

## COMMERCIAL SINGLE SPLIT INDOOR UNITS

# CEILING MOUNTED UNITS 3Ø

wired controller supplied as standard



- independent vane operation feature
- high ceiling mode
- optional accessory - human detect sensor



LG participates in the Eurovent Certified Performance programme for EUROVENT AC program. Check ongoing validity of certification: [www.eurovent-certification.com](http://www.eurovent-certification.com)

UU37W  
UU43W  
UU49W  
UU61W



## 4-Way Cassette

|                                        |                   |           |                     | UT36R.NM0               | UT42R.NM0        | UT48R.NM0        | UT60R.NM0        |
|----------------------------------------|-------------------|-----------|---------------------|-------------------------|------------------|------------------|------------------|
| Capacity                               | Cooling / Heating | Nom       | kW                  | 9.5 / 10.8              | 12.0 / 13.5      | 13.4 / 15.5      | 14.6 / 16.9      |
| Power Input                            |                   | Nom       | kW                  | 2.47                    | 3.5              | 4.35             | 5.38             |
| Running Current                        |                   | Nom       | A                   | 10.7                    | 15.2             | 18.9             | 23.4             |
| Power Supply                           |                   |           | Ø / V / Hz          | 1 / 220-240 / 50        | 1 / 220-240 / 50 | 1 / 220-240 / 50 | 1 / 220-240 / 50 |
| SEER / SCOP                            |                   |           |                     | 5.62 / 4.04             | 6.10 / 4.10      | 5.87 / 4.04      | 5.57 / 3.92      |
| Seasonal Energy Label (A++ to E Scale) |                   |           |                     | A++ / A+                | A++ / A+         | -                | -                |
| Annual Energy Consumption              |                   |           |                     | 512 / 2,605             | 680 / 2,732      | 809 / 3,255      | 929 / 3,338      |
| Air Flow Rate                          |                   | H / M / L | m <sup>3</sup> /min | 30 / 25 / 20            | 33 / 28 / 22     | 33 / 28 / 22     | 33 / 28 / 22     |
| Sound Pressure                         |                   | H / M / L | dB(A)               | 46 / 43 / 40            | 47 / 44 / 41     | 47 / 44 / 41     | 47 / 44 / 41     |
| Sound Power                            |                   |           | dB(A)               | 62                      | 64               | 64               | 66               |
| Dehumidification Rate                  |                   |           | l/h                 | 2.7                     | 4.2              | 4.2              | 4.2              |
| Dimension                              |                   | W x H x D | mm                  | 840 x 288 x 840         | 840 x 288 x 840  | 840 x 288 x 840  | 840 x 288 x 840  |
| Net weight                             |                   |           | kg                  | 24.6                    | 24.6             | 24.6             | 24.6             |
| Piping Connection                      | Liquid            |           | mm (inch)           | Ø9.52 (3/8)             | Ø9.52 (3/8)      | Ø9.52 (3/8)      | Ø9.52 (3/8)      |
|                                        | Gas               |           | mm (inch)           | Ø15.88 (5/8)            | Ø15.88 (5/8)     | Ø15.88 (5/8)     | Ø15.88 (5/8)     |
| Indoor unit price                      |                   |           |                     | £620.00                 | £678.00          | £884.00          | £1,029.00        |
| Decoration Panel                       | Model             |           |                     | PT-MCHWO                |                  |                  |                  |
|                                        | Color             |           |                     | Morning Fog (RAL 120-4) |                  |                  |                  |
|                                        | Dimensions        | W x H x D | mm                  | 950 x 35 x 950          |                  |                  |                  |
|                                        | Weight            |           | kg                  | 6.3                     |                  |                  |                  |
| List Price                             |                   |           |                     | £130.00                 |                  |                  |                  |

| Model                                 |                                |            |                           | UU37WR.U30                 | UU43WR.U30         | UU49WR.U30         | UU61WR.U30         |
|---------------------------------------|--------------------------------|------------|---------------------------|----------------------------|--------------------|--------------------|--------------------|
| Power Supply                          |                                |            | V, Ø, Hz                  | 380-415, 3, 50             | 380-415, 3, 50     | 380-415, 3, 50     | 380-415, 3, 50     |
| Power Factor                          |                                | Rated      | -                         | 0.98                       | 0.98               | 0.98               | 0.98               |
| Power Supply Cable (included Earth)   |                                |            | No. x mm <sup>2</sup>     | 5C x 2.5                   | 5C x 2.5           | 5C x 2.5           | 5C x 2.5           |
| Casing Color                          |                                |            | -                         | Warm Gray                  | Warm Gray          | Warm Gray          | Warm Gray          |
| Dimensions                            | Net                            | W x H x D  | mm                        | 950 x 1,380 x 330          | 950 x 1,380 x 330  | 950 x 1,380 x 330  | 950 x 1,380 x 330  |
| Weight                                | Net                            |            | kg                        | 87.5                       | 87.5               | 87.5               | 87.5               |
| Compressor                            | Type                           |            | -                         | LG Inverter Scroll         | LG Inverter Scroll | LG Inverter Scroll | LG Inverter Scroll |
| Refrigerant                           | Type                           |            | -                         | R32                        | R32                | R32                | R32                |
|                                       | GWP (Global Warming Potential) |            | g                         | 675                        | 675                | 675                | 675                |
|                                       | Precharged Amount              |            | -                         | 3,000                      | 3,000              | 3,000              | 3,000              |
|                                       | t-CO <sub>2</sub> eq           |            | -                         | 2,025                      | 2,025              | 2,025              | 2,025              |
|                                       | Control                        |            | m                         | Electronic Expansion Valve |                    |                    |                    |
|                                       | Chargeless-Pipe Length         |            | g/m                       | 7.5                        | 7.5                | 7.5                | 7.5                |
|                                       | Additional Charging Volume     |            | -                         | 40                         | 40                 | 40                 | 40                 |
| Heat Exchanger                        | (Row x Column x FPI) x No.     |            | -                         | (2 x 32 x 14) x 2          | (2 x 32 x 14) x 2  | (2 x 32 x 14) x 2  | (2 x 32 x 14) x 2  |
| Fan                                   | Type                           |            | -                         | Propeller                  | Propeller          | Propeller          | Propeller          |
|                                       | Air Flow Rate                  | Rated      | m <sup>3</sup> /min x No. | 55 x 2                     | 55 x 2             | 55 x 2             | 55 x 2             |
| Fan Motor                             | Type                           |            | -                         | BLDC                       | BLDC               | BLDC               | BLDC               |
|                                       | Output                         |            | W x No.                   | 124 x 2                    | 124 x 2            | 124 x 2            | 124 x 2            |
| Sound Pressure Level                  | Cooling                        | Rated      | dB(A)                     | 52                         | 52                 | 52                 | 52                 |
|                                       | Heating                        | Rated      | dB(A)                     | 54                         | 54                 | 54                 | 54                 |
| Sound Power Level                     | Cooling                        | Rated      | dB(A)                     | 66                         | 67                 | 68                 | 68                 |
|                                       | Heating                        | Rated      | dB(A)                     | 70                         | 71                 | 72                 | 72                 |
| Piping Connections                    | Liquid                         | Outer Dia. | mm (inch)                 | Ø 9.52(3/8)                | Ø 9.52(3/8)        | Ø 9.52(3/8)        | Ø 9.52(3/8)        |
|                                       | Gas                            | Outer Dia. | mm (inch)                 | Ø 15.88 (5/8)              | Ø 15.88 (5/8)      | Ø 15.88 (5/8)      | Ø 15.88 (5/8)      |
| Piping Length                         |                                | Min-Max    | m                         | 5-85                       | 5-85               | 5-85               | 5-85               |
| Maximum Height Difference (ODU ~ IDU) |                                | Max.       | m                         | 30                         | 30                 | 30                 | 30                 |
| Maximum Running Current               |                                |            | A                         | 16.6                       | 16.6               | 16.6               | 16.6               |
| Maximum Circuit Breaker               |                                |            | A                         | 20.0                       | 20.0               | 20.0               | 20.0               |
| Outdoor unit price                    |                                |            |                           | £1,529.00                  | £1,626.00          | £1,885.00          | £2,195.00          |
| System Price (includes grille)        |                                |            |                           | £2,279.00                  | £2,434.00          | £2,899.00          | £3,354.00          |

Note : 1. Due to our policy of innovation some specifications may be changed without notification.

2. Definition of Power Input Nominal conditions - Performance tested under EN14511

3. Capacities are based on the following conditions:

Cooling : - Indoor Temperature 27°C DB / 19°C WB - Outdoor Temperature 35°C DB / 24°C WB Heating : - Indoor Temperature 20°C DB / 15°C WB - Outdoor Temperature 7°C DB / 6°C WB

4. Annual energy consumption : based on average use of 350 running hours in cooling and 1,400 hours in heating per year at seasonal condition

5. This product contains fluorinated greenhouse gases (R32)