

Hi Matthew,

Yes, we can work within these figures for the final unit selections.

Regards,
Phil Grice

From: Matthew Robinson <matthew.robinson@sandybrown.com>
Sent: 09 June 2021 14:21
To: Philip Grice <Philip.Grice@parker-wilson.co.uk>; Nickesh Patel <np@beechdesignandbuild.co.uk>; Alexandra Radu <alr@beechdesignandbuild.co.uk>
Cc: Marcus Bunting <mdb@beechdesignandbuild.co.uk>; Daniel Shaw <daniel.shaw@sandybrown.com>
Subject: RE: 013-BS- Acoustic Information (21013)

Hi Philip,

OK, noted.

Are you happy for us to base our assessment on those values, using the supply for the fresh air intake and the extract for the exhaust?

Best regards,
Matt

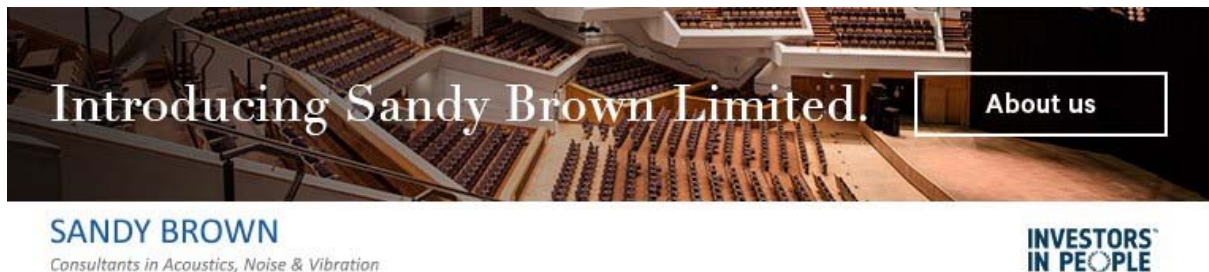
Matthew Robinson | Associate

68 Sackville Street, Manchester M1 3NJ

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E: matthew.robinson@sandybrown.com



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A list of Director's names is available for inspection at 55 Charterhouse Street, London EC1M 6HA, the company's registered office address.

From: Philip Grice <Philip.Grice@parker-wilson.co.uk>
Sent: 09 June 2021 12:40
To: Matthew Robinson <matthew.robinson@sandybrown.com>; Nickesh Patel <np@beechdesignandbuild.co.uk>; Alexandra Radu <alr@beechdesignandbuild.co.uk>
Cc: Marcus Bunting <mdb@beechdesignandbuild.co.uk>; Daniel Shaw <daniel.shaw@sandybrown.com>
Subject: RE: 013-BS- Acoustic Information (21013)

Hi Matthew,

Unfortunately we seem to have real problems getting full octave band data these days. Nobody publishes it as standard any more and when we ask for it manufacturers seem to react like we're the first people to ever ask. All we have at the moment is the noise breakout.

Where we have specified a very similar unit previously we had the noise spectrum for the supply and extract discharge below:

Freq	63Hz	125Hz	250Hz	500Hz	1k	2k	4k	8k
dB	68	78	74	65	60	56	52	51
dB	69	79	81	80	77	71	67	65

Regards,
Phil Grice

From: Matthew Robinson <matthew.robinson@sandybrown.com>

Sent: 09 June 2021 09:11

To: Philip Grice <Philip.Grice@parker-wilson.co.uk>; Nickesh Patel <np@beechdesignandbuild.co.uk>; Alexandra Radu <alr@beechdesignandbuild.co.uk>

Cc: Marcus Bunting <mdb@beechdesignandbuild.co.uk>; Daniel Shaw <daniel.shaw@sandybrown.com>

Subject: RE: 013-BS- Acoustic Information (21013)

Hi Phil,

Is the SWL 66 dB(A) for the fresh air intake, supply, extract, exhaust or noise breakout? Typically AHU have 5 noise components and we would need to know all of them to assess internal and external noise levels.

Additionally, we would need octave band noise levels, in order that we can correctly assess requirements for any in-duct attenuators (or other attenuation measures).

Please give me a call if you want to discuss.

Best regards,
Matt

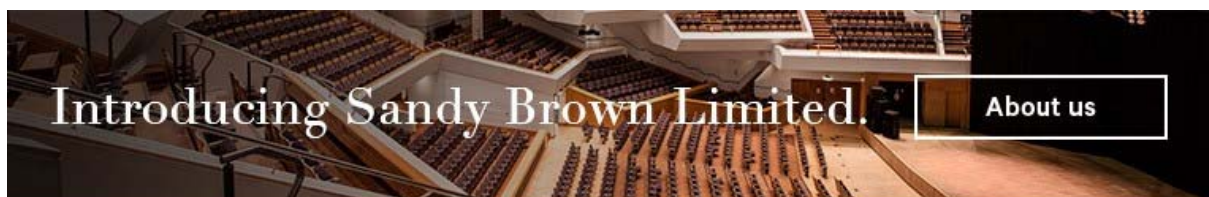
Matthew Robinson | Associate

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From: Philip Grice <Philip.Grice@parker-wilson.co.uk>
Sent: 08 June 2021 15:33
To: Matthew Robinson <matthew.robinson@sandybrown.com>; Nickesh Patel <np@beechdesignandbuild.co.uk>; Alexandra Radu <alr@beechdesignandbuild.co.uk>
Cc: Marcus Bunting <mdb@beechdesignandbuild.co.uk>; Daniel Shaw <daniel.shaw@sandybrown.com>
Subject: RE: 013-BS- Acoustic Information (21013) [Filed 08 Jun 2021 15:43]

Hi Matthew,

The sound power level for the AHU will be 68dB(A). We would anticipate that some acoustic screening may be required to keep us below background noise levels but this has not currently been designed or specified as far as I am aware.

Roof drawing attached.

Regards,
Phil Grice

From: Matthew Robinson <matthew.robinson@sandybrown.com>
Sent: 08 June 2021 08:32
To: Philip Grice <Philip.Grice@parker-wilson.co.uk>; Nickesh Patel <np@beechdesignandbuild.co.uk>; Alexandra Radu <alr@beechdesignandbuild.co.uk>
Cc: Marcus Bunting <mdb@beechdesignandbuild.co.uk>; Daniel Shaw <daniel.shaw@sandybrown.com>
Subject: RE: 013-BS- Acoustic Information (21013)

Hi Phil,

Thanks for this.

We are assessing external noise egress from plant.

Would it be possible to have the rooftop plant layout, plant noise data (sound power level or sound pressure level at a distance) and details of any proposed attenuation measures or screening.

Best regards,
Matt

Matthew Robinson | Associate

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From: Philip Grice <Philip.Grice@parker-wilson.co.uk>

Sent: 07 June 2021 19:22

To: Nickesh Patel <np@beechdesignandbuild.co.uk>; Matthew Robinson

<matthew.robinson@sandybrown.com>; Alexandra Radu <alr@beechdesignandbuild.co.uk>

Cc: Marcus Bunting <mdb@beechdesignandbuild.co.uk>; Daniel Shaw

<daniel.shaw@sandybrown.com>

Subject: RE: 013-BS- Acoustic Information (21013)

Matthew,

The ventilation will comprise a roof mounted AHU with vertical supply and extract risers and branch connections at each floor level. Ductwork will run down the corridors and branch off to serve each apartment separately.

Drawings are attached.

Regards,
Phil Grice