REGULATION 3 OF THE TOWN AND COUNTRY PLANNING GENERAL REGULATIONS 1992

PLANNING APPLICATION

PROPOSED INSTALLATION OF AIR CONDITIONING AND ASSOCIATED CONDENSER UNITS ON EXTERIOR WALL

WESTON FAVELL LIBRARY, 56 WESTON FAVELL CENTRE, NORTHAMPTON, NN3 8JZ

NORTHAMPTONSHIRE COUNTY COUNCIL
1 INTRODUCTION

1.1 The Planning Application

1.1.1 This planning application is submitted to Northamptonshire County Council seeking planning permission for the installation of an air conditioning system including condensers on the external walls at Weston Favell Library, 56 Weston Favell Centre, Northampton, NN3 8JZ.

1.1.2 The planning application is submitted under Regulation 3 of the Town and Country Planning General Regulations 1992.

1.1.3 The planning application includes the submission of:

- Site Location Plan - N0237A-SITE (2) SITE PLAN
- Site Plan - Weston Favell Library AC_P3
- Side Elevation Weston Favell Library - CORRIDOR ELEVATION
- Internal Air Conditioning Specification - PLA-ZRP71BA_POWER_SINGLE_PI_SHEET
- Wall Mounted Condensers Specification - PUHZ-ZRP-Power-Inveter v

1.1.4 For County Council Regulation 3 applications a local list of information required to support the application is provided. The information considered necessary for this planning application includes the following:

- Planning Statement
- Design Statement

1.1.5 Applications for all Regulation 3 development are required to address the implementation of sustainable development design and identify practical measures for implementation.

1.1.6 This document included reference to both Planning Policy and CABE’s Design and Access guidelines.

1.2 Description of Proposal

1.2.1 Planning permission is sought for the installation of four mounted Condensers on an external wall of Weston Favell Library.

1.2.2 The condensers are associated with the installation of air conditioning in the building, which is taking place alongside an upgrade to the heating system. The specifications of the internal and external elements of the air conditioning system have been submitted alongside this document.

1.2.3 The outdoor units will be placed on an external walkway adjacent to the library foyer. They will be fixed to the external wall on brackets – document PUHZ-ZRP-Power-Inveter v submitted alongside this report provides further information.

1.3 Location of Proposal

1.3.1 The external condensers are proposed to be mounted on the north easterly wall of the Weston Favel centre, the Billing Brook Road site of the building.

1.3.2 This wall already has similar condensers mounted on it.
1.3.3 The site plan, Weston Favell Library AC_P3, shows the location of the four external units.

1.3.4 Drawing Weston Favell Library - CORRIDOR ELEVATION shows a side elevation of the condensers mounted on the wall.

1.3.5 The library itself is within the Weston Favell Shopping Centre in the east of Northampton – its location within the building is shown on Drawing N0237A-SITE (2) SITE PLAN.

1.4 Appearance and Materials

1.4.1 The condensers are rectangular, white, plastic boxes mounted by bracket on an external wall.

1.5 Construction

1.5.1 When the condensers are installed, accessed will be gained to the external wall by an existing walkway.
2 PLANNING POLICY CONTEXT

2.1 Introduction

2.1.1 Section 38(6) of the Planning and Compulsory Purchase Act 2004 states that determination of a planning application must be made in accordance with the Development Plan unless material considerations indicate otherwise.

2.1.2 In reaching a decision on this planning application, the first consideration is therefore whether the proposal is in accordance with the Development Plan. Having done this it is then necessary to have regard to all other material planning considerations, which include all relevant policy considerations contained in the emerging Development Plan as well as National Planning Policy Guidance.

2.2 The Development Plan

2.2.1 This section provides an indication of the main Development Plan policies that will be considered and assessed in the preparation of the planning application. In this instance the Development Plan consists of:
   - The West Northamptonshire Joint Core Strategy Local Plan (Part 1) (December 2014)
   - Northampton Local Plan 1997

2.3 Other Relevant Documents

2.3.1 A number of other relevant documents are to be read alongside the development plan and would be considered material considerations in the planning balance. They are:
   - Northampton Local Plan (Part 2)
   - National Planning Policy Framework
   - National Planning Policy Guidance

2.4 Policy Compliance

2.4.1 Having had regard to the Development Plan and other key policy documents, it has been concluded that the proposed installation of four exterior wall mounted condensers associated with air conditioning at Weston Favell Library is compliant with planning policy.
3 DESIGN AND ACCESS

3.1.1 This design and access statement has been prepared in accordance with the industry guidance, Design and Access Statements How to Read, Write and Use them (CABE, 2007). The statement considers the following issues set out in the CABE (2007) guidance in relation to the proposed development:

- Use of the Site
- Amount of Development
- Layout
- Scale
- Landscape
- Appearance
- Access

3.1.2 The Design and Access Statement will consider each of the issues set out in the CABE (2007) guidance in turn.

3.2 Use of Site

3.2.1 The air conditioning units are proposed in association with site wide improvements to Weston Favell Library – a public library. The site of the proposed development, Weston Favell Library, will remain unchanged.

3.2.2 The site wide improvements which include the installation air conditioning associated with this proposal will improve the energy efficiency of the building, and increase its suitability for its intended use.

3.3 Amount

3.3.1 There are proposed to be 4no condenser units mounted on an exterior wall of Weston Favell Library.

3.4 Layout

3.4.2 The four condenser units will be located on the NE facing wall, located in a line along the existing walkway.

3.5 Scale

3.5.1 The proposed condensers will be in-keeping with the scale of the building.

3.5.2 The condensers measure:

- Width: 1050mm
- Depth: 330mm + 40mm
- Height: 1338mm

3.5.3 There is a number of existing similar condenser units mounted on the same wall.
3.6 Landscape

3.6.1 This proposal will not require any landscaping as its degree of visual impact on the surrounding environment will be minimal.

3.7 Appearance

3.7.1 The condenser units are rectangular, white boxes. The pictures below show the proposed location of the condensers and the proposed condensers.

3.7.2 The visual impact of the installation will be minimal, and in keeping with the existing appearance of the external wall.

3.7.3 The wall is not seen by passers-by.

3.8 Access

3.8.1 There will be no changes to access of Weston Favell following the proposed installation of the four wall mounted condenser units.
4 SUMMARY AND CONCLUSION

4.1.1 In summary, this planning application is submitted to Northamptonshire County Council for the installation of 4no condenser units to be mounted on the exterior wall of Weston Favell Library, on behalf of Northamptonshire County Council under Regulation 3 of the Town and Country Planning General Regulations 1992.

4.1.2 The proposed development is considered in line with policies contained within the Development Plan, and therefore there should be no reason why planning permission cannot be granted for this development.
Air Conditioning

Our wide range of Power Inverters offer customers high seasonal efficiency, advanced control options and quiet operation, whilst providing greater flexibility and ease of installation.

Key Features
- Airflow controllable for ceiling heights up to 3.5m, with automatic adjustment of fan speed
- Reduced draft air distribution, with independent vane control
- Filter lowering operation down to 4m (optional PLP-6BAJ grille required)
- Optional ‘i-see sensor’ for energy saving and smooth temperature control throughout the room
**PLA-ZRP71BA** (Single Phase)  
**Power Inverter Heat Pump**  
**4-Way Blow Ceiling Cassette System**

### Air Conditioning

#### PLA-ZRP - INDOOR UNITS

<table>
<thead>
<tr>
<th>CAPACITY (kW)</th>
<th>PLA-ZRP71BA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heating (nominal)</td>
<td>8.0 (3.5-10.2)</td>
</tr>
<tr>
<td>Cooling (nominal)</td>
<td>7.1 (3.3-8.1)</td>
</tr>
<tr>
<td>Heating (UK)</td>
<td>6.8 (3.0-8.66)</td>
</tr>
<tr>
<td>Cooling (UK)</td>
<td>6.55 (3.05-7.46)</td>
</tr>
</tbody>
</table>

#### SHP (nominal & UK):

- 8.85

#### CDP / SEER (nominal):

- 4.02 / 4.01

#### SCOP / SEER BS EN14825:

- 4.5 / 6.7

#### ETHER (Max.)

- Heating: Cooling: 3.3 / 4.4

#### AIRFLOW (m³)

- Liquid: 15.88 (6/9) / 9.52 (3/9)

#### MAX PIPE LENGTH (m)

- 50

#### STARTING CURRENT (A)

- 25

#### MAX HEIGHT DIFFERENCE (m)

- 30

#### CURSOR (kg) - 30m

- 3.5

### DIMENSIONS

#### Upper View

- Ceiling hole: 950 x 330 + 30 x 943

#### Side View

- Control wire entry: 850 (250) x 840 (320 x 320)

#### Front View

- Grille: 950 x 840 x 298 (350 x 350)

### PUHZ-ZRP - OUTDOOR UNITS

| SOUND PRESSURE LEVEL (dBA) Heating/Cooling | 48 / 47 |
| SOUND POWER LEVEL (dBA) Cooling | 67 |
| WEIGHT (kg) | 25 / 18 |
| DIMENSIONS (mm) Width x Depth x Height | 950 x 330 x 30 x 943 |

### ELECTRICAL SUPPLY

- Single phase

#### SYSTEM POWER INPUT (kW)

- Heating/Cooling (nominal): 1.99 / 1.77
- Heating/Cooling (UK): 1.77 / 1.50

#### STARTING CURRENT (A)

- 6.0

#### SYSTEM RUNNING CURRENT (A) Heating/Cooling [kW]

- 8.0 / 7.41 (19.5)

#### MAX PIPE LENGTH (m)

- 50

#### MAX HEIGHT DIFFERENCE (m)

- 30

### REMOTE CONTROLLER

- Wired remote controller reference: PAR-31MAA

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**Country of Origin:** United Kingdom – Japan – Thailand – Malaysia

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**Effective as of:** April 2015
The Mr Slim multi-split system is an ideal option for open plan spaces in medium sized premises such as offices or shops, where two, three or four units are required. These can be Mr Slim ceiling cassettes (PLA-ZRP), ceiling suspended (PCA-RP), ducted (PEAD-RP) or floor standing (PSA-RP) models and can be connected to a single outdoor unit using twin, triple or quadruple multi distributor pipes.

- Two, three or four indoor heat pump units can be operated in a Multi-Split configuration from a single outdoor unit
- Heat pumps must operate in same heating or cooling mode
- Inverter controlled outdoor unit with low starting current

### PUHZ-RP250YKA

<table>
<thead>
<tr>
<th>CAPACITY (kW)</th>
<th>Heating (nominal)</th>
<th>27.0 (12.5 - 31.5)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Cooling (nominal)</td>
<td>22.0 (11.2 - 28.9)</td>
</tr>
<tr>
<td></td>
<td>Heating (UK)</td>
<td>22.9 (10.65 - 26.8)</td>
</tr>
<tr>
<td></td>
<td>Cooling (UK)</td>
<td>20.25 (10.3 - 25.75)</td>
</tr>
</tbody>
</table>

| SOUND PRESSURE LEVEL (dBA) | Heating / Cooling | 59 / 58 |
| WEIGHT (kg) | 141 |

<table>
<thead>
<tr>
<th>DIMENSIONS (mm)</th>
<th>Width</th>
<th>Depth</th>
<th>Height</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1050</td>
<td>330 + 30</td>
<td>1338</td>
</tr>
</tbody>
</table>

| ELECTRICAL SUPPLY | 380-415v, 50Hz |
| PHASE            | 3 |
| STARTING CURRENT (A) | 5 |
| MAX RUNNING CURRENT (A) | 21 |
| FUSE RATING (BS88) - HRC (A) | 25 |
| MAINS CABLE No. CORES | 5 |
| MAX PIPE LENGTH (m) | 120 |
| MAX HEIGHT DIFFERENCE (m) | 30 |
| CHARGE R410A (kg) - 30m | 7.7 |

### Applicable Combinations

- 2 x Size 125 Indoor units
- 3 x Size 71 Indoor units
- 4 x Size 60 Indoor units

Miszdo-50WR-E Pipe Kit
Miszdt-111R-E Pipe Kit
Miszdf-1111R-E Pipe Kit