

In Response to the LPA's emails 30th & 31 Oct re Application ref 69932:

1. The outbuilding in the rear yard with a toilet fitted is now included on the plans. There is one access door and no windows. Ventilation would be maintained by an Xpelair/Vent-Axia silent extractor fan.
2. The plans now identify the extent of the refuse storage are a 660-litre general waste bin (1.37m long by **0.85m wide** by 1.37m high) and a 240-litre bottle wheelie bin (1.1m high by **0.58m wide** by 0.74m deep) which would be stored behind the building in the yard. The access from the yard to the back street is **0.9m wide**.
3. The internal wall between 5 Square Street and 70 Bridge Street / 3a Square Street is of solid stone and mortar construction and from measurements taken in 5 Square Street and 70 Bridge Street, is 12 inches thick. This original stone wall is conserved and exposed in 5 Square Street.
4. The sound insulation test undertaken in July measured how much noise the wall between 5 Square Street and 70 Bridge Street / 3a Square Street stops from travelling between the properties. The building compliance company have stated that the test achieved 53db which is 10db over and above what the building regulations require and in terms of sound, this is quite a significant reduction. The party wall soaks up 53db worth of noise so if for example, there is sound of 80db in 5 Square Street then technically, it would be 27db which could be heard in the adjacent flat. However, background noise would be around 30-35db and so this noise would not be heard in the flat. Information from the building compliance company is attached.

Examples of 80db sounds are a busy road with heavy car traffic, a noisy restaurant or public places like an airport or train station.

<https://decibelpro.app/blog/how-loud-is-80-decibels/>

Background noise in the flat has not been measured however, it is situated on the corner of Square Street and Bridge Street which is a main road through the town and bus route.

5. There would not be "loud" music. Recorded music would be background for customers to work/talk. This music would not be played after the closing time of 11pm, in accordance with the license issued by Bury Council Licensing Office in March. Windows would be locked shut and ventilation would be maintained by a Vent-Axia T-Series window fan which would ensure quiet operation (specification attached). This would be fitted to the first-floor rear window (over the stairs) which is 5 metres from the rear window of the adjacent flat.



This window is in the stairwell of the flat which is currently unoccupied and advertised to let for £795 pcm as:

“conveniently situated within the centre of Ramsbottom village, with all the excellent schools, amenities, bars, restaurants, and coffee shops“

https://www.rightmove.co.uk/properties/141355160#/?channel=RES_LET

1 Nov 2023

Mark Ainsworth

Venezia Ltd

Fw: 16508

From: [REDACTED]
To: [REDACTED]
Date: Wednesday, 1 November 2023 at 17:20 GMT

----- Forwarded message -----

From: Jonathon Hill [REDACTED] >
To: [REDACTED]
Sent: Wednesday, 1 November 2023 at 16:41:24 GMT
Subject: RE: 16508

Good afternoon Mark,

Sorry I've been out on Site all day.

What the 53db means, is that the wall soaks up 53db worth of noise, so if you had a sound on one side which was 80db then technically on the other side of the wall it would be 27db which could be heard. However background noise would be around 30-35db so you wouldn't hear the noise from the other side of the wall. That's how it works.

Without measuring background noise in the flat, without knowing what music or what noise people make in bar, its almost impossible to know what the sound would be.

Its a case of what's come first chicken or the egg.

For larger BREEAM projects which we have worked on, for this type of work with refurbishments where commercial units and residential units are adjacent , an acoustic consultant usually provides what the expected noise levels to be, then these could be tested on site like we have done.

Without a specialist giving us any advice or reading then Part E is the next best thing to work with, as there isn't actually a building regulation between commercial and residential dwellings for sound attenuation

 C80 solutions Straightforward Building Compliance PART OF THE CIS GROUP  Google Read Our 5 Star Reviews ★★★★★	Jonathon Hill Operations Manager Energy Assessments Building Compliance Building Consultancy Compliance Testing	 https://c80solutions.co.uk/ Woodhead House, Woodhead Rd, Birstall, WF17 9TD
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16508

From: Jonathon Hill [REDACTED]
To: [REDACTED]
Date: Monday, 30 October 2023 at 15:22 GMT

Good afternoon Mark,

Just commenting on the sound test result.

The 2 walls tested managed to achieve above building regulations.

The first test achieved 56db which is 13db above building regulations and the second wall tested achieved 53db which is 10db above building regulations.

In terms of sound this is quite a significant reduction.



Jonathon Hill
Operations Manager
Energy Assessments | Building Compliance | Building
Consultancy | Compliance Testing

[REDACTED]
<https://c80solutions.co.uk/>
Woodhead House, Woodhead Rd,
Birstall, WF17 9TD



Traditional T-Series Window Fan

- Extract/intake fans in 4 sizes: 6", 7", 9" and 12"
- Patented electronic shutter system ensures quiet, trouble free operation
- To obtain the best from your fan, use the Ecotronic controller
- Shutter open/fan off mode
- Low sound levels
- Easy fit connector Top Socket, standard on all models
- Designed for single or double glazing up to 32mm thick



UK's No. 1 Commercial Fan

The T-Series fan range is fitted with a Vent-Axia M-Tech motor, developed to improve performance, lower running costs and maintain the T-Series' rugged reliability. A patented speed control pack is simply plugged in one of 3 positions to provide low, medium or boost speed matching the fan performance to the requirements of the installation.

Instantaneous Shutter

With energy saving in mind T-Series Fitting Kits are supplied complete with an integral instantaneous automatic louvre shutter concealed behind the interior grille. It operates on both extract and intake and at any angle of mounting.

When the fan is used with a T-Series or Ecotronic controller, the shutter can be set open with the fan motor switched off to provide natural ventilation without the security risk of an open window.

Top Socket

A connector Top Socket is standard on all T-Series fans allowing fast and trouble-free mains connection.

Easy Cleaning

Integrated component design allows all parts to be dismantled for cleaning without the use of specialist tools.

Electrical

Motor purpose-designed. Suitable for running at any angle. Quiet running. Suitable for operation in ambient temperatures from -40°C to +50°C.

Fitted with Standard Thermal Overload Protection (S.T.O.P.).

Supply voltage 220-240V/1/50Hz.

Window Kit

Designed for use in single or double glazing, most types of glass and materials up to 32mm thick. Greater thicknesses can be accommodated using Extended Fixing Rod Sets. Can also be mounted in a fixing plate or wall, in ducts or above ceilings.

Models

Complete Fan

Model	Stock Ref
TX6WW	W161110
TX7WW	W162110
TX9WW	W163110
TX12WW	W164110

Fan Core (excludes Fitting Kit)

Size	Stock Ref
TX6	472012
TX7	472013
TX9	472014
TX12	472015

Window Kits (excludes Fan Core)

Size	Stock Ref
TX6	472020
TX7	472021
TX9	472022
TX12	472023

Accessories

Extended Fitting Rod set

Size	Stock Ref
6/7/9"	568104
12"	568106

Controllers



Ecotronic Controller Surface Mounting

Stock Ref

W362320

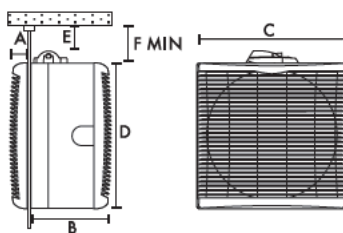


T-Series Controller Surface Mounting

Stock Ref

W361119

Dimensions (mm)



Size Dim.	6 in	7 in	9 in	12 in
A	31	31	39	41
B	130	130	150	177
C	226	265	304	381
D	220	258	302	378
E	19	19	19	19
F	54	54	54	54
Fixing hole Ø	184	222	260	337
Weight kg*	3.57	3.93	5.35	7.7

*Complete product.

Performance Guide

Model	Extract performance m ³ /h (l/s)			Watts (high)	Sound dB(A) (med) @ 3m	Amps @ 240V
	low	medium	high			
TX6 Window	245 (68)	315 (88)	360 (100)	30	41	0.24
TX7 Window	305 (85)	395 (110)	485 (135)	40	37	0.24
TX9 Window	465 (130)	685 (190)	795 (220)	85	43	0.42
TX12 Window	1095 (305)	1415 (393)	1615 (449)	105	48	0.51