP <sub>d</sub> | 2.50 | - |

|  |                 |     |    |
|--|-----------------|-----|----|
| Declared capacity* for heating / Warmer climate, at indoor temperature 20°C and outdoor temperature Tj |                 |     |    |
| Tj=2°C   | P <sub>dh</sub> | x,x | kW |
| Tj=7°C   | P <sub>dh</sub> | x,x | kW |
| Tj=12°C  | P <sub>dh</sub> | x,x | kW |
| Tj=bivalent temperature  | P <sub>dh</sub> | x,x | kW |
| Tj=operating limit   | P <sub>dh</sub> | x,x | kW |

|  |                  |     |   |
|--|------------------|-----|---|
| Declared Coefficient of performance* / Warmer climate, at indoor temperature 20°C and outdoor temperature Tj |                  |     |   |
| Tj=2°C   | COP <sub>d</sub> | x,x | - |
| Tj=7°C   | COP <sub>d</sub> | x,x | - |
| Tj=12°C  | COP <sub>d</sub> | x,x | - |
| Tj=bivalent temperature  | COP <sub>d</sub> | x,x | - |
| Tj=operating limit   | COP <sub>d</sub> | x,x | - |

|  |                 |     |    |
|--|-----------------|-----|----|
| Declared capacity* for heating / Colder climate, at indoor temperature 20°C and outdoor temperature Tj |                 |     |    |
| Tj=-7°C  | P <sub>dh</sub> | x,x | kW |
| Tj=2°C   | P <sub>dh</sub> | x,x | kW |
| Tj=7°C   | P <sub>dh</sub> | x,x | kW |
| Tj=12°C  | P <sub>dh</sub> | x,x | kW |
| Tj=bivalent temperature  | P <sub>dh</sub> | x,x | kW |
| Tj=operating limit   | P <sub>dh</sub> | x,x | kW |
| Tj=-15°C   | P <sub>dh</sub> | x,x | kW |

|  |                  |     |   |
|--|------------------|-----|---|
| Declared Coefficient of performance* / Colder climate, at indoor temperature 20°C and outdoor temperature Tj |                  |     |   |
| Tj=-7°C  | COP <sub>d</sub> | x,x | - |
| Tj=2°C   | COP <sub>d</sub> | x,x | - |
| Tj=7°C   | COP <sub>d</sub> | x,x | - |
| Tj=12°C  | COP <sub>d</sub> | x,x | - |
| Tj=bivalent temperature  | COP <sub>d</sub> | x,x | - |
| Tj=operating limit   | COP <sub>d</sub> | x,x | - |
| Tj=-15°C   | COP <sub>d</sub> | x,x | - |

|                      |                  |     |    |
|----------------------|------------------|-----|----|
| Bivalent temperature |                  |     |    |
| heating / Average    | T <sub>biv</sub> | -10 | °C |
| heating / Warmer     | T <sub>biv</sub> | x   | °C |
| heating / Colder     | T <sub>biv</sub> | x   | °C |

|                             |                 |     |    |
|-----------------------------|-----------------|-----|----|
| Operating limit temperature |                 |     |    |
| heating / Average           | T <sub>ol</sub> | -15 | °C |
| heating / Warmer            | T <sub>ol</sub> | x   | °C |
| heating / Colder            | T <sub>ol</sub> | x   | °C |

|                           |                   |     |    |
|---------------------------|-------------------|-----|----|
| Cycling interval capacity |                   |     |    |
| for cooling               | P <sub>cycc</sub> | x,x | kW |
| for heating               | P <sub>cyhc</sub> | x,x | kW |

|                             |                     |     |   |
|-----------------------------|---------------------|-----|---|
| Cycling interval efficiency |                     |     |   |
| for cooling                 | EER <sub>cycc</sub> | x,x | - |
| for heating                 | COP <sub>cyhc</sub> | x,x | - |

|                          |                 |      |   |
|--------------------------|-----------------|------|---|
| Degradation co-efficient |                 |      |   |
| cooling**                | C <sub>dc</sub> | 0.25 | - |

|                          |                 |      |   |
|--------------------------|-----------------|------|---|
| Degradation co-efficient |                 |      |   |
| heating**                | C <sub>dh</sub> | 0.25 | - |

|  |                  |      |   |
|--|------------------|------|---|
| Electric power input in power modes other than 'active mode' |                  |      |   |
| off mode   | P <sub>OFF</sub> | 19.0 | W |
| standby mode   | P <sub>SB</sub>  | 19.0 | W |
| thermostat-off mode  | P <sub>TO</sub>  | 55.0 | W |
| crankcase heater mode  | P <sub>CK</sub>  | 0    | W |

|                                |                 |      |       |
|--------------------------------|-----------------|------|-------|
| Annual electricity consumption |                 |      |       |
| cooling                        | Q <sub>CE</sub> | 517  | kWh/a |
| heating / Average              | Q <sub>HE</sub> | 3532 | kWh/a |
| heating / Warmer               | Q <sub>HE</sub> | x    | kWh/a |
| heating / Colder               | Q <sub>HE</sub> | x    | 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> | 65 / 66   | dB(A)                 |
| Global warming potential           | GWP             | 2087.5    | kgCO <sub>2</sub> eq. |
| Rated air flow (indoor/outdoor)    | -               | 1716/6600 | m <sup>3</sup> /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](http://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.

