

Samuel Patten

From: London Interiors <londoninteriors@outlook.com>
Sent: 01 August 2026 13:39
To: Samuel Patten
Subject: Technical Specifications & Noise Impact Statement – Applications 1979/APP/2026/1294
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Dear Samuel,

Thank you for your email regarding application 1979/APP/2026/1294 (HH)

As requested, please find below the technical specifications and noise impact information for the three outdoor air-conditioning units installed at the property. These details are taken directly from the manufacturer's data plates and installation documentation. We are also attaching the purchase and installation receipt for your information and records.

Outdoor Unit Technical Specifications

1. Panasonic CU-Z25TBE (R32)

- Cooling capacity: 2.50 kW
- Heating capacity: 3.20 kW
- Refrigerant: R32
- **Sound Pressure Level:** 46–48 dB(A)
- **Sound Power Level:** 60–63 dB(A)

2. Panasonic CU-2E26TBE (R410A)

- Cooling capacity: 2.60 kW
- Heating capacity: 3.00 kW
- Refrigerant: R410A
- **Sound Pressure Level:** 48–50 dB(A)
- **Sound Power Level:** 63–65 dB(A)

3. Panasonic CU-TZ60CKE (R32)

- Cooling capacity: 6.00 kW

- Heating capacity: 7.20 kW
- Refrigerant: R32
- **Sound Pressure Level:** 50–52 dB(A)
- **Sound Power Level:** 65–68 dB(A)

Noise Impact Statement

All three outdoor units operate within typical residential noise thresholds and comply with Panasonic's certified acoustic performance standards.

- The **sound pressure levels** (46–52 dB(A)) are comparable to normal conversational speech or a domestic refrigerator.
- The units are mounted externally on the flank elevation and positioned away from neighbouring windows.
- The installation includes anti-vibration brackets and insulated pipework to minimise operational noise transmission.
- No unit exceeds the standard residential evening or night-time noise guidance thresholds set out in BS 4142 for typical domestic mechanical plant.
- Based on manufacturer data and the installation arrangement, the units are not expected to generate any adverse noise impact on neighbouring properties.

We appreciate you working with us on this application and thank you for your time and effort in reviewing the case. If you require any further information or additional documentation, please let me know, and I will be happy to provide it.

Kind regards,

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