

The Courtyard, Edinburgh Road, Reading Berkshire RG30 2UA

Additional information relating to noise & pollution at 80 London St Reading
App Ref.

Date. Nov 23

This application is very close to 114 London St who recently undertook a similar survey. Ref. 221397
This report showed that the noise levels meet the requirements for daytime noise as shown below

Time Period	Average Noise Levels L_{Aeq}	Maximum Noise Levels L_{Aeq} dB
Daytime L_{Aeq} 16 Hour between 07:00 - 23:00 Hours	36.4 dB	-
Night time L_{Aeq} 8 Hour between 23:00 - 07:00 Hours	32.3 dB	37.1 dB

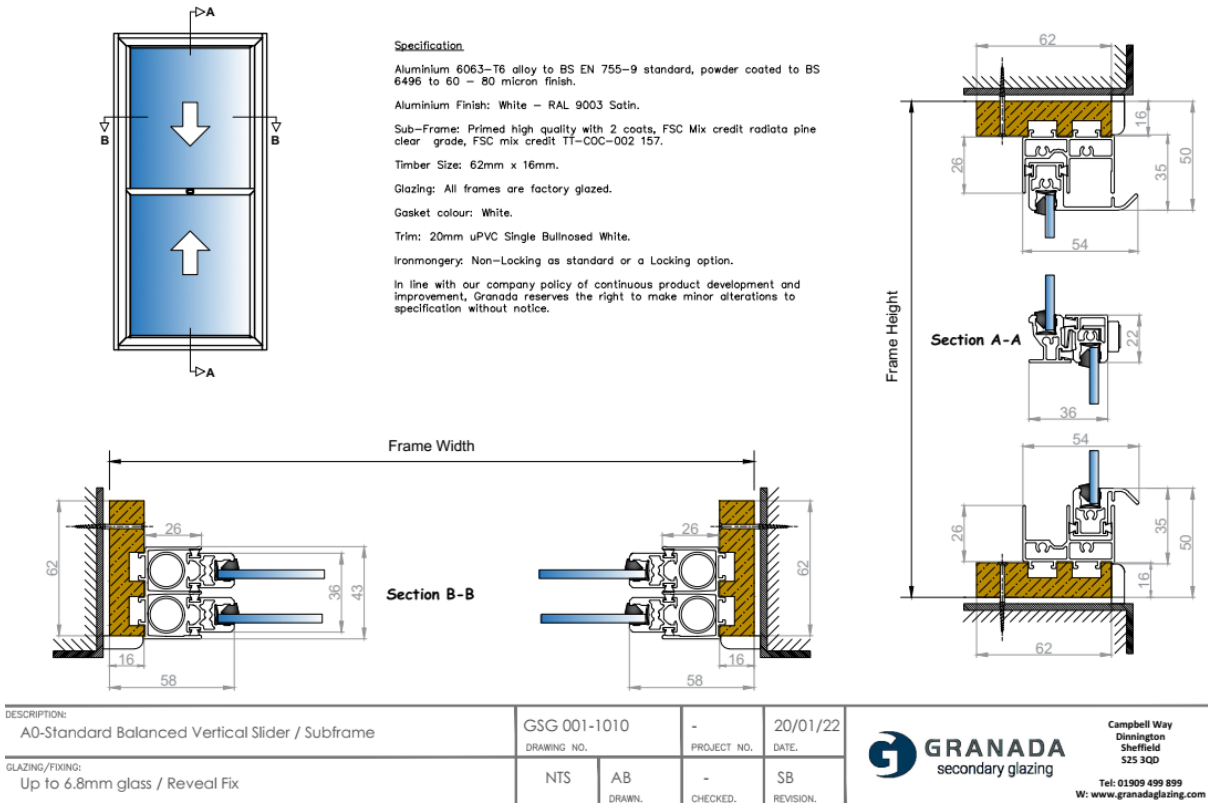
Habitable Space	Time Period	Noise Level Target
Resting/Sleeping (Daytime)	23:00 - 07:00	35 dB L_{Aeq} 16 Hour
Sleeping (Nighttime)	07:00 - 23:00	30 dB L_{Aeq} 8 Hour/45 dB L_{Amax}

Additional measurements were taken during the evening which confirms that noise level will drop.

The adjoining buildings will not cause any excessive noise due to the nature of their uses.

It is proposed to installation secondary double glazing from Granada Secondary Double glazing which is detailed below.

This is a similar detail to that agreed at 114 London St.



In relation to only one apartment is located on the front elevation at first floor level.
This room will be fitted with an MVHR unit ducted through the roof.
This will provide fresh air when the window is closed & extract moist air from the en suite.as shown below.

The other rooms will be ventilated naturally & the bathroom will be fitted with time delay extracts.



Customer Reviews

Vent Axia 370377 HR100R Single Room Heat Recovery Unit

In Stock

Product Code VEN 370377

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Description

Reviews

Attributes

Overview

The HR100R is ideal for single bedroom/bathrooms, for example in hotel rooms, nursing homes etc. It features top access for loft installation; fits with standard 100mm (4" ducting)

The HR100R comes fitted with a single 2-speed motor that provides continuous low volume ventilation with a boost option.

There are a number of different control options to manually or automatically adjust the speed from trickle to boost. The unit is designed without controls to allow the unit to be tailored to suit individual requirements.

An integral heat exchanger that transfers heat from the outgoing stale air to the fresh air supply, raising the supply air temperature whilst at the same time reducing its relative humidity.

Key Features

- This unit provides superior control of odours and condensation
- Suitable for bathrooms or for small internal rooms
- Supply and extract air ventilation with heat recovery
- Ideal for one bathroom and one bedroom
- Extract from one wet room
- Boost operation function with wall switch

Specification

- High Setting (Boost):
- Air Extraction : 66m3/hr (max)
- Air Extraction L/s : 18 L/s (max)
- Noise : 30dB(A) (max)
- Watts : 29w
- Low Setting (Trickle):
- Air Extraction : 49m3/hr (max)
- Air Extraction L/s : 13.6 L/s (max)
- Noise : 20dB(A) (max)
- Watts : 19w

I trust this satisfactorily deals with these queries.

Chris Keen MRICS MCABE

A handwritten signature in blue ink, appearing to be 'C. Keen', enclosed within a thin black rectangular border.

