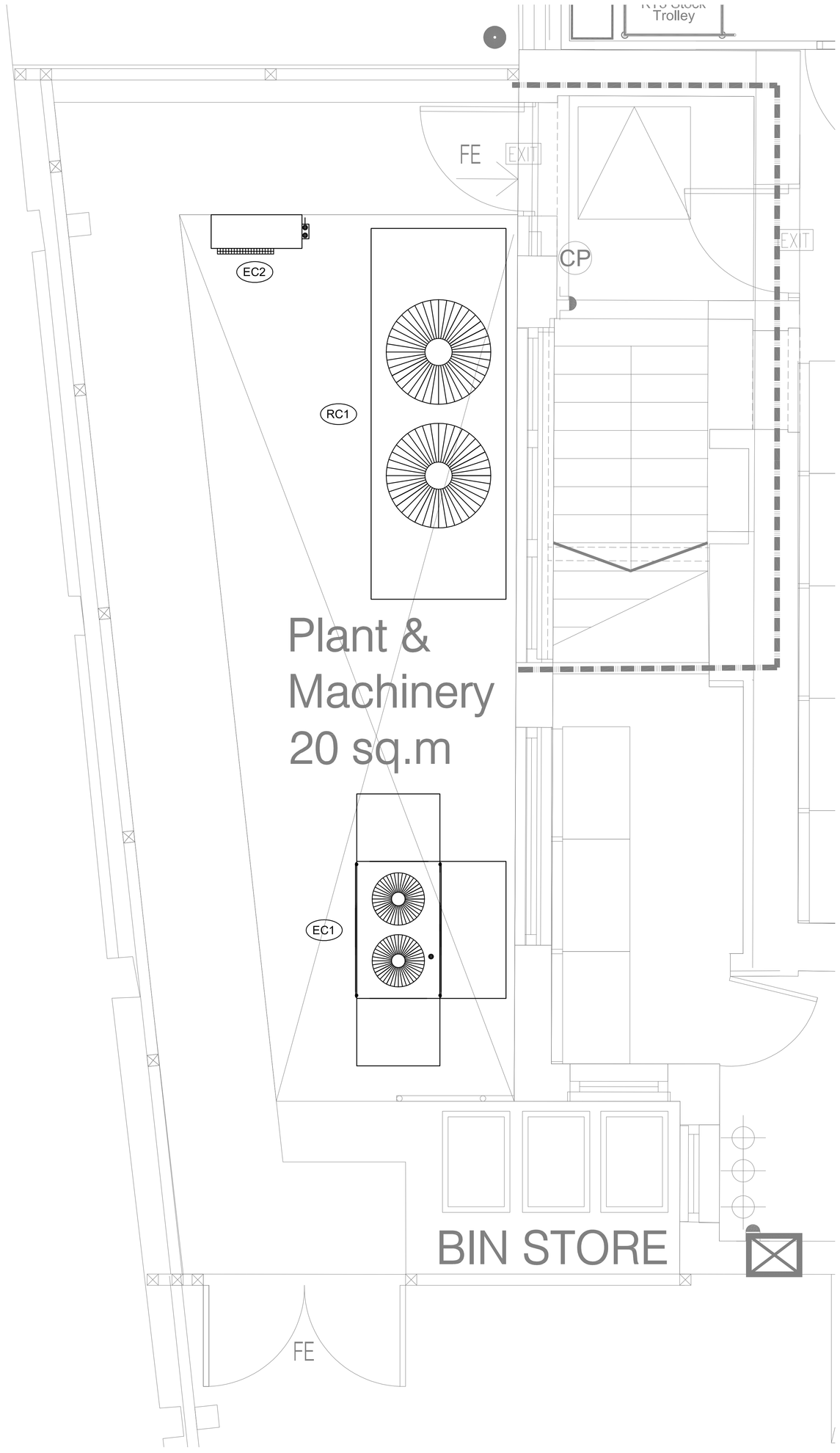


Air Conditioning

Product Information

Acoustic Kits

PUHY and PURY series units (YJM)

Making a World of Difference

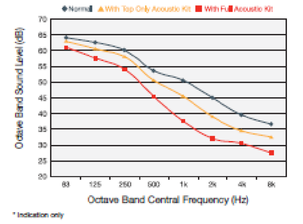
TYPES OF KIT

Both a 'full kit' and 'top only' kit are available. The 'full kit' comprises left, right and back louvres with a top attenuator. The 'top only' has a top attenuator only.

If space is an issue, then the 'top only' kit is available which can still reduce the noise level by up to 4dBA.

The noise level is calculated from an average of the noise at a height of 1m and distance of 1m from the front, back, left, right and 1m above the top. All noise measurements are performed in an anechoic chamber.

PURY-EP200YJM-A ACOUSTIC NOISE LEVEL DATA*



* Indicative only

SUPPLY AND/OR INSTALLATION

Please contact Ambient Acoustics directly for supply and installation costs.

Installation costs will vary depending on location and number of units to be fitted with acoustic kits.

Ambient Acoustics Ltd
PO Box 1585, Wedmore, Somerset, BS28 4WZ
Tel: 01934 712832
Fax: 01934 710420
Email: sales@ambientacoustics.co.uk

Ambient Acoustics is an independent supplier of acoustic attenuation products, all warranties and liabilities rest with Ambient Acoustics Ltd. The acoustic attenuation kits have been tested and approved by Mitsubishi Electric UK.

BASIC ACOUSTIC KIT COSTS



For all PUHY and PURY Series (YJM)

3 models are available, small, large and extra large. Small fits on the S-module outdoor units, large fits on the L-module outdoor units and extra large on the XL-module outdoor units.

S-module	Complete acoustic kit target price Top attenuator only target price	£1452 £607
L-module	Complete acoustic kit target price Top attenuator only target price	£1585 £648
XL-module	Complete acoustic kit target price Top attenuator only target price	£2326 £1102

All costs include delivery.

INSTALLATION

Due to the wrap around coil of the YJM, the louvres are attached to 3 sides of the unit. Therefore, when installing multiple module systems, a 300mm gap between each louvre is required.

See diagram below.



1 full kit per outdoor unit is required, unless specifying top attenuator only. In this case, space units as normal.

1. Refrigeration condenser RC1.
C&C KFHC1.4-122CA-EC91.M3 1 32 bDA @ 10m (day time).
The refrigeration condenser conditions are based on an ambient temperature of +32 dec C day & +25 deg C night (max levels omitted & therefore will be lower in lesser ambient conditions).
We are proposing to install the refrigeration pack in the Warehouse or another internal location to stop noise breakout from the compressors.
Please note the cold-rooms receive their refrigeration capacity from the pack as external units will be too loud for night operation due to local residential properties, this is slightly deviating from CEC Engineering specifications & Kevin Collins will need to approve & sign off the design.

2. External AC condenser EC1 (Retail & Storage areas).
Mitsubishi PURY-P400YLM-A.
Height 1710mm x Width 1220mm x Depth 740mm 48.5 dBA @ 10m (day time only).
We will also install an acoustic J kit to this piece of plant, details attached reducing the noise output by 8 dBA.

3. External AC Condenser EC2 (Office).
Mitsubishi PUHZ-ZRP35VKA.
Height 630mm x Width 809nn x Depth 300mm 32 dBA @ 10m (day time only).

CAD ORIGINAL - Do not modify by hand.

Notes

Rev	Date	Description	By	Chk
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Status
PRELIMINARY

OAK ELECTRICAL LTD
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www.oak-electrical.com info@oak-electrical.com

Client
Central England Co-operative Ltd

Project
Bush Inn
Barnsley

Drawing Title
MECHANICAL SERVICES
Proposed External Plant Area

Drawing No	Revision
C1881-17 - M - PRELIM	.

Scale	Date	Engineer	Checked
1:20 @ A0	Apr 2017	IK	-