

TCP/11/16(173)

Planning Application 11/01510/FLL – Temporary (5 years) siting of a metal storage unit, installation of 2 air conditioning units, formation of vehicular access and hardstanding and erection of screen fence (in part retrospect) at 102 Glengarry Road, Perth, PH2 0AB

**PAPERS SUBMITTED
BY THE
APPLICANT**

The Secretary
Local Review Body
Perth & Kinross Council
Committee Services
Council Building
2 High Street Perth
Perth
PH1 5PH



Mr Gary Casson
c/o John Fyfe
Keir Villa
14 Strathmore St
Bridgend
Perth
PH2 7HP

20 February 2012

Dear Sir/Madam

Town and Country Planning (Scotland) Act, 1997 as amended by Planning etc (Scotland) Act 2006

NOTICE OF REVIEW - Application Number 11/01510/FFL

Temporary (5 years) siting of a small portable metal storage unit, installation of 2 air conditioning extractor fans (in retrospect) and formation of vehicular access and hardstanding and erection of screen fence (in part Retrospect) at Costcutter, 102 Glengarry Road, Perth PH2 0AB

I refer to the refusal of planning application number 11/01510/FLL dated 28 November 2011 and I now submit a completed Notice of Review Form enclosing the required Statement of Appeal, List of Documents and Evidence together with all the supporting documents relevant to the review.

I trust that you will find all in order to allow the review to formally proceed.

PLEASE NOTE THAT THE LAST DAY FOR THIS APPEAL IS 28 FEBRUARY 2012.

I should apologise for the late submission but I was unwell in December. In addition, my uncle sadly died early in the new year and arranging the funeral and carrying out executor duties has been very time consuming.

In the circumstances should you require to contact me as a matter of urgency then please call my mobile phone on 07748 403 814

Any assistance regarding this matter would be much appreciated.

Yours faithfully,

John A Fyfe
(Agent for Gary Casson)

Enclosures

PERTH & KINROSS
COUNCIL

21 FEB 2012

RC - 15:39

2
22 FEB 2012

NOTICE OF REVIEW

UNDER SECTION 43A(8) OF THE TOWN AND COUNTRY PLANNING (SCOTLAND) ACT 1997 (AS AMENDED) IN
RESPECT OF DECISIONS ON LOCAL DEVELOPMENTSTHE TOWN AND COUNTRY PLANNING (SCHEMES OF DELEGATION AND LOCAL REVIEW PROCEDURE)
(SCOTLAND) REGULATIONS 2008

THE TOWN AND COUNTRY PLANNING (APPEALS) (SCOTLAND) REGULATIONS 2008

**IMPORTANT: Please read and follow the guidance notes provided when completing this form.
Failure to supply all the relevant information could invalidate your notice of review.**

Use BLOCK CAPITALS if completing in manuscript

Applicant(s)

Name MR GARY CASSON

Address 102 GLENGARRY ROAD
PERTH.

Postcode PH2 0AB

Contact Telephone 1 [REDACTED]
Contact Telephone 2 [REDACTED]
Fax No -

E-mail* [REDACTED]

Agent (if any)

Name MR JOHN FYFE

Address KEIR VILLA
14 STRATHMORE STREET
PERTH

Postcode PH2 7HP

Contact Telephone 1 01738 630520
Contact Telephone 2 07748 403 814
Fax No -

E-mail* [REDACTED]

Mark this box to confirm all contact should be
through this representative: XYes No
☐ ☒

* Do you agree to correspondence regarding your review being sent by e-mail?

Planning authority PERTH AND KINROSS COUNCIL

Planning authority's application reference number 11/01510/FLL

Site address COSTCUTTER, 102 GLENGARRY ROAD, PERTH PH2 0AB (FORMERLY LONDIS)

Description of proposed development TEMPORARY (5 YEARS) SITING OF SMALL METAL STORAGE UNIT,
INSTALLATION OF 2 AIR CONDITIONING UNITS, FORMATION OF A VEHICULAR
ACCESS AND HARDSTANDING AND ERECTION OF SCREEN FENCE.

Date of application 29 SEPTEMBER 2011 Date of decision (if any) 28 NOVEMBER 2011

Note. This notice must be served on the planning authority within three months of the date of the decision
notice or from the date of expiry of the period allowed for determining the application.

Nature of application

- | | |
|--|-------------------------------------|
| 1. Application for planning permission (including householder application) | <input type="checkbox"/> |
| 2. Application for planning permission in principle | <input type="checkbox"/> |
| 3. Further application (including development that has not yet commenced and where a time limit has been imposed; renewal of planning permission; and/or modification, variation or removal of a planning condition) | <input checked="" type="checkbox"/> |
| 4. Application for approval of matters specified in conditions | <input type="checkbox"/> |

Reasons for seeking review

- | | |
|---|-------------------------------------|
| 1. Refusal of application by appointed officer | <input checked="" type="checkbox"/> |
| 2. Failure by appointed officer to determine the application within the period allowed for determination of the application | <input type="checkbox"/> |
| 3. Conditions imposed on consent by appointed officer | <input type="checkbox"/> |

Review procedure

The Local Review Body will decide on the procedure to be used to determine your review and may at any time during the review process require that further information or representations be made to enable them to determine the review. Further information may be required by one or a combination of procedures, such as: written submissions; the holding of one or more hearing sessions and/or inspecting the land which is the subject of the review case.

Please indicate what procedure (or combination of procedures) you think is most appropriate for the handling of your review. You may tick more than one box if you wish the review to be conducted by a combination of procedures.

- | | |
|---|-------------------------------------|
| 1. Further written submissions | <input type="checkbox"/> |
| 2. One or more hearing sessions | <input type="checkbox"/> |
| 3. Site inspection | <input type="checkbox"/> |
| 4. Assessment of review documents only, with no further procedure | <input checked="" type="checkbox"/> |

If you have marked box 1 or 2, please explain here which of the matters (as set out in your statement below) you believe ought to be subject of that procedure, and why you consider further submissions or a hearing are necessary:

N/A

Site inspection

In the event that the Local Review Body decides to inspect the review site, in your opinion:

- | | Yes | No |
|--|-------------------------------------|--------------------------|
| 1. Can the site be viewed entirely from public land? | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is it possible for the site to be accessed safely, and without barriers to entry? | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

If there are reasons why you think the Local Review Body would be unable to undertake an unaccompanied site inspection, please explain here:

NO REASONS

Statement

You must state, in full, why you are seeking a review on your application. Your statement must set out all matters you consider require to be taken into account in determining your review. Note: you may not have a further opportunity to add to your statement of review at a later date. It is therefore essential that you submit with your notice of review, all necessary information and evidence that you rely on and wish the Local Review Body to consider as part of your review.

If the Local Review Body issues a notice requesting further information from any other person or body, you will have a period of 14 days in which to comment on any additional matter which has been raised by that person or body.

State here the reasons for your notice of review and all matters you wish to raise. If necessary, this can be continued or provided in full in a separate document. You may also submit additional documentation with this form.

Statement Enclosed with this Notice of Review Form

Have you raised any matters which were not before the appointed officer at the time the determination on your application was made?

Yes No
☐ ☒

If yes, you should explain in the box below, why you are raising new material, why it was not raised with the appointed officer before your application was determined and why you consider it should now be considered in your review.

N/A

List of documents and evidence

Please provide a list of all supporting documents, materials and evidence which you wish to submit with your notice of review and intend to rely on in support of your review.

List of Documents and Evidence Enclosed

Note. The planning authority will make a copy of the notice of review, the review documents and any notice of the procedure of the review available for inspection at an office of the planning authority until such time as the review is determined. It may also be available on the planning authority website.

Checklist

Please mark the appropriate boxes to confirm you have provided all supporting documents and evidence relevant to your review:

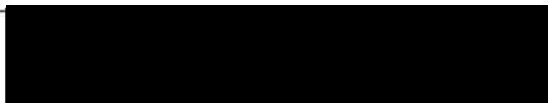
- ☒ Full completion of all parts of this form
- ☒ Statement of your reasons for requiring a review
- ☒ All documents, materials and evidence which you intend to rely on (e.g. plans and drawings or other documents) which are now the subject of this review.

Note. Where the review relates to a further application e.g. renewal of planning permission or modification, variation or removal of a planning condition or where it relates to an application for approval of matters specified in conditions, it is advisable to provide the application reference number, approved plans and decision notice from that earlier consent.

Declaration

I the applicant/agent [delete as appropriate] hereby serve notice on the planning authority to review the application as set out on this form and in the supporting documents.

Signed



Date

20 February 2012

STATEMENT OF APPEAL

Relating to Refusal of planning Application Ref No. 11/01510/FLL

Site Location: Costcutter Shop (Former Londis Shop) **102 Glengarry Road, Perth PH2 0AB**

Background

Firstly, this small commercial premise is a local community shop serving the surrounding community which is trying to survive in this very difficult financial climate. Also, it is trying to beat the trend of large supermarket shopping and is hoping to survive to prevent another vacant small shop.

Mr Casson purchased the above shop in June 2008. At that time the 2 No. extractor fans were in place and mounted on the extension roof to the rear of the shop and they remain there to date. There is evidence that they may have been in place as early as 2004. Under the current application the fans were shown to be relocated to the rear wall of the extension in agreement with Environmental Health. The fans are essential to the running of this local community shop in terms of both health and safety and environment health requirements.

The small metal storage unit was put in place in August 2009 by Mr Casson and still remains there to date. The storage unit is required in relation to the shop for a temporary period to give sufficient time to consider a permanent extension to the existing building. It was assumed that placing of the unit would come under permitted development. This was not the case and the Council advised that planning permission would be required for the storage unit along with the 2 No. fans to formalise the situation.

The installation of a vehicular access and hardstanding was also included in the original application and the screen fencing was added to the amended application following brief consultations with the planning office.

I should advise that one family appear to be leading a witch hunt against the shop in terms of responses. Hence the substantial objections and exaggerated comments which seem to have misled the delegated planning officer. This is covered more in more detail later in the report.

It should be noted that the small container can not be seen from the ground floor flats on either side of the shop and the normal sightline from the above flat is well above the unit.

Taking every thing into consideration in this report it is evident that the Planning Authority and the objectors are making unreasonable demands.

Grounds for Appeal

1. The Council are operating double standards in terms of decision making relating to this application and the Councils Development Plan.
2. The Council are operating double standards in terms of dealing with similar planning applications.
3. The officer's delegated report is inaccurate and seems solely based on exaggerated and false comments from unreliable and biased objectors.

Statement in Support of Appeal

Officer's delegated report:-

Under the sub-heading Assessment it states:

1. "The noisy 24/7 opening and shutting of the heavy metal container doors and lorries delivering stock to the shop" – this statement is untrue and exaggerated as the shop is only open from 07.00 – 22.00 hours and furthermore normal noise is normally permitted between the hours of 07.00 and 23.00 hours.
Access to the storage unit is normally 5 – 10 occasions per week does certainly NOT relate to "noisy 24/7".
There is only ONE main delivery per week to the rear of the shop. It used to be 3 times but this has been reduced to one to improve the situation.
Other very short deliveries are made to the front of the shop and are as follows:
 - Rolls and newspapers daily
 - Bread, milk and fresh produce every second day (this used to be daily but has been reduced to every 2nd day in order to improve the situation.Obviously with such few deliveries comments regarding noise and traffic congestion are a total exaggeration by unreliable objectors.
These matters are NOT issues for Transport Planning or Environmental Health hence the no objection comments. Access times to the unit can be controlled by conditions attached to an approval.
2. "The two air conditioning units are proposed to be repositioned from directly below the residential windows on the roof of the rear extension to the lower rear wall of the extension. Environmental Health are of a view that this repositioning is a satisfactory measure to resolve the impact on residential amenity providing a condition is included to limit the noise levels from the units." – Surely this element of the application should have been conditionally approved in the same way that application No. 10/01097/FFL at No. 92.
3. "The vehicular access and hardstanding, to the rear of the shop premises, does not cause any road safety or traffic congestion and is acceptable to Planning

Transport.” - This element of the application should also have been conditionally approved also in the same way that application No. 10/01097/FFL at No. 92.

4. “The use of fencing to conceal the metal storage unit would be unacceptable as it would not resolve the fundamental issue of the inappropriate temporary structure and indeed would have the effect of drawing attention to the fact that the structure was being screened” – the proposed type of natural timber fence with the decorative trellis panel is probably the most commonly used product for screening and is widely accepted throughout the PKC area by the Local Planning Authority so why should it be unacceptable at Garry Place?

Surely all the other containers placed by the Council other commercial premises must be inappropriate temporary structures also.

5. “The presence of a metal storage container, even with the additional screen fencing, to the rear of the two storey block is detrimental to both the visual and residential amenity of the area with its unattractive appearance in this mixed use residential area” – covered below under Councils Double Standards.

Under the sub-heading DEVELOPMENT PLAN:-

Covered below under Councils Double Standards.

Under sub-heading CONSULTATIONS/COMMENTS it states:

Transport Planning **No objection.**

Environmental Health **No objection subject to implantation of a condition.**

Scottish Water **No objection.**

Obviously no concerns with the application but the delegated officer still decided to issue a blanket refusal – only the visual element remains the contentious issue for the local review body decide. I have addressed this element later in the report.

Under the sub-heading REPRESENTATIONS RECEIVED

It states “Number Received from 12 individual addresses” this does not appear to be the case. Only 10 letters of objection on website of which some are from the same address, others have the same name, 1 has no address and some are from address away from Garry Place and as far away as Bridge of Earn.

It appears that family and friends have been recruited as part of the witch hunt against the shop and apart from the addresses issue the letters use the same terms, wording and

content. More importantly the delegated officer has based his report on the exaggerated and incorrect comments without checking or obtaining confirmation.

Councils Double Standards

Decision Making

While this small storage unit, even with screening, is not permitted at Garry Place the Council itself and many private firms have numerous larger identical containers in more obvious and prominent locations than secluded Garry Place. They are sited, all over the town and beyond, also in mixed use residential areas, open public spaces and in full view from private homes and busy main distributor roads. Most of these units have been in place far more than 4 years making them outwith the date for enforcement action. This must make it very difficult if not impossible for the Planning Authority to recover the out of control situation at this late stage.

A few examples of these containers are clearly evident at the following locations within Perth City:

1. Council Offices in Glover Street – 6 No. containers
2. Public Open Space in Bute Drive – 2 No. containers
3. Perth Grammar School in Bute Drive - 8 No. containers
4. Perth Grammar School in Gowans Terrace – 5 No containers
5. Public Open Space in Newhouse Road – 3 No. containers
6. AK Bell Library at Leonard St, New Row and Glasgow Road – 1 No. container
7. NHS Ambulance Depot in Hillend Road – 1 No. container
8. Matalan Store in Charles St – 1 No. container
9. Sidey's Yard at 57 Feus Road/Crieff Road – at least 15 No. containers
10. Sidey's Yard at 37 Feus Road – at least 6 No. containers
11. Car Radio Service in Crieff Road - 1 No. container
12. Balhousie Primary School in Dunkeld Road/Muirton Pl an Balhousie St – 5 No containers
13. Perth High School in Oakbank Road/Viewlands Road - 1 No. containers
14. Tulloch Primary School in Primrose Crescent – 1 No container

In written correspondence during the planning process in terms of the siting of temporary storage units by Perth & Kinross Council Mr Nick Brian, Development Control Manager remarked “they are invariably functional to serve a specific operation of the Council which dictates the position”. This is exactly the same reason that my client requires the storage unit.

While it is not the case for all the private units in place, I understand that the Council do not normally require planning permission for their containers but may be they should under such controversial circumstances. Surely all these containers must also be detrimental to both the visual and residential amenity of the immediate area, contrary to Policy 41 of the Perth Local Plan 1995 incorporating Alteration No.1 Housing Land 2000.

Similarly, as for justification these containers can not be in accordance with the Development Plan and there are no material reasons to justify departing from the Development Plan for these containers.

Dealing Differently with Similar Applications

I should advise you that at a premise only a few doors away was the subject of a very similar application on 15 October 2010 for planning permission for installation of extractor ventilation flue and storage container to rear of Redcap Takeaway, 92 Glengarry Road, Perth PH2 0AB. Application Number 10/01097/FLL and decision notice dated 4 March 2011 refers.

The delegated officer for this application was former officer Brian Dunkin. His decision was to conditionally approve the application. Contained in the conditions referred to the said application Mr Dunkin saw it appropriate to approve the more controversial extract ventilation flue and not approve the steel storage container and canopy as part of the consent and it had to be removed within a period of three calendar months. Surely with such obvious similarities my client's application should have been at least been dealt with in the same manner in respect of the fans and vehicular access and similarly with storage unit and screening fence instead of a blanket refusal.

In Conclusion

It is very obvious that the only contentious element of the application is the visual appearance of the container but with it being only on third of the length of the other in place in itself must have less impact. More importantly, I hope that the review body will agree that this small container is no different from all the other containers throughout the city and therefore it should be treated the same. In addition, surely erecting one of the most commonly used and accepted decorative timber screening fence is sufficient to improve the visual aspect.

With regards to the Planning Authority applying double standards to the siting of containers, it is my understanding that the Council has to be transparent, upfront, and fair and not support inequality but this is obviously not the case regarding this matter. In addition surely such an apparently controversial matter should not be considered as permitted development by the Planning Authority in such circumstances as suggested in correspondence by Mr Nick Brian.

There is obviously a need for such temporary high security containers, to be used for storage, in modern times and financial climate. This is very evident by the large numbers used by many departments throughout the Council, NHS and other commercial premises in mixed residential areas and the Council should have a clear Policy on this matter. .

However, should the local review body agree to permit the Planning Authority applying double standards then I would hope for the panel at least recommend that the application be approved in a similar manner to the recent application No.10/01097/FLL at 92, Glengarry Road, Perth to prevent a new application being required for the fans and access.

List of Documents and Evidence
Planning Application No. 11/01510/FLL Appeal

- Further application form ref No. 11/01510/FLL – registered 29 September 2011 and submitted plans numbers: PH1/0AB/102/1A, PH1/0AB/102/2A, PH1/0AB/102/3A, PH1/0AB/102/4/1 and PH1/0AB/102/4/2.
- Delegated Report for application No. 11/01510/FLL
- Decision letter for application No. 11/01510/FLL dated 28 November 2011
- Decision letter for application No. 10/01097/FLL dated 4 March 2011
- E-mail dated 20 June 2011 to Alasdair Beveridge delegated officer for original application No. 11/00216/FLL. NOTE – No reply ever received
- E-mail dated 26 July 2011 to Councillor Willie Wilson following the refusal of original application No. 11/00216/FLL
- Letter undated received from Nick Brian by e-mail on 22 August 2011.
- E-mail dated 16 September 2011 to Nick Brian seeking advice prior re-submitting further application. E-mail forwarded to Gillian Peebles in error.
- E-mail dated 28 September 2011 from Gillian Peebles.
- E-mail dated 28 September 2011 to Gillian Peebles
- Letter dated 12 December 2011 to Nick Brian sent by e-mail
- E-mail dated 9 January 2012 to Nick Brian.
- E-mail dated 11 January 2012 from Nick Brian
- E-mail 17 January 2012 to Nick Brian. No reply ever received
- Photo of Small Container referred to in application No. 11/01510/FLL
- Photo of Council Offices in Glover Street – 6 No. containers
- Photo of Public Open Space in Bute Drive – 2 No. containers
- Photo of Perth Grammar School in Bute Drive - 8 No. containers
- Photo of Perth Grammar School in Gowans Terrace – 5 No containers
- Photo of Public Open Space in Newhouse Road – 3 No. containers
- Photo of AK Bell Library at Leonard St, New Row, Kinnoull Causeway and York Place 4– 1 No. container
- Photo of NHS Ambulance Depot in Hillend Road – 1 No. container
- Photo of Matalan Store in Charles St – 1 No. container
- Photo of Sidey's Yard at 57 Feus Road/Crieff Road – at least 15 No. containers
- Photo of Car Radio Service in Crieff Road - 1 No. container
- Photo of Balhousie Primary School in Dunkeld Road/Muirton Pl an Balhousie St – 5 No containers
- Photo of Tulloch Primary School in Primrose Crescent – 1 No container
- Comments dated 03/10/11 via public access system from Jamie **STIRTON**, 17 **VASART COURT**, Perth on 11/01510/FLL.
- Comments letter dated 03/10/11 from Maria **STIRTON**, 104B Glengarry Road. Perth on 11/01510/FLL.
- Comments letter dated 07/10/11 from Miss M **KENNEDY**, 104 **Glengarry Road**. Perth on 11/01510/FLL.
- Comments letter dated 19/10/11 from Mr M **KENNEDY**, 104 **Glengarry Road**. Perth on 11/01510/FLL.

- Comments letter dated 10/10/11 from Tam Higginbottom, **No. 2 Lock-up Garage** C/O Fetteresk, Back Street, **BRIDGE OF EARN** on 11/01510/FLL.
- Comments letter dated 11/10/11 from Miss A Grieve, 55C Glengarry Road, Perth on 11/01510/FLL
- Comments letter dated 12/10/11 from Shek, 53C Glengarry Road, Perth on 11/01015/FLL
- Comments letter dated 17/10/11 from Mr S Whyte, 26 **GLENFARG TERRACE**, Perth on 11/01510/FLL
- Comment e-mail dated 19/10/11 via iPhone, from Ms L Steven & Mr J Henderson **NO ADDRESS GIVEN** on 11/01510/FLL
- Comments letter dated 20/10/11 from Mr W Carr, 43C Glengarry Road, Perth on 11/01015/FLL

APPLICATION FOR PLANNING PERMISSION

Town and Country Planning (Scotland) Act 1997
The Town and Country Planning (Development Management Procedure) (Scotland) Regulations 2008

Please refer to the accompanying Guidance Notes when completing this application
PLEASE NOTE IT IS FASTER AND SIMPLER TO SUBMIT PLANNING APPLICATIONS
ELECTRONICALLY VIA <https://eplanning.scotland.gov.uk>

1. Applicant's Details		2. Agent's Details (if any)	
Title	MR	Ref No.	—
Forename	GARY	Forename	JOHN
Surname	CASSON	Surname	FIFE
Company Name	LONDIS GENERAL STORE	Company Name	N/A
Building No./Name	102	Building No./Name	KEIR VILLA
Address Line 1	GLENGARRY RD	Address Line 1	14 STATHMORE ST
Address Line 2	CRAGIE	Address Line 2	BRIDGEEND
Town/City	PERTH	Town/City	PERTH
Postcode	PH1 0AB	Postcode	PH2 7HP
Telephone	[REDACTED]	Telephone	01738 630520
Mobile	[REDACTED]	Mobile	0748 403 814
Fax	—	Fax	—
Email	[REDACTED]	Email	[REDACTED]
3. Postal Address or Location of Proposed Development (please include postcode)			
LONDIS GENERAL STORE 102 GLENGARRY ROAD CRAGIE PERTH PH1 0AB			
NB. If you do not have a full site address please identify the location of the site(s) in your accompanying documentation.			
4. Type of Application			
What is the application for? Please select one of the following:			
Planning Permission	(AMEND APPLICATION)	<input checked="" type="checkbox"/>	
Planning Permission in Principle		<input type="checkbox"/>	
Further Application*		<input checked="" type="checkbox"/>	
Application for Approval of Matters Specified in Conditions*		<input type="checkbox"/>	
Application for Mineral Works**		<input type="checkbox"/>	
NB. A 'further application' may be e.g. development that has not yet commenced and where a time limit has been imposed a renewal of planning permission or a modification, variation or removal of a planning condition.			
*Please provide a reference number of the previous application and date when permission was granted:			
Reference No:	11/00216/FLL	Date:	2 MAY 2011

**Please note that if you are applying for planning permission for mineral works your planning authority may have a separate form or require additional information.

5. Description of the Proposal

Please describe the proposal including any change of use:

5 YEAR TEMPORARY SITING OF SMALL PORTABLE METAL STORAGE UNIT, PERMANENT INSTALLATION OF 2 NO SMALL RELOCATED AIR CONDITIONING EXTRACTOR FANS AND THE FORMATION OF VEHICULAR ACCESS & HARDSTANDING

Is this a temporary permission? PART ONLY Yes ☒ No ☒

If yes, please state how long permission is required for and why:

5 YEARS IS REQUIRED IN ORDER TO GIVE SUFFICIENT TIME TO CONSIDER A FURTHER PERMANENT EXTENSION TO BUILDING

Have the works already been started or completed? Yes ☒ No ☐ ACCESS - NOT STARTED
FANS IN PLACE WHEN PURCHASED JUNE 2008 - TO BE RELOCATED

If yes, please state date of completion, or if not completed, the start date:

Date started: AS COMPLETED

Date completed: AUG 2009 - UNIT

If yes, please explain why work has already taken place in advance of making this application

DUE TO THE MINOR NATURE OF THE WORKS IT WAS ASSUMED THAT IT WOULD COME UNDER PERMITTED DEVELOPMENT BUT SINCE LEARNED THIS WAS NOT THE CASE. HENCE THE RETROSPECTIVE APPLICATION

6. Pre-Application Discussion

Have you received any advice from the planning authority in relation to this proposal? Yes ☒ No ☐

If yes, please provide details about the advice below:

In what format was the advice given? Meeting ☐ Telephone call ☒ Letter ☐ Email ☒

Have you agreed or are you discussing a Processing Agreement with the planning authority? Yes ☐ No ☐

Please provide a description of the advice you were given and who you received the advice from:

Name: INGRID WALLACE / ALASDAIR BEVERIDGE Date: 14/06/2011 Ref No.:
NICK BRIAN - 22/05/2011 & RAY SHOOT (VARIOUS DATES)

I.W./A.D. - 2 NO EXTRACTOR FANS TO BE RELOCATED TO A LOW LEVEL ON THE REAR WALL OF THE EXISTING EXTENSION. A.B.R.D. - WITH REGARDS TO THE SMALL STORAGE UNIT - COULD ONLY JUSTIFY A TEMPORARY CONSENT SUBJECT TO SUITABLE TOWER FENCE SCREENING. SEE PHOTOS OF MANY OTHER UNITS IN THE TOWN.

7. Site Area

Please state the site area in either hectares or square metres:

Hectares (ha):

—

Square Metre (sq.m.)

101 SQM

8. Existing Use

Please describe the current or most recent use:

REAR COURTYARD AREA TO SHOP PREMISES.
THE STORAGE UNIT IS REQUIRED IN CONNECTION
AND AUXILIARY TO THE ADJACENT SHOP

9. Access and Parking

Are you proposing a new altered vehicle access to or from a public road?

Yes ☒ No ☐

If yes, please show in your drawings the position of any existing, altered or new access and explain the changes you propose to make. You should also show existing footpaths and note if there will be any impact on these.

Are you proposing any changes to public paths, public rights of way or affecting any public rights of access?

Yes ☐ No ☒

If yes, please show on your drawings the position of any affected areas and explain the changes you propose to make, including arrangements for continuing or alternative public access.

How many vehicle parking spaces (garaging and open parking) currently exist on the application site?

NONE

How many vehicle parking spaces (garaging and open parking) do you propose on the site? (i.e. the total number of existing spaces plus any new spaces)

ONE

Please show on your drawings the position of existing and proposed parking spaces and specify if these are to be allocated for particular types of vehicles (e.g. parking for disabled people, coaches, HGV vehicles, etc.)

10. Water Supply and Drainage Arrangements

Will your proposals require new or altered water supply or drainage arrangements?

Yes ☐ No ☒

Are you proposing to connect to the public drainage network (e.g. to an existing sewer?)

Yes, connecting to a public drainage network

☐

No, proposing to make private drainage arrangements

☐

Not applicable – only arrangement for water supply required

☐

N/A

What private arrangements are you proposing for the new/altered septic tank?

Discharge to land via soakaway

☐

Discharge to watercourse(s) (including partial soakaway)

☐

Discharge to coastal waters

☐

N/A

Please show more details on your plans and supporting information

What private arrangements are you proposing?

Treatment/Additional treatment (relates to package sewer treatment plants, or passive sewage treatment such as a reed bed)

☐

Other private drainage arrangement (such as a chemical toilets or composting toilets)

☐

N/A

Please show more details on your plans and supporting information.

Do your proposals make provision for sustainable drainage of surface water?

Yes ☐ No ☐

N/A

Note:- Please include details of SUDS arrangements on your plans

Are you proposing to connect to the public water supply network?

Yes ☐ No ☒

If no, using a private water supply, please show on plans the supply and all works needed to provide it (on or off site)

11. Assessment of Flood Risk

Is the site within an area of known risk of flooding?

Yes ☐ No ☒

If the site is within an area of known risk of flooding you may need to submit a Flood Risk Assessment before your application can be determined. You may wish to contact your planning authority or SEPA for advice on what information may be required.

Do you think your proposal may increase the flood risk elsewhere? Yes ☐ No ☒ Don't Know ☐

If yes, briefly describe how the risk of flooding might be increased elsewhere.

N/A

12. Trees

Are there any trees on or adjacent to the application site?

Yes ☐ No ☒

If yes, please show on drawings any trees (including known protected trees) and their canopy spread as they relate to the proposed site and indicate if any are to be cut back or felled.

13. Waste Storage and Collection

Do the plans incorporate areas to store and aid the collection of waste? (including recycling)

Yes ☐ No ☒

If yes, please provide details and illustrate on plans.

If no, please provide details as to why no provision for refuse/recycling storage is being made:

N/A

14. Residential Units Including Conversion

Does your proposal include new or additional houses and/or flats?

Yes ☐ No ☒

If yes how many units do you propose in total?

N/A

Please provide full details of the number and types of units on the plan. Additional information may be provided in a supporting statement.

N/A

15. For all types of non housing development – new floorspace proposed

Does your proposal alter or create non-residential floorspace?

Yes ☐ No ☒

If yes, please provide details below:

Use type:

N/A

If you are extending a building, please provide details of existing gross floorspace (sq.m):

N/A

Proposed gross floorspace (sq.m.):

N/A

Please provide details of internal floorspace(sq.m)

Net trading space:

N/A

Non-trading space:

N/A

Total net floorspace:

N/A

16. Schedule 3 Development

Does the proposal involve a class of development listed in Schedule 3 of the Town and Country Planning (Development Management Procedure) (Scotland) Regulations 2008?

Yes ☐ No ☒ Don't Know ☐

If yes, your proposal will additionally have to be advertised in a newspaper circulating in your area. Your planning authority will do this on your behalf but may charge a fee. Please contact your planning authority for advice on planning fees.

17. Planning Service Employee/Elected Member Interest

Are you / the applicant / the applicant's spouse or partner, a member of staff within the planning service or an elected member of the planning authority?

Yes ☐ No ☒

Or, are you / the applicant / the applicant's spouse or partner a close relative of a member of staff in the planning service or elected member of the planning authority?

Yes ☐ No ☒

If you have answered yes please provide details:

N/A

DECLARATION

I, the applicant/agent certify that this is an application for planning permission. The accompanying plans/drawings and additional information are provided as part of this application.

I, the applicant/agent hereby certify that the attached Land Ownership Certificate has been completed

☒

I, the applicant /agent hereby certify that requisite notice has been given to other land owners and/or agricultural tenants

Yes ☐ No ☒ N/A ☐

Signature:

[Redacted Signature]

Name:

JOHN A RYFE

Date:

29/08/2011

A copy of this form and the accompanying plans/drawings will be made available to the public for inspection at the planning authority's offices. The planning authority will also make a copy of this form and the accompanying plans/drawings available to the public for inspection at the planning authority's offices. The planning authority will also make a copy of this form and the accompanying plans/drawings available to the public for inspection at the planning authority's offices.



GLEN GARRY ROAD FOOTWAY

100
98

100
102

104

EXISTING
AIR CONDITIONING
EXTRACTOR FANS TO BE RELOCATED

No 1
No 2

EXISTING
WOVEN TIMBER
FENCE (2m)

TIMBER
SHED

PROPOSED
METAL
STORAGE
UNIT

EXISTING
CHAINLINK
FENCE (1.05m)

PROPOSED WOVEN TIMBER FENCE SEE NOTES ON DRG NO: PHI/OAB/102/2A
2.3m HIGH TO PROVIDE SCREENING

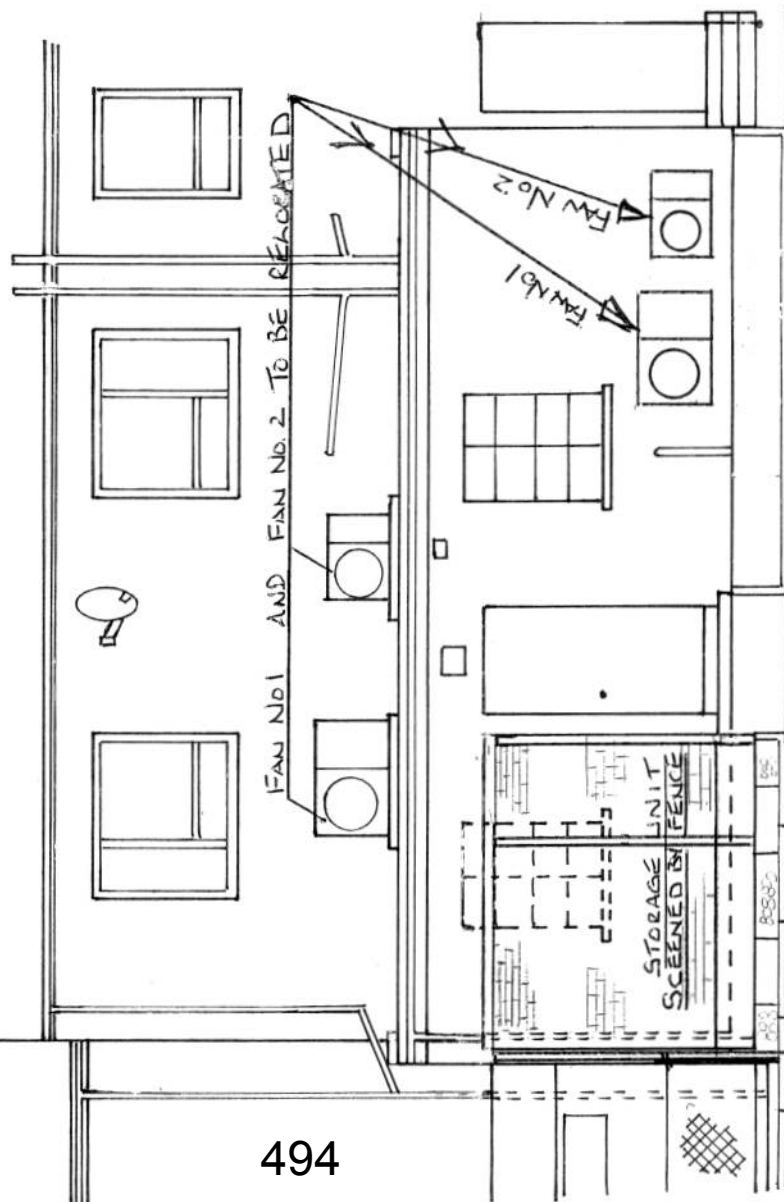
PLAN GARRY PLACE

SCALE: 1/100 0 1 2 3 4 5 (m)

PROPOSED SITING OF A METAL STORAGE UNIT, INSTALLATION OF 2ND AIR CONDITIONING EXTRACTOR FANS AND THE FORMATION OF A VEHICULAR ACCESS & HARDSTANDING AT LONGIS GENERAL STORE, 102 GLEN GARRY ROAD, PERTH. PHI OAB 29 AUG 2011 DRG NO: PHI/OAB/102/1A

Notes

1. Vehicular Access & Hard Standing
 - 4 No. 125 x 150 mm P.C. bullnose kerbs with 150mm STI concrete foundation & haunch. 40mm upstand
 - 100mm thick - PC slabs / 20mm washed gravel
 - Drainfree geotextile membrane
 - 300mm thick granular type 1 sub-base
 2. Metal Storage Unit
 - Make: CTX Containers
 - Colour: Blue
 - Size: (m) 2.95(L) x 2.45(H) x 2.55(H)
 - Foundation: 300mm thick granular type 1 sub-base
 - Photographs supplied
 3. Extractor Fan No.1
 - Make: Hubbard HRC
 - Colour: Grey
 - Size: (mm) 1060(L) x 300(W) x 690(H)
 - Base: 2 No x 600 x 600 mm P.C. slabs
 - Photographs supplied
 4. Extractor Fan No.2
 - Make: Panasonic
 - Model: R410A
 - Colour: Beige
 - Size: (mm) 780(L) x 300(W) x 550(H)
 - Base: 2 No 600 x 600 mm P.C. slabs
 - Photographs supplied
- AMENDMENTS (29 AUG 2011)
1. 2 NO FANS RELOCATED FROM EXTENSION ROOF LOWER REAR WALL
 2. WOOD STAINED WOVEN TIMBER FENCE EXTEND TO PROVIDE FURTHER SCREENING TO STORAGE UNIT



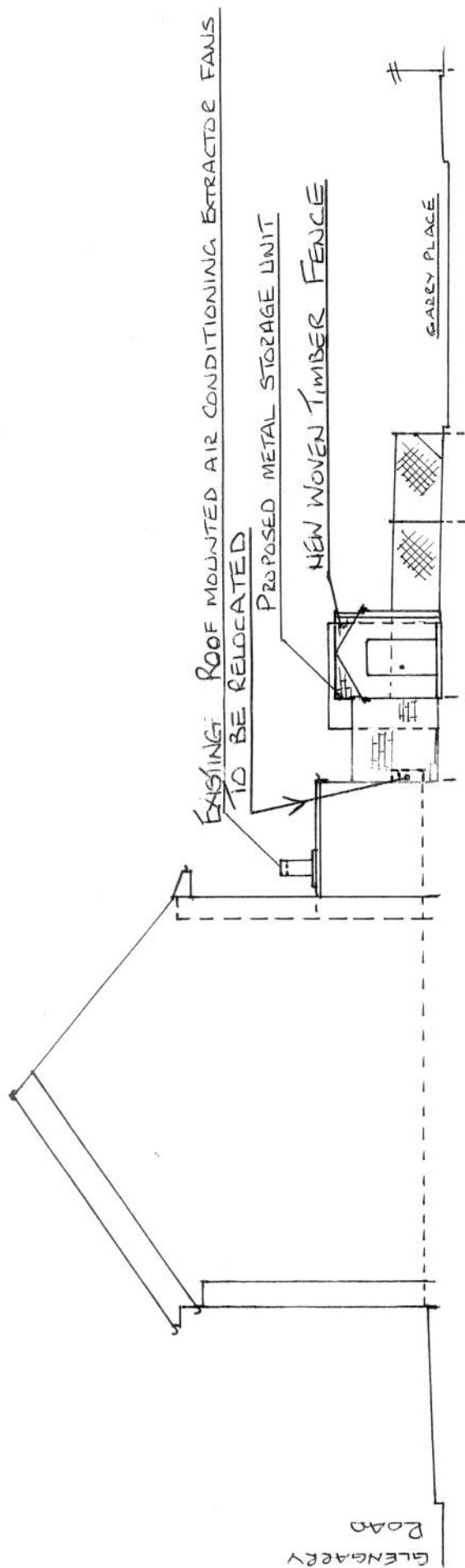
GARRY PLACE

REAR ELEVATION

SCALE: 1:150

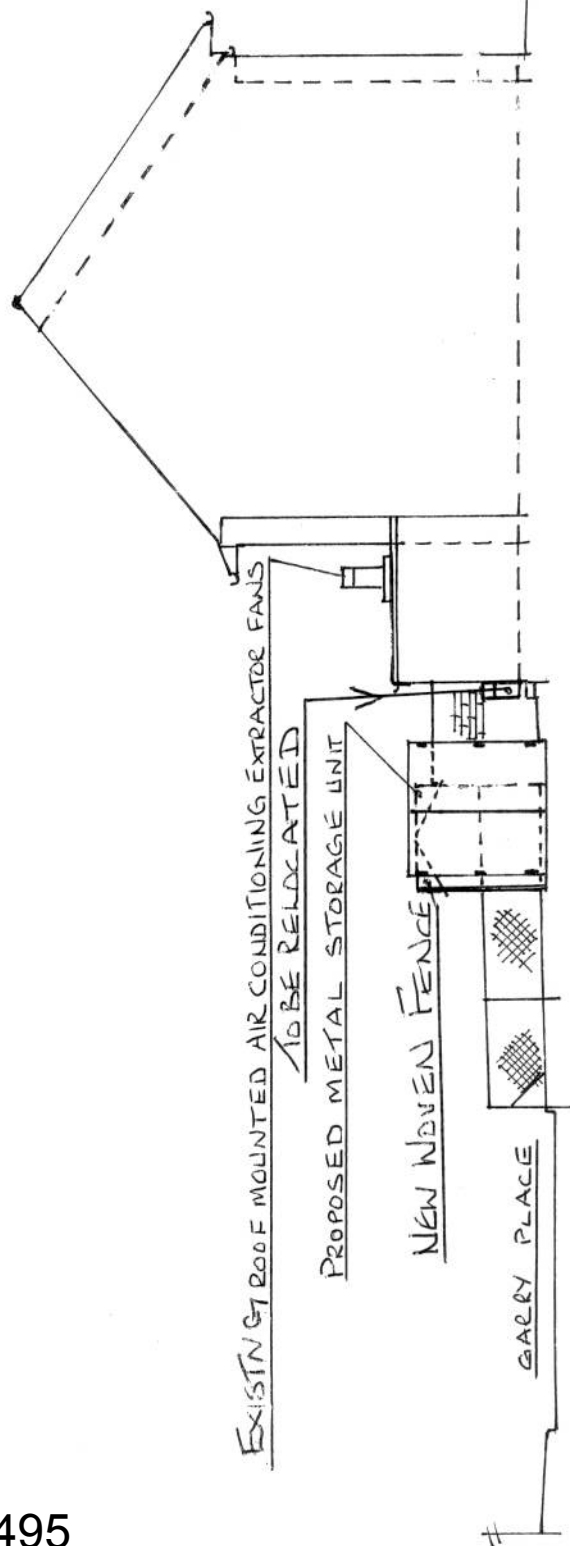
3 (m)

PROPOSED SITING OF A METAL STORAGE UNIT, INSTALLATION OF 2 NO AIR CONDITIONING EXTRACTOR FANS AND THE FORMATION OF A VEHICULAR ACCESS & HARDSTANDING AT LONDIS GENERAL STORE, 102 GLENGARRY ROAD, PERTH. PH1 OAB 29 AUG 2011 Dwg No: PH1 / OAB / 102 / 2A



NORTH ELEVATION

495



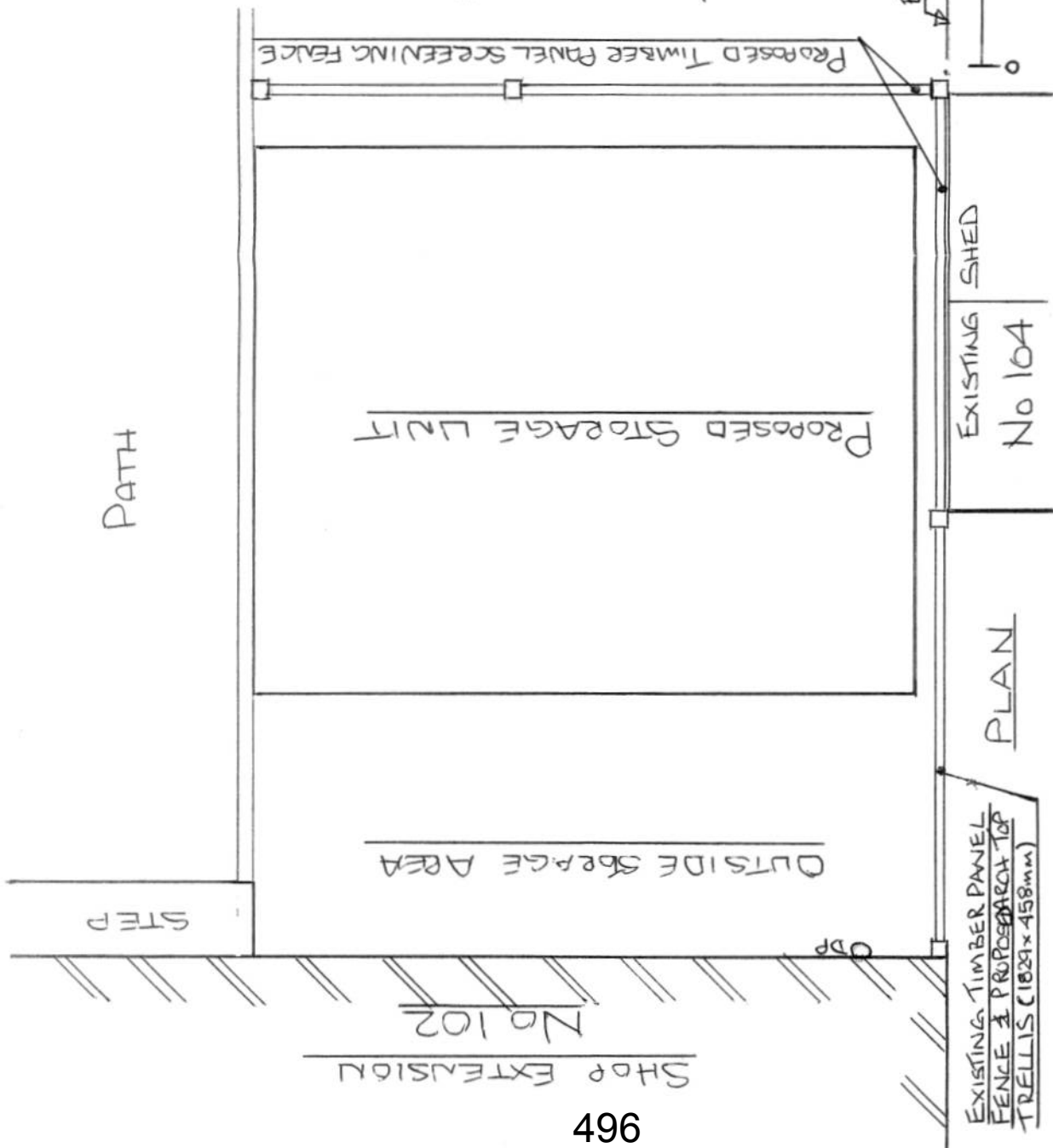
SOUTH ELEVATION

SCALE: 1/100 0 1 2 3 4 5 (m)

PROPOSED SITING OF METAL STORAGE UNIT, INSTALLATION OF 2 NO AIR CONDITIONING EXTRACTOR
FANS AND THE FORMATION OF A VEHICULAR ACCESS & HARDSTANDING AT LONDIS
GENERAL STORE, 102 GLENGARRY ROAD, PERTH, PH1 OAB 29 AUG 2010 DRG No PH1/OAB/102/3

SCREENING FENCE SPECIFICATION.

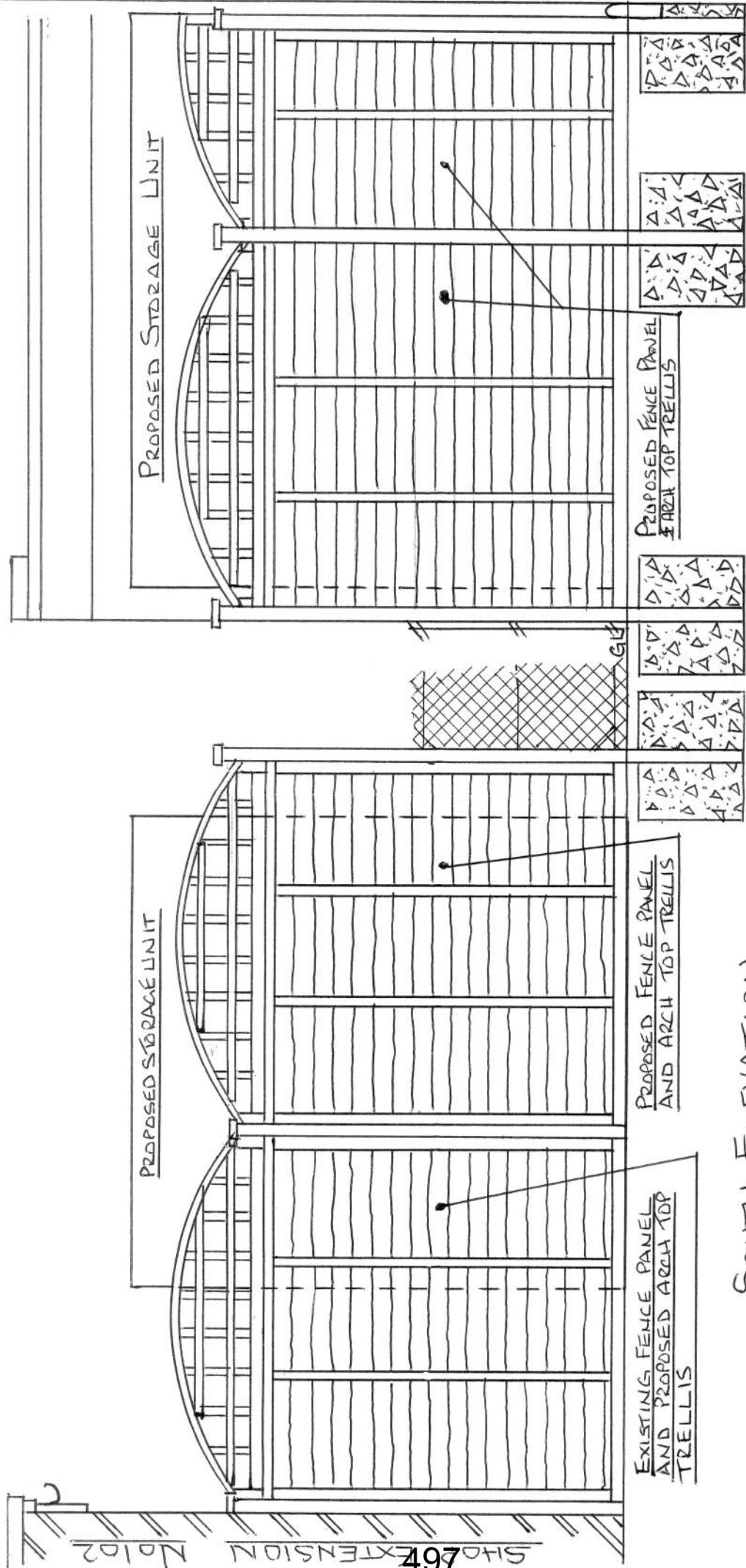
1. Traditional timber lap panel fence 1829 x 1829 mm with matching timber arch top trellis panel 1829 x 458 mm as shown in prints provided or approved similar.
2. Timber posts 75 x 75 x 2700 mm with matching post caps 98 x 98 x 25 mm as shown in prints provided or approved similar.
3. All materials supplied by Wickes and are pressure treated with preservative wood stain finish as shown in the prints provided or approved similar.
4. Overall height of fence is 2290 mm approximately or approved similar.
5. PRINTS NO 1 & NO 2 REFERS



PROPOSED SCREENING FENCE - CONSTRUCTION DETAILS

PROPOSED SITING OF A METAL STORAGE UNIT, INSTALLATION OF 2 NO AIR CONDITIONING EXTRACTOR FANS AND THE FORMATION OF A VEHICULAR ACCESS & HARDSTANDING AT LONDIS

GENERAL STORE, 102 GLENGARRY ROAD, PERTH. PH10AB 23 SEPT 2011 DRG PH10AB/102/14/1



SOUTH ELEVATION

EAST ELEVATION

SCALE: 1/200 1 2 3 (M)

PROPOSED SCREENING FENCE - CONSTRUCTION DETAILS

PROPOSED SITING OF A METAL STORAGE UNIT, INSTALLATION OF ZNO AIR CONDITIONING EXTRACTOR FANS AND THE FORMATION OF A VEHICULAR ACCESS & HARDSTANDING AT LOND IS GENERAL STORE, 102 GLENGAREY ROAD, PERTH. A110AB 23 SEPT 2011 DEGN0 PH1/OAB/102/4/12

REPORT OF HANDLING

DELEGATED REPORT

Ref No	11/01510/FLL
Ward No	N10

PROPOSAL: Temporary (5 years) siting of a metal storage unit, installation of 2 air conditioning units, formation of vehicular access and hardstanding and erection of screen fence (in part retrospect)

LOCATION: 102 Glengarry Road Perth PH2 0AB

APPLICANT: Londis General Store

RECOMMENDATION: Refuse the application

SITE INSPECTION: 13 October 2011



OFFICER'S REPORT:

Site description

This is the resubmission of a previous refusal (11/00216/FLL) for the retrospective siting temporary (5 years) of a metal storage unit, the installation of 2 air conditioning units and the formation of a vehicular access and hardstanding. This application was refused as the metal storage container was considered to be detrimental to both visual and residential amenity and the air conditioning units were poorly sited

This application refers to a retail outlet within a two storey block comprising business uses on the ground floor with flats above which fronts the east side of Glengarry Road, Perth. To the rear of the business premises are single storey flat roof additions, used for ancillary purposes, and also areas of private garden ground.

Part retrospective planning permission in full for a local development is being sought for:

The temporary (5 years) siting of a metal storage unit; the repositioning of 2 low level air conditioning units on the rear wall of the extension; the formation of vehicular access and hardstanding to the east of the site; and the installation of screen fencing to the south and east of the storage unit.

Assessment

The noisy 24/7 opening and shutting of the heavy metal container doors of the lorries delivering stock to the shop, which threatens the residential amenity of the area, could be controlled by condition.

The two air conditioning units are proposed to be repositioned from directly below the residential windows on the roof of the rear extension to the lower rear wall of the extension. Environmental Health are of the view that this repositioning is a satisfactory measure to resolve the impact on residential amenity providing a condition is included to limit the noise levels from the units.

The vehicular access and hardstanding (retrospective), to the rear of the shop premises, does not cause any issues of road safety or of traffic generation is acceptable to Transport Planning.

The use of screen fencing to conceal the metal storage unit would be unacceptable as it would not resolve the fundamental issue of the inappropriate temporary structure and indeed would have the effect of drawing attention to the fact that the structure was being screened.

The presence of a metal storage container, even with the addition of screen fencing, to the rear of this two storey block is detrimental to both the visual and residential amenity of the area with its unattractive industrial appearance in this mixed use residential area, therefore my recommendation is for refusal

DEVELOPMENT PLAN

Section 25 and 37(2) of the Town and Country Planning (Scotland) Act 1997 require that planning decisions be made in accordance with the Development Plan unless material considerations indicate otherwise.

In this case the Development Plan comprises:-

- Perth and Kinross Structure Plan (Approved 2003)
- Perth Area Local Plan 1995 Incorporating Alteration No. 1 Housing Land 2000

There determining issues in this case are whether:-

- The proposal complies with Development Plan policy;
- There are any other material considerations.

There are no issues of strategic relevance raised in this application.

Perth Area Local Plan 1995 Incorporating Alteration No. 1 Housing Land 2000

P_041 Perth Area general residential

P_041 Proposals Map B identifies areas of residential and compatible uses where existing residential amenity will be retained and where possible improved. Where sites in other uses become available for development, housing will generally be the most obvious alternative use. Some scope may exist for infill development, but only where this will not significantly affect the density, character or amenity of the area concerned. Small areas of private and public open space will be retained where they are of recreational or amenity value to their surroundings. Change of use to hotel, boarding and guest house use will be permitted normally only on the main radial routes in the city.

P_046 Perth Area Shopping

P_046 Proposals Map B identifies both major retail areas and neighbourhood shopping centres. Retail developments of more than 1000 m2 gross outwith these areas will not be in accordance with the Local Plan. An Article 4 Direction relating to retail use applies in Dunkeld Road and planning permission is required for a change of use from car showroom to shop in this area.

SITE HISTORY

11/00216/FLL Temporary (5 years) siting of a metal storage unit, installation of 2 roof mounted air conditioning units and formation of vehicular access and hardstanding (in retrospect) refused 02.05.2011

CONSULTATIONS/COMMENTS

Transport Planning	No objection.
Environmental Health	No objection subject to implementation of a condition.
Scottish Water	No objection.

TARGET DATE: 29 November 2011

REPRESENTATIONS RECEIVED:

Number Received: From 12 individual addresses.

Summary of issues raised by objectors:

- Metal storage unit is detrimental to residential amenity of the area;
- Metal storage unit is detrimental to visual amenity of the area ;
- Traffic congestion.

Response to issues raised by objectors:

- Covered in the report;
- Covered in the report;
- Covered in the report.
-

Additional Statements Received:

Environment Statement – not required.

Screening Opinion – not required.

Environmental Impact Assessment – not required.

Appropriate Assessment – not required.

Design Statement or Design and Access Statement – not required.

Report on Impact or Potential Impact e.g. Flood Risk Assessment– not required.

Legal Agreement Required:

Summary of terms – not required.

Direction by Scottish Ministers – not required.

Reason:-

- 1 The metal storage container is detrimental to both the visual and residential amenity of the immediate area, contrary to Policy 41 of the Perth Area Local Plan 1995 Incorporating Alteration No.1 Housing Land 2000.

Justification

- 1 The proposal is not in accordance with the Development Plan and there are no material reasons which justify departing from the Development Plan and approving the application.

PERTH AND KINROSS COUNCIL

Londis General Store
c/o John Fyfe
Keir Villa
14 Strathmore Street
Bridgend
Perth
PH2 7HP

Pullar House
35 Kinnoull Street
PERTH
PH1 5GD

Date 28th November 2011

TOWN AND COUNTRY PLANNING (SCOTLAND) ACT

Application Number: **11/01510/FLL**

I am directed by the Planning Authority under the Town and Country Planning (Scotland) Acts currently in force, to refuse your application registered on 29th September 2011 for permission for **Temporary (5 years) siting of a metal storage unit, installation of 2 air conditioning units, formation of vehicular access and hardstanding and erection of screen fence (in part retrospect) 102 Glengarry Road Perth PH2 0AB** for the reasons undernoted.



Development Quality Manager

Reasons for Refusal

1. The metal storage container is detrimental to both the visual and residential amenity of the immediate area, contrary to Policy 41 of the Perth Area Local Plan 1995 Incorporating Alteration No.1 Housing Land 2000.

Justification

1. The proposal is not in accordance with the Development Plan and there are no material reasons which justify departing from the Development Plan

Notes

The plans relating to this decision are listed below and are displayed on Perth and Kinross Council's website at www.pkc.gov.uk "Online Planning Applications" page

Plan Reference

11/01510/1

11/01510/2

11/01510/3

11/01510/4

11/01510/5

11/01510/6

11/01510/7

11/01510/8

11/01510/9

PERTH AND KINROSS COUNCIL

Mr Qiang Hou
David Soppit Associates
The Cottage
Byres Of Airleywright
Bankfoot
PH1 4AU

Pullar House
35 Kinnoull Street
PERTH
PH1 5GD

Date 4 March 2011

Town and Country Planning (Scotland) Acts.

Application Number **10/01097/FLL**

I am directed by the Planning Authority under the Town and Country Planning (Scotland) Acts currently in force, to grant your application registered on 15th October 2010 for planning permission for Installation of extract ventilation flue and storage container to rear of 92 Glengarry Road Perth PH2 0AB subject to the undernoted conditions.

Development Quality Manager

Conditions Referred to Above

1. The proposed development must be carried out in accordance with the approved plans, unless otherwise provided for by conditions imposed on the planning consent.
2. An effective ventilation system commensurate with the nature and scale of cooking to be undertaken shall be installed, operated and maintained such that cooking odours from the development are not exhausted into or escape into any neighbouring/nearby dwellings.
3. All plant or equipment including any ventilation system associated with the operation of commercial areas shall be so enclosed attenuated and/or maintained such that any noise shall not exceed Noise Rating 35 between 0700 hours and 2300 hours daily, or Noise Rating 20 between 2300 hours and 0700hours daily within any neighbouring residential premises, to the satisfaction of the Planning Authority.
4. The steel storage container and canopy are not approved as part of this consent and shall be removed from site and the land shall be reinstated to its former condition within a period of three calendar months from the date hereof, to the satisfaction of the Planning Authority.
5. The external flue shall be painted or treated, in a manner to be agreed beforehand with the Planning Authority, within a period of two calendar months from the date hereof.

Reasons for Conditions

1. To ensure that the development is carried out in accordance with the plans approved.
- 2-3 In order to safeguard the residential amenity of the area.

- 4-5 In the interests of visual amenity; to ensure a satisfactory standard of local environmental quality.

Justification

- 1 The application is in accordance with the Development Plan and there are no material considerations to justify a departure.

Notes

- 1 Failure to remove the container and canopy by the specified date may result in formal enforcement action by the Planning Authority.

The plans relating to this decision are listed below and are displayed on Perth and Kinross Council's website at www.pkc.gov.uk "Online Planning Applications" page

Plan Reference

10/01097/1

10/01097/2

10/01097/3

john.fyfe1

NO ANSWER TO THIS ONE

From: John Fyfe [REDACTED]

Sent: 20 June 2011 15:09

To: [REDACTED]

Cc: [REDACTED]

Subject: Planning Application Reference No 11/00216/FLL at 102 Glengarry Road, Perth

Dear Mr Beveridge

I refer to my recent telephone conversation regarding the submission of an amended planning application relating to the above.

From our telephone conversation I understand that if the 2 No extraction fans are relocated low down on the rear wall of the existing shop extension and the temporary storage unit is suitably screened with a woven timber fence then you would be prepared to recommend approval of an amended application.

Written confirmation on this matter would be appreciated in order to allow me to proceed with an amend application.

I look forward to your early reply.

Regards

John Fyfe

20/02/2012

john.fyfe1

From: John Fyfe [REDACTED]
Sent: 26 July 2011 17:47
To: wowilson@pkc.gov.uk
Cc: [REDACTED]
Subject: Planning Application Ref No 11/00216/FLL - Londis Shop, 102 Glengarry Road, Perth
Importance: Low

Dear Councilor Wilson,

I write to enquire if you have been able to contact Nick Brian, following his return from holiday, regarding the many storage units sited by the Council on Council land in residential areas. It appears that this practice is permitted by the Council, apparently on a permanent basis, at numerous locations about Perth City but not at a small local shop even on a temporary basis.

In the circumstances, I should be glad to learn from Nick Brian why this is and if planning would reconsider its decision regarding the temporary siting of the small storage unit at the above location subject to suitable screening.

In order to assist you and Nick Brian I have attached a few photographs of similar and larger storage units at various locations throughout the city.

With regards the 2 No extraction it has been agreed with Environment Services to remove the units from the roof and relocate them low down on the rear wall of the shop extension in order to resolve this matter. Also I understand that the formation of the vehicular access is not an issue.

This matter has been dragging on for a number of months now and I would therefore appreciate an early response.

Once again I thank you for your assistance in this matter.

Regards

John A Fyfe

20/02/2012

To Mr Fyfe

Keir Villa
14 Strathmore Street
Perth
PH2 7HP

Siting of temporary storage unit and positioning of air conditioning unit at
106 Glengarry Road Perth

I refer to your application concerning the above application, which was refused planning permission.

I understand that you have had recent discussions with the Council's Enforcement Officer over the potential for a solution to be found which would involve the effective screening of the storage unit and it being sited for a limited period. With regards to the roof mounted air conditioning units, Environmental Health have indicated that they may be acceptable if their positioning was adjusted to avoid a disturbance to adjoining residential property.

Under the above circumstances a revised application could be lodged which may be more acceptable.

In terms of the siting of temporary storage units by Perth & Kinross Council, these do not normally require planning permission and therefore are not the subject of a formal application. In addition, they are invariably functional to serve a specific operation of the Council which dictates the positions..

I trust that these comments clarify the position for you and give you a way forward to progress your proposal.

REPLY FROM MR MICK BRIAN.
22/08/2011. BY E-MAIL

John Fyfe <john.fyfe1@sky.com>

Londis Shop, 102 Glengarry Road, Perth PH2 0AB

1 message

John Fyfe

Fri, Sep 16, 2011 at 2:21 PM

To

Cc: Councillor Willie Wilson <wowilson@pkc.gov.uk>, Ray Short

Dear Mr Brian

With regards to my amended planning application at the above location I have been asked to provide construction details of the proposed screening fence with regards to type, height and finish.

It is proposed to screen the small unit on the south and east faces with a traditional timber lap panel fence 1.83m high with 100mm square timber posts as per the attached photograph.

However, if this is not considered high enough then a matching arched top trellis panel 1830mm x 450mm high could be added on top as per attached photograph which would bring the overall height of 2.28m. The finish would be the pressure treated wood preservative stain as supplied and shown in the photographs provided.

I should be obliged if you would forward this e-mail to the appropriate planning officer for his consideration, advice and guidance in an effort to meet the planning authority requirements.

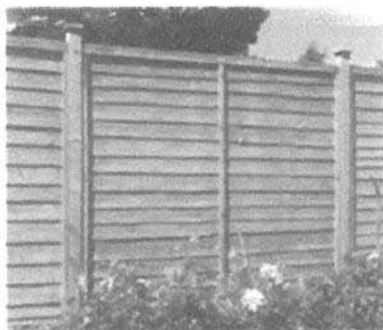
Any assistance with regards to this matter would be much appreciated and I am looking forward to receiving an early response.

Yours sincerely

John A Fyfe

Enclosures 2 No.

2 attachments



Traditional Lap Fence Panel.jpg
888K



Trellis-Arch-Top_large.jpg
33K

Gillian Peebles 475330

John Fyfe <john.fyfe1@sky.com>

Re: Londis Shop, 102 Glengarry Road, Perth PH2 0AB

1 message

John Fyfe

Wed, Sep 28, 2011 at 5:48 PM

To: Gillian Peebles

Cc: Councillor Willie Wilson <wowilson@pkc.gov.uk>

Dear Ms Peebles

Firstly, thank you for your response.

Unfortunately, someone has totally missed the point of my e-mail. It was not sent in an attempt to get the planning application verified but purely to get guidance on the type, finish and height of fence that would be acceptable to the planning authority as a screening fence to assist me in preparing the additional plans requested. The 21 days to submit the information required by the verifying officer was up today and I have had to submit the said plans together with the fan brochures requested today without any guidance or assistance from the planning authority in the absence of a timely and satisfactory reply to my e-mail.

Anyway, I hope that the additional information I have provided is sufficient and fits the purpose and allows the application to be verified and formally progress.

Yours sincerely

John A Fyfe

On Wed, Sep 28, 2011 at 3:12 PM, Gillian Peebles wrote:

Dear Mr Fyfe

I refer to your email below and attached photographs of the proposed fence. Although photographs are helpful, they are not sufficient to allow the application to progress. As the fence forms an important part of this application, the applicant must submit to the Planning Authority scaled, detailed drawings to show the fence in which is proposed in order for the Planning Officer to assess the proposal, as per my letter dated 6 September 2011. Additionally, point 1 of my letter also requires to be addressed.

Please refer to Perth and Kinross Council's public access page where you can view planning applications. There are various applications for fences which show the level of detail required. To assist you I have provided 2 reference numbers below. The web address is http://193.63.61.22/publicaccess/tdc/DcApplication/application_searchform.aspx

11/00953/FLL

11/00648/FLL

If you require any further assistance please do not hesitate to contact me.

Yours sincerely

Gillian Peebles

Technician - Planning and Regeneration

Perth and Kinross Council

The Environment Service

Pullar House

35 Kinnoull Street


PERTH

PH1 5GD

[REDACTED]

[REDACTED]

Website: www.pkc.gov.uk

 please don't print this e-mail unless you really need to

From: Nick Brian
Sent: 28 September 2011 14:55
To: Keith Stirton; Gillian Peebles
Subject: FW: Londis Shop, 102 Glengarry Road, Perth PH2 0AB

Not sure who is dealing with this invalid?

From: John Fyfe [REDACTED]
Sent: 16 September 2011 14:21
To: Nick Brian
Cc: Councillor Willie Wilson; Ray Short; [REDACTED]
Subject: Londis Shop, 102 Glengarry Road, Perth PH2 0AB

Dear Mr Brian

With regards to my amended planning application at the above location I have been asked to provide construction details of the proposed screening fence with regards to type, height and finish.

It is proposed to screen the small unit on the south and east faces with a traditional timber lap panel fence 1.83m high with 100mm square timber posts as per the attached photograph.

However, if this is not considered high enough then a matching arched top trellis panel 1830mm x 450mm high could be added on top as per attached photograph which would bring the overall height of 2.28m. The finish would be the pressure treated wood preservative stain as supplied and shown in the photographs provided.

I should be obliged if you would forward this e-mail to the appropriate planning officer for his consideration, advice and guidance in an effort to meet the planning authority requirements.

Any assistance with regards to this matter would be much appreciated and I am looking forward to receiving an early response.

Yours sincerely

[REDACTED]

John A Fyfe

Enclosures 2 No.

Securing the future... - Improving services - Enhancing quality of life - Making best use of public resources.

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General enquiries to Perth & Kinross Council should be made to enquiries@pkc.gov.uk or 01738 475000.

General enquiries to Live Active Leisure Limited should be made to Leisure@liveactive.co.uk or 01738 492440.

General enquiries to TACTRAN should be made to info@tactran.gov.uk or 01738 475775.

Securing the future... - Improving services - Enhancing quality of life - Making best use of public resources.

Development Quality Manager, Planning
Perth & Kinross Council
Pullar House
35 Kinnoull Street
Perth
PH1 5GD

Mr Gary Casson
c/o John Fyfe
Keir Villa
14 Strathmore St
Bridgend
Perth
PH2 7HP

12 December 2011

Dear Mr Brian

Town and Country Planning (Scotland) Act, 1997 as amended by Planning etc (Scotland) Act 2006

Application Number 11/01510/FFL:

Temporary (5 years) siting of a small portable metal storage unit, installation of 2 air conditioning extractor fans (in retrospect) and formation of vehicular access and hardstanding and erection of screen fence (in part Retrospect) at 102 Glengarry Road, Perth PH2 0AB

Previous Application No 11/00216/FLL Refers

I refer to previous correspondence and to the refusal of the above planning applications.

Following consultation with relative parties prior to submitting the revised application I am somewhat surprised and bemused to why the application was the subject of a blanket refusal taking into consideration your advice to lodge a revised application.

While the small metal storage unit, even with screening, appears to be a contentious issue for planning, I am at a loss why the repositioned extractor fans and the formation the vehicular access element have been refused, particularly since Transport Planning and Environmental Health had no objections to these proposals. Surely these proposals should have been approved with conditions where appropriate even with the contentious refusal of the storage unit.

I understand the similar application ref No 10/01097/FF1 dated 4 March 2011, to the rear of 92 Glengarry Road, Perth had the more intrusive tall extract ventilation system conditionally approved even although the siting of a small storage forming part of the same application was refused. Why was my client's application not treated in the same way? This is another double standard by the planning authority which is a waste of all concerned time and at a financial cost my client.

With regards to the siting of the small storage unit and reflecting back to you previous letter, I fully appreciate that the Council do not normally require planning permission to site their many temporary units, identified earlier, but the fact that they are all located in

residential areas and open public spaces is surely detrimental to both the visual and residential amenity of the immediate areas and therefore must also be contrary to the Perth Area Local Plan. Similarly my client's unit, like the councils units, is functional to serve a specific operation of his community shop which dictates its position.

Furthermore, why are small commercial businesses in Garry Place being targeted for compliance when, in addition to the Council, many other private commercial businesses throughout Perth and the Perth and Kinross area are not? Like the unit at the ambulance depot, Hillend Road, Car Radio Services, Crieff Road and the worst offender is Sidey Glaziers at 57 Feus Road, Perth with approximately 20 large containers in close proximity to the rear of terraced flats in Feus Road, and all adjacent to residential properties and in view of busy public roads?

In view of the above, you can surely understand why my client is aggrieved at the blanket refusal when so many double standards are adopted by the Council regarding similar matters.

With the regards to the many double standards adopted by the Council the Planning Authority need to clarify their position regarding these matters and give clear and positive guidance to the way forward to finally obtaining planning approval for at least the 2 No fans and the vehicular access following the most recent unnecessary blanket refusal.

Hopefully, I can look forward to an early reply.

Yours sincerely

John A Fyfe

(Agent for Gary Casson)

cc Councillor Willie

cc Gary Casson

.

John Fyfe <john.fyfe1@sky.com>

Fwd: Planning Application Ref No. 11/01510 Refusal dated 28 November 2011

1 message

John Fyfe

Mon, Jan 9, 2012 at 12:13 PM

To:

Cc: Councillor Willie Wilson <wowilson@pkc.gov.uk>

Dear Mr Brian

Are you in a position to reply to my letter dated 12 Dec 2011?

Regards

John A F

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

From: John Fyfe

Date: Mon, Dec 12, 2011 at 12:25 PM

Subject: Planning Application Ref No. 11/01510 Refusal dated 28 November 2011

To:

Cc: Councillor Willie Wilson <wowilson@pkc.gov.uk>

Dear Mr Brian

Please find the attached letter dated 12 December 2011 regarding the above for your attention.

Regards

John Fyfe



Letter dated 12 Dec 2011 re 11-01510-FFL.doc

27K

John Fyfe <john.fyfe1@sky.com>

RE: Planning Application Ref No. 11/01510 Refusal dated 28 November 2011

1 message

Nick Brian

Wed, Jan 11, 2012 at 10:45 AM

To: John Fyfe

Cc: Ray Short, Councillor Willie Wilson <WOWilson@pkc.gov.uk>

Dear Mr Fyfe

A difficulty raised by the resubmission of your proposals under a single application ref. 11/01510/FL was that the decision had to be taken on the overall merits of all parts of the proposals. Whilst no objections were raised against the extractor fans and the vehicular access by consultees, nevertheless, as the siting of the temporary unit was a significant element to the application, then it was not possible to exclude that element from a decision by a condition, to enable the remainder to be approved.

Had the proposals been subject to 2 separate applications then clearly separate decisions could have been taken. It is open to you now to lodge a request for a Review of the decision to the Local Review Body but in the event that the outcome of that Review was to endorse the decision to refuse then you should consider the lodging of an application for the access and extractor units only.

In terms of the consistency of this Council in dealing with proposals for temporary storage units, clearly where they do not require consent then this Council as Planning Authority would have no remit. However, where cases of alleged breach of planning control are brought to our attention then they will be considered for investigation.

I trust that this clarifies the position for you.

Nick Brian

Development Quality Manager

Planning & Regeneration

Perth & Kinross Council

Pullar House

35 Kinnoull Street

Perth

PH1 5GD



From: John Fyfe [mailto:]
Sent: 09 January 2012 12:14
To: Nick Brian
Cc: Councillor Willie Wilson; John Fyfe
Subject: Fwd: Planning Application Ref No. 11/01510 Refusal dated 28 November 2011

Dear Mr Brian

Are you in a position to reply to my letter dated 12 Dec 2011?

Regards

John A F

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

From: John Fyfe
Date: Mon, Dec 12, 2011 at 12:25 PM
Subject: Planning Application Ref No. 11/01510 Refusal dated 28 November 2011
To:
Cc: Councillor Willie Wilson <wowilson@pkc.gov.uk>, John Fyfe

Dear Mr Brian

Please find the attached letter dated 12 December 2011 regarding the above for your attention.

Regards

John Fyfe

Securing the future... - Improving services - Enhancing quality of life - Making best use of public resources.

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General enquiries to Perth & Kinross Council should be made to enquiries@pkc.gov.uk or 01738 475000.

General enquiries to Live Active Leisure Limited should be made to Leisure@liveactive.co.uk or 01738 492440.

General enquiries to TACTRAN should be made to info@tactran.gov.uk or 01738 475775.

Securing the future... - Improving services - Enhancing quality of life - Making best use of public resources.

John Fyfe <john.fyfe1@sky.com>

Re: Planning Application Ref No. 11/01510 Refusal dated 28 November 2011

1 message

John Fyfe

Tue, Jan 17, 2012 at 9:05 PM

To: Nick Brian

Cc: Councillor Willie Wilson <wowilson@pkc.gov.uk>, John Fyfe

Dear Mr Brian

No REPLY TO DATE

Thank you for your reply but you have not included comments regarding the following 2 paragraphs of my letter dated 12 January 2012:

"I understand the similar application ref No 10/01097/FFL dated 4 March 2011, to the rear of 92 Glengarry Road, Perth had the more intrusive tall extract ventilation system conditionally approved even although the siting of a small storage forming part of the same application was conditionall refused. Why was my client's application not treated in the same way? This is another double standard by the planning authority which is a waste of all concerned time and at a financial cost my client. "

and

With regards to the siting of the small storage unit and reflecting back to you previous letter, I fully appreciate that the Council do not normally require planning permission to site their many temporary/permanent units, identified earlier, but the fact that they are all located in residential areas and open public spaces is surely detrimental to both the visual and residential amenity of the immediate areas and therefore must also be contrary to the Perth Area Local Plan.

In the circumstances I would welcome your comments on the above two specific paragrghs.

Regards

John A Fyfe

On Wed, Jan 11, 2012 at 10:45 AM, Nick Brian <NBrian@pkc.gov.uk> wrote:

Dear Mr Fyfe

A difficulty raised by the resubmission of your proposals under a single application ref. 11/01510/FL was that the decision had to be taken on the overall merits of all parts of the proposals. Whilst no objections were raised against the extractor fans and the vehicular access by consultees, nevertheless, as the siting of the temporary unit was a significant element to the application, then it was not possible to exclude that element from a decision by a condition, to enable the remainder to be approved.

Had the proposals been subject to 2 separate applications then clearly separate decisions could have been taken. It is open to you now to lodge a request for a Review of the decision to the Local Review Body but in the event that the outcome of that Review was to endorse the decision to refuse then you should consider the lodging of an application for the access and extractor units only.

In terms of the consistency of this Council in dealing with proposals for temporary storage units, clearly where they do not require consent then this Council as Planning Authority would have no remit. However, where cases of alleged breach of planning control are brought to our attention then they will be considered for investigation.

I trust that this clarifies the position for you.

Nick Brian

Development Quality Manager

Planning & Regeneration

Perth & Kinross Council

Pullar House

35 Kinnoull Street

Perth

PH1 5GD



From: John Fyfe [REDACTED]

Sent: 09 January 2012 12:14

To: Nick Brian

Cc: Councillor Willie Wilson; [REDACTED] John Fyfe

Subject: Fwd: Planning Application Ref No. 11/01510 Refusal dated 28 November 2011

Dear Mr Brian

Are you in a position to reply to my letter dated 12 Dec 2011?

Regards

John A F

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

From: **John Fyfe** <[REDACTED]>
Date: Mon, Dec 12, 2011 at 12:25 PM
Subject: Planning Application Ref No. 11/01510 Refusal dated 28 November 2011
To: [REDACTED]
Cc: Councillor Willie Wilson <wowilson@pkc.gov.uk>, [REDACTED] John Fyfe [REDACTED]

Dear Mr Brian

Please find the attached letter dated 12 December 2011 regarding the above for your attention.

Regards

John Fyfe

Securing the future... - Improving services - Enhancing quality of life - Making best use of public resources.

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General enquiries to Perth & Kinross Council should be made to enquiries@pkc.gov.uk or 01738 475000.

General enquiries to Live Active Leisure Limited should be made to Leisure@liveactive.co.uk or 01738 492440.

General enquiries to TACTRAN should be made to info@tactran.gov.uk or 01738 475775.

Securing the future... - Improving services - Enhancing quality of life - Making best use of public resources.



Photo of Container without screen fencing



GROVER ST, PERTH - COUNCIL OFFICES, GROVER ST WOC. ①



COUNCIL OFFICES, GROVER ST PERTH. - LOCATION 2



COUNCIL OFFICES, GLOVER ST, PERTH - LOCATION 1



PUBLIC OPEN SPACE, BUTE DR, PERTH



PERTH GRAMMAR SCHOOL, RUTE DRIVE, PERTH



PERTH GRAMMAR SCHOOL, HOWANSTERR, PERTH



PUBLIC OPEN SPACE, NEWHOUSE RD, LOCATION 2



PUBLIC OPEN SPACE, NEWHOUSE RD, PERTH LOCATION 2



PUBLIC OPEN SPACE, NEWHOUSE RD, PERTH - LOCATION 1



PUBLIC OPEN SPACE; BUTE DR, PERTH



AK BELL LIBRARY - SEEN FROM YORK PLACE,
NEW ROW AND KINNELL CAUSEWAY



NHS Ambulance Dept, Hillend Road, Perth



MATALAN STORE - CHARLES ST PERTH



57 FEUS RD - SEEN FROM FEUS ROAD & CRIEFF ROAD



CAR RADIO SERVICES - CREEFF RD, FEUS ROAD
& FAIRFIELD AVENUE. 539



PHOTOS OF BALHOUSIE PRIMARY SCHOOL - SEEN
FROM DUNKELD RD BRIDGEST & MURTON PL



TULLOCH PRIMARY SCHOOL - SEEN FROM
PRIMROSE CRESCENT

Linda Al-Ibrahimi

From: planning@pkc.gov.uk
Sent: 03 October 2011 14:42
To: TES Planning - Generic Email Account; Alasdair Beveridge
Subject: PublicAccess for Planning - Application Comments (11/01510/FLL)

PublicAccess for Planning - Application Comments (11/01510/FLL)

"Jamie Stirton" has used the PublicAccess for Planning website to submit their comments on a Planning Application. You have received this message because you are the Case Officer for this application or because this is a designated mailbox for PublicAccess comments submissions.

Comments were submitted at 03/10/2011 14:42:00 from IP 161.12.7.4.

Application Summary

Application Number:
11/01510/FLL

Address:
102 Glengarry Road
Perth
PH2 0AB

Proposal:

Temporary (5 years) siting of a metal storage unit, installation of 2 air conditioning units, formation of vehicular access and hardstanding and erection of screen fence (in part retrospect)

Case Officer:
Alasdair Beveridge

Customer Details

Name:
Jamie Stirton

Address:
17 Vasart Court
Perth

Postcode:
PH1 5QZ

Email:
[REDACTED]

Phone Number:
[REDACTED]

Comments

Submission Type:
Customer objects to the Planning Application.

Comments:

I am actually quite shocked to see this application as to my mind, with the exception of a few lines it is exactly the same as a previous application which was already objected to by various interested parties in the area and the raiser had in fact had notice served to remove the container in question and move the extraction fans from the roof to a ground position. Surely any such reapplication / appeal should be handled through an appeals process within a given time frame? And not be merely sitting back, letting the time given run out then creating another application??? The plan to 'shield' the monstrosity is outrageous as it will only make the behemoth of a container bigger. I'm quite sure if this was a shed or a garage being applied for no-

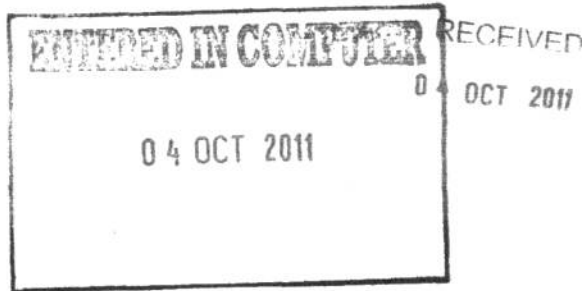
one would bat an eyelid however due to the fact it resembles something from a cargo ship it is very much out of character with the area and causes an extreme amount of noise just simply being opened. Also the fact another local shop is complying with the notice to remove surely now sets precedence???? Quite frankly the person applying has been given more than enough time to do what was requested and since this has now continually been given more and more - what is an enforcement notice that doesn't actually enforce anything??? What support do people actually have when everything is done to aid shops do whatever they want???? On your page it states not complying with a notice is an offence? Surely by waiting till notice has lapsed then reapplying means this in itself is an offence????

PublicAccess for Planning. (c) CAPS Solutions Ltd.

Development Quality Manager
Planning Service
Pullar House
35 Kinnoull Street
Perth.
PH1 5GD.

03/10/2011

Dear Sir,



Planning application 11/01510/FLL –Londis 102 Glengarry Road, Perth.

With reference to the above planning application, I wish to once again object to this 2nd planning application for the above shop, on the points noted below:

1. Temporary (5 Years) siting of a metal storage unit. (in retrospect).
Erection of screen fence.

This blue industrial site container appeared one day over two years ago, with no warning or asking near neighbours if we would mind it being placed there. Temporary (5 years) seems to be more permanent than temporary. The owner has already had it there for more than two years already.

It has been placed in a position as such that it is blocking any access I have to the back of my garden shed, which I have Council permission for. I have been unable to creosote my garden shed for the last two years because of this problem.

The container also blocks my view, which I used to have, of my rented garage further down the lane in Garry Place.

This container, which is constructed from heavy duty metal, when opened constantly in the early hours of the morning (seven mornings a week) is noisy and disturbs near residents out of their sleep.

There has also been considerable noise coming from delivery lorries, in the morning, when they are delivering stock to the blue container for the Londis.

The bus stop immediately outside the Londis is constantly blocked with either delivery lorries or customers cars, (using the shop), which makes it very hard for the local buses to stop in the bus bay and causes constant congestion of traffic round the shop area and potential dangers for local school children and residents.

The visual appearance of the container, with graffiti on it, is an eyesore and is more suited to an industrial site and totally out of character for a residential garden area, which Garry Place is meant to be.

The back of the shops in Garry place has slowly deteriorated over the years, due to the once lovely green gardens being turned into drive-ins for cars and also 2 shops dumping blue construction containers at the back of them, if and when they please, to suit their needs, and not the needs of the residents around the area and all without planning permission.

This shop already has a storage area built into the back of the shop, so the said blue storage container is being used to house extra stock for the owner's other Londis shop at Bridgend.

I have looked at the plans for screening of the blue container and from what I can view we will still be able to see the blue container, even with the screening erected. The screening will make this monstrosity look even bigger and will block out even more of our view.

2. Installation of 2 roof mounted air conditioning units (in retrospect)

The two air conditioning units have already been there for a number of years.

The air conditioning units are very, very noisy, especially late evening, during the night and early morning. We hear the constant drone/hum of them and it causes us to wake and keeps us awake during the night. It is causing health problems with sleep deprivation as the noise never switches off.

I have already spent £400 on noise proofing in my bedroom to try to block out the constant hum/drone from the fridges that we hear backed onto my two bedroom walls (from the shop) but to no avail as we still can hear them during the night. I have also spent money on replacing some of my double glazing window units in most of my windows in the hope that this would deaden some of the noise out.

We have to keep our windows shut at night and even then we can still hear the hum/drone. Summer months are worse with having to keep windows opened for fresh air, as the fans are even noisier then.

I have no objection to two NEW replacement quieter fans being located elsewhere to the other side of the shop building and down at ground level and away from resident's bedroom windows. New fans could possibly be quieter at ground level away from bedroom windows.

We have commented to the owner about the fans and fridges numerous times, but as yet nothing has been done about our comments.

3. Formation of vehicular access and hardstanding

This access is already half being used for parking of vehicles, bins, etc.

Hardstanding? Does this mean concrete to place the blue container on and make it more of a permanent fixture?

When I bought my flat from the Council I was informed that the garden grass areas must remain mutual to my upstairs neighbours, for access and to be shared. Does this not apply the same for all the gardens along the back of the shops, which were all previously used for clothes drying greens?

Yours sincerely,

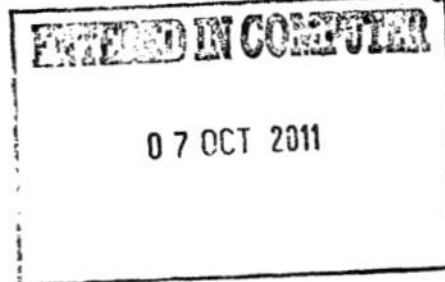
Maria Stirton



Development Quality Manager
Planning Service
Pullar House
35 Kinnoull Street
Perth.
PH1 5GD.

04/10/2011

Dear Sir,



Planning Application 11/01510/FLL –Londis 102 Glengarry Road, Perth.

The big blue metal container situated at the back of the Londis shop, next to my home, has been sitting there for more than two years, without local planning consent. It makes Garry Place look very unattractive and is unsightly to the eye. What you would call an eyesore.

Screening the blue metal container will not hide the fact that it will still be seen by residents, especially the residents who live above the shops and across from the back of the shops, upstairs owners/tenants.

It will still be heard by tenants being opened early in the morning constantly, for taking stock out of it, causing noise nuisance. There are bedroom windows in the near vicinity, with hard working residents hoping to enjoy a bit of peace and quiet on their days off or at the weekends.

The two roof mounted air conditioning fans are noisy 24/7 and can be heard in my home back bedroom and bathroom, causing a continual noise nuisance. The fans are causing sleepless nights, due to the continual hum/drone from them.

The fans should not be allowed to be installed in the vicinity of residents' bedroom windows

I object to this planning application.

Yours sincerely

Miss M Kennedy

104 Glengarry Road

Perth

PH2 0AB.

Nick Brian
Development Quality Manager
Planning Service
Pullar House
35 Kinnoull Street
Perth.
PH1 5GD.

1102 130 61

17/10/2011

19 OCT 2011

Dear Sir,

Planning application 11/01510/FLL -Londis 102 Glengarry Road, Perth. (Shop is now known as Costcutters).

With reference to the above planning application, I wish to object to this 2nd planning application in the strongest possible terms. Indeed I find it absolutely and totally unacceptable that after two and a half years of prevarication and a lack of decision making by the planning department we are once again back on the first rung of the ladder!

Blue Container.

The first application (11/00216FLL) was refused by Council Officers in a report dated 2nd May 2011. The reason for refusal was that "the container was detrimental to both the visual and residential amenity of the area". So what has changed since then? Screening this container will not solve the problem. It will still be seen above the screening and will be much larger and will still be noisy when opened continually in the early hours of the morning when shifting/delivering stock.

This big blue heavy metal industrial site container was virtually dumped one day over two and a half years ago, without planning permission. There were also 2 other containers present at this time, but one has since been removed (Artspace), with the other one at the back of the Red Cap chip shop in the process of being removed and replaced with a proper garden type shed for storage, after Council intervention.

This container, which is constructed from heavy duty metal, when opened constantly in the early hours of the morning (seven mornings a week) is noisy and disturbs near residents out of their sleep.

The visual appearance of the container, with graffiti on it, is a total eyesore and is more suited to an industrial/building site and totally out of character for a residential garden area, which Garry Place is meant to be.

This shop already has an ancillary storage area built into the back of the shop, so the said blue storage container is being used to house extra stock for the owner's other Londis shop at Bridgend. Why does the owner not rent a storage container in the Shore Road, like all other sensible businesses? This would then free up the daily congestion of delivery lorries in and around Glengarry Road/Garry Place.

On Friday 14th October a Nisa delivery lorry parked in Garry Place and blocked the out entrance from Garry Place, for over half an hour. It was delivering stock to the blue container. I observed this for myself and have photographic evidence to back this up.

The bus bays in Glengarry Road are being continually blocked by delivery lorries who park in them, which causes the buses to park out of their designated parking bays, causing traffic congestion at the shop area. Photographic evidence available.

Air Conditioning Units.

The two air conditioning units have already been there for a number of years.

The air conditioning units are very, very noisy, especially late evening, during the night and early morning. We hear the constant drone/hum of them and it causes us to wake and keeps us awake during the night. It is causing health problems with sleep deprivation as the noise never switches off.

We have to keep our windows shut at night and even then we can still hear the hum/drone. Summer months are worse with having to keep windows opened for fresh air, as the fans are even noisier then.

I have commented to the owner about the fans and fridges numerous times, but as yet nothing has been done about my comments.

Formation of vehicular access and hardstanding

This access is rarely used for parking a vehicle as the shop owner prefers to park in the upstairs neighbour's strip of garden, next to his. The shop owners' own bit of land is obviously not big enough (with the amount of room the blue container takes up) to park a vehicle on it. Refer to delegated report Ref No 11/00216/FLL. Site inspection photos date 03/03/2011. Van parked on upstairs neighbours back garden area.

Residents live here 24/7 and I am sure that the Applicant/Owner of the shop would not tolerate a similar situation at his abode at the other side of the town.

Yours sincerely,



Mr. M Kennedy

104 Glengarry Road

Perth

PH2 0AB.

Development Quality Manager
Planning Service
Pullar House
35 Kinnoull Street
Perth.
PH1 5GD.

RECEIVED

10 OCT 2011

05/10/2011

Dear Sir,

With reference to planning application 11/01510/FLL –Londis 102 Glengarry Road, Perth.

I wish to object to this planning application, for the second time.

This blue industrial metal storage container, (with graffiti on it), and the other one at the back of the local chip shop ruins the outlook of the back gardens of the shops/flat dwellings in Garry Place. They are hideous to look. I don't envy how the local residents must feel every day waking up and having to look out their bedroom windows at this very depressing view.

The blue containers are very much out of character for a nice residential garden area. They are more suited to an industrial site, which Garry Place is not. The blue containers make the back of the shops look like a very rough area, run down and untidy, along with the unkempt back garden areas of one or two of the shops.

Screening this container will only make matters worse, as the container will still be seen, will still be noisy when opened and will be bigger than before, thus more noticeable.

I rent a lock-up garage in Garry Place and wish to object to this planning application for the second time.

Yours sincerely

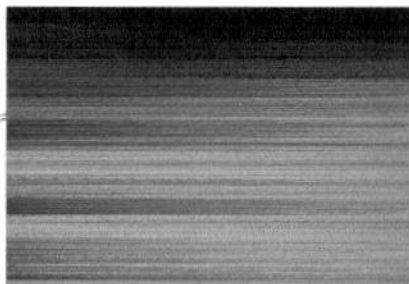
Tam Higginbotham

No 2 Lock-up Garage

Garry Place

Perth

PH2 0AB



C/o

Fetteresk

Back Street

Bridge of Earn

Perth

PH2 9AB

Development Quality Manager
Planning Service
Pullar House
35 Kinnoull Street
Perth.
PH1 5GD.

RECEIVED
11 OCT 2011

04/10/2011

Dear Sir/Madam,

Planning Application 11/01510/FLL -Londis 102 Glengarry Road, Perth.

I object to the big blue containers at the back of the Glengarry Road shops, in Garry Place.

Screening the big blue container at the back of the Londis store will not hide the fact that it will still be seen and heard being opened, by residents, especially the people who live above the shops and across from the back of the shops, (upstairs tenants).

The Glengarry Road shopping area is always busy and noisy, what with constant buses, cars and delivery lorries stopping. More stock (to fill the big blue metal container) for the Londis store means more delivery lorries constantly parking in the bus bays, causing more traffic congestion and noise pollution for residents. This shop also has heavy metal noisy shutters which we can hear when drivers open the shutters at 6am in the morning, when newspapers are being delivered, and last thing at night at 10pm, when the shop closes and the shutters are banged down.

I object to this planning application.

Yours sincerely

Miss A Grieve



55C Glengarry Road

Perth

PH2 OAB.

SHEK

53^c Glenary Road.

12 OCT 2011

Dear Sir/Madam.

I am writing about the letter received concerning the proposed work at 102 GLENARY RD. APPLICATION Reference 11/O150/FLL. I am ~~st~~ still very much opposed to this work planned. am also not happy that this is the second such application in less than a year for the same proposal. My concerns are that there is not nearly enough space in this area already for residents for parking and for the public who use the premises in this area. We as residents also have two buses stops in this road these buses very often have trouble getting into these stops because of the lack of space. I very much hope that this letter emphasizes my unhappiness about the reasons for not supporting this application.

Yours Sincerely

[Redacted Signature]

Development Quality Manager
Planning Service
Pullar House
35 Kinnoull Street
Perth.
PH1 5GD.

RECEIVED
17 OCT 2011

07/10/2011

Dear Sir/Madam

With reference to planning application 11/01510/FLL –Londis 102 Glengarry Road, Perth.

I wish to object to this planning application.

The big blue metal storage container/s at the back of the Glengarry Road shops (Garry place) is both unsightly and gives the appearance of an industrial or building site. They spoil the whole outlook in Garry Place, along with the grotesque ventilation flues at both chip shops and the roof mounted air conditioning fans, right outside resident's bedroom windows. I wonder how the residents sleep at night, what with noise from the fans, and smell from the flues. It must be a nightmare for locals in the near vicinity.

Delivery lorries which continually drive into this, (one way), narrow lane (Gary Place) to deliver stock to the back of the Londis Shop, constantly block the lane and hold up the residents who are departing for their work in the mornings, due to unloading stock from the lorries into this blue container.

This is a residential area with many flats/homes next to the shops. There is a school nearby with parents and children using footpaths and roads in the area. The traffic congestion is already a nightmare at the shops, what with big delivery lorries (to the shops) and customers cars parking outside the shops, (in the bus bay), causing the buses to park out of their own bus bays, which could cause all sorts of possible problems and dangers for passengers getting on or off the buses in between parked cars etc.

Yours sincerely



Mr S Whyte

26 Glenfarg Terrace

Perth

PH2 OAP

17 OCT 2011

Kirsty Graham

From: [REDACTED]
Sent: 19 October 2011 23:17
To: Development Management - Generic Email Account
Subject: 11/01510/FLL

Dear Sir,

I do not believe the plans are appropriate for a narrow residential street.

Deliveries to the back of the shop cause noise and block the road for a considerable time. Even when lorries leave there are often pallets and cages left sitting on the road.

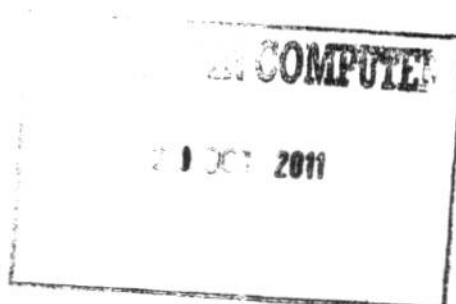
Drivers have to break the law by driving the wrong way down a one way street or face being late for work.

My view used to be of a garden and flowers. Now it is an ugly metal container, weeds and rubbish. The fence will not hide the container from view. The area not covered by the container at present is too small for vehicles used by the shop. A fence would restrict this space further. Are residents to be further inconvenienced by a parking ban in the street at the back of the shops?

I feel it is wrong for this quiet street to be used for storage for another shop. Moving the extractor fans will not stop constant noise.

Ms L Steven and Mr J Hebderon

Sent from my iPhone



Development Quality Manager
Planning Service
Pullar House
35 Kinnoull Street
Perth.
PH1 5GD.

RECEIVED
20 OCT 2011

17/10/2011

Dear Sir,

Planning Application 11/01510/FLL –Londis 102 Glengarry Road, Perth.

I wish to object to this planning application.

The big blue metal storage container/s at the back of the Glengarry Road shops (Garry place) is both unsightly and gives the appearance of an industrial/building site. The containers spoil the whole outlook in Garry Place.

Big delivery lorries which drive into this one way, narrow lane (Garry Place) to deliver stock to the back of the Londis Shop, constantly block the out lane entrance and hold up the residents who are departing for their work at various times in the mornings, due to the unloading of stock from the lorries into the big blue container. Delivery lorries also park at the front of the shops daily (Glengarry Road), in the bus bays, which causes the buses to park outside their designated bus bays, causing all sorts of problems and dangers for other drivers on the road and also possible dangers for pedestrians who are having to get on and off the buses in between parked cars.

This is meant to be a residential area with many flats/homes next to the shops. There is a school very nearby with parents and children using footpaths/roads/lanes in the area. The traffic congestion is already a nightmare at the shops! Residents have trouble actually finding a parking space outside their own homes now because of the traffic congestion problems at the Glengarry Road shop area. The shops already all have ancillary storage areas built onto the back of them, so I would ask/object as to why extra storage facilities, or a shop expansion would be required at all for any of the shops.

Yours sincerely



Mr W Carr

43C Glengarry Road

Perth

PH2 OAB

21 OCT 2011

TCP/11/16(173)

Planning Application 11/01510/FLL – Temporary (5 years) siting of a metal storage unit, installation of 2 air conditioning units, formation of vehicular access and hardstanding and erection of screen fence (in part retrospect) at 102 Glengarry Road, Perth, PH2 0AB

PLANNING DECISION NOTICE (included in applicant's submission, see pages 503-504)

REPORT OF HANDLING (included in applicant's submission, see pages 499-502)

REFERENCE DOCUMENTS (part included in applicant's submission, see pages 493-497)



PRINT No 1

PERTH AND KINROSS COUNCIL

DRAWING REF: 11/01510/6



PRINT No 2

PERTH AND KINROSS COUNCIL

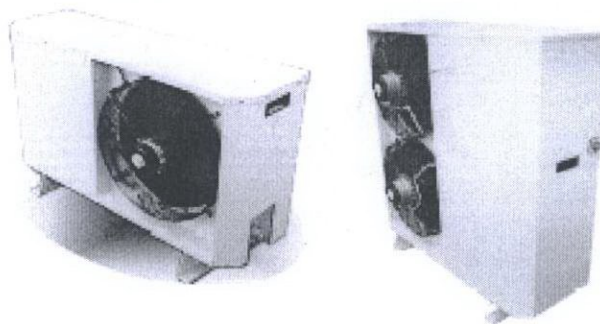
DRAWING REF: 11/0161017

FAN No 1 - HUBBARD HRC

MODEL EMPLOY'S R404A

Profroid Quietis

Profroid Quietis Condensing Units



Application

Quietis are a low noise range of units specially designed for small cold rooms & remote cabinets. The units are suitable for outside installation for both medium & low temperature applications.

Casing

- Galvanised sheet steel, finished in oven-baked paint (RAL7035)
- Accessible compressor compartment & top panels for easy maintenance
- Acoustic lining fitted to the compressor compartment
- Wall mounting kit (single fan unit only)
- IP44 protection

Components

- Hermetic compressor
- Crankcase heater
- Axial flow 8-pole fan assembly with internal overload protection
- Electronic fan speed controller
- Liquid receiver
- Sight glass
- Suction & liquid line shut-off valves
- Preset LP & HP switches
- Safety valve
- Filter drier

Electrical

- Lockable rotary mains isolator
- Circuit breaker or fuse for compressor & fan motor protection
- Compressor contactor
- DIN rail with additional terminals for control circuit
- Built in accordance with EN60204-1 standard

Installation Guidance

- Do not use the compressor outside of the operating limits specified.
- Install in a suitably ventilated area
- Check tightness of all screw terminals
- Check electrical supply
- Check the current drawn
- Install circuit in accordance with good refrigeration practice
- Check safety device settings
- Limit the superheat to 20K on all low temperature applications

Additional Comments

- Check operating envelope & use MOP charge TEV or CPRV
- Acoustic measurements have been made by a notified laboratory. The method is European standard NK EN ISO 9614-2, where the unit runs at full load.

Running the unit in conditions that differ from test conditions may lead to different results. e.g. sound reflections from walls. The measurements are performed at a distance of 10m free-field.

Nomenclature

WP	H	13	C
			Voltage:
			C = 230V/1ph/50Hz
			A = 400V/3ph/50Hz
		Model	
	Application:		
		H = Medium temperature	
		L = Low temperature	
		Quietis condensing unit	

PERTH AND KINROSS COUNCIL

DRAWING REF: 11/01510/8

SCANNED

Profroid Quietis

Technical Data

Condensing Unit Model	Receiver (dm ³)	Dimensions (mm)			Weight (kg)	Connections (")		SPL dBA @ 10m	Fan Assembly Qty	Fan Assembly Ø (mm)	Air Flow (m ³ /hr)	Electrical FLC (Amps)		
		Length A	Width B	Height C		Liquid	Suction					Motor (240V-1Ph)	Compressor (240V-1Ph)	Compressor (400V-3Ph)
WPH-06-C	2.6	935	325	485	60	1/4	3/8	26	1	355	900	0.4	4.1	-
WPH-08-C	2.6	935	325	485	60	3/8	1/2	27	1	355	900	0.4	6.6	-
WPH-10-C	2.6	935	325	485	60	3/8	1/2	28	1	355	900	0.4	7.1	-
WPH-13-C	2.6	935	325	485	60	3/8	1/2	29	1	355	900	0.4	10.1	-
WPH-13-A	2.6	935	325	485	60	3/8	1/2	29	1	355	900	0.4	-	3.9
WPH-17-C	2.6	1120	325	620	90	3/8	5/8	32	1	457	1800	1.0	10.6	-
WPH-17-A	2.6	1120	325	620	90	3/8	5/8	32	1	457	1800	1.0	-	3.9
WPH-19-C	2.6	1120	325	620	90	3/8	5/8	33	1	457	1800	1.0	15.4	-
WPH-19-A	2.6	1120	325	620	90	3/8	5/8	33	1	457	1800	1.0	-	4.2
WPH-24-C	4.0	1120	325	620	90	3/8	5/8	34	1	457	1800	1.0	18.1	-
WPH-24-A	4.0	1120	325	620	90	3/8	5/8	34	1	457	1800	1.0	-	6.2
WPH-31-C	4.0	1120	325	620	90	3/8	5/8	37	1	500	2800	1.4	26.3	-
WPH-31-A	4.0	1120	325	620	90	3/8	5/8	37	1	500	2800	1.4	-	8.1
WPH-40-C	4.0	1120	325	620	90	3/8	5/8	40	1	500	2500	1.4	27.0	-
WPH-40-A	4.0	1120	325	620	90	3/8	5/8	40	1	500	2500	1.4	-	9.2
WPH-46-A	6.0	1180	420	1200	140	1/2	7/8	42	2	457	3300	2.0	-	11.4
WPH-53-A	6.0	1180	420	1200	140	1/2	7/8	42	2	457	3300	2.0	-	12.0
WPH-61-A	8.0	1180	420	1200	150	5/8	7/8	42	2	457	3000	2.0	-	14.0
WPH-68-A	8.0	1180	420	1200	150	5/8	7/8	43	2	500	5000	2.8	-	15.2
WPH-73-A	8.0	1180	420	1200	160	5/8	1-1/8	43	2	500	4700	2.8	-	18.0
WPL-06-C	2.6	935	325	485	60	3/8	1/2	33	1	355	900	0.4	10.0	-
WPL-06-A	2.6	935	325	485	60	3/8	1/2	33	1	355	900	0.4	-	3.7
WPL-08-C	2.6	1120	325	620	90	3/8	5/8	34	1	457	1800	1.0	19.2	-
WPL-08-A	2.6	1120	325	620	90	3/8	5/8	34	1	457	1800	1.0	-	3.9
WPL-11-C	2.6	1120	325	620	90	3/8	5/8	35	1	457	1800	1.0	24.0	-
WPL-11-A	2.6	1120	325	620	90	3/8	5/8	35	1	457	1800	1.0	-	5.0
WPL-16-A	6.0	1180	420	1200	140	3/8	7/8	36	2	457	3300	2.0	-	10.6
WPL-22-A	6.0	1180	420	1200	150	3/8	7/8	38	2	457	3000	2.0	-	14.0

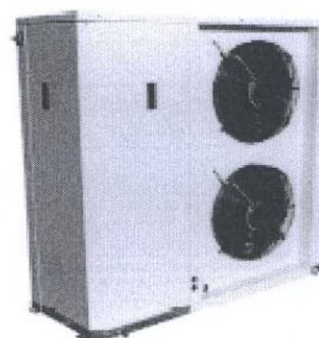
Profroid Quietor

Technical Data

Condensing Unit Model	Receiver (dm ³)	Dimensions (mm)			Weight (kg)	Connections (")		SPL dBA @ 10m	Fan Assembly Qty	Fan Assembly Ø (mm)	Air Flow (m ³ /hr)	Electrical FLC (Amps)		
		Length A	Width B	Height C		Liquid	Suction					Motor (240V-1Ph)	Comp. (400V-3Ph) LRA	FLC
GQH-ZB15-Z	4.0	1120	560	1010	144	1/2	5/8	34	2	350	2710	2 x 0.3	24.0	5.0
GQH-ZB19-Z	8.0	1120	560	1010	147	1/2	5/8	34	2	350	2710	2 x 0.3	32.0	6.5
GQH-ZB21-Z	8.0	1120	560	1010	148	1/2	7/8	34	2	350	2710	2 x 0.3	40.0	7.0
GQH-ZB30-Z	8.0	1260	560	1010	159	1/2	7/8	34	2	350	3540	2 x 0.3	49.0	10.0
GQH-ZB38-Z	8.0	1260	560	1010	160	1/2	7/8	34	2	350	3540	2 x 0.3	65.0	13.0
GQH-ZB45-Z	14.0	1280	670	1210	173	1/2	7/8	41	2	450	6890	2 x 0.9	74.0	13.0
GQH-ZB56-Z	14.0	1280	670	1210	261	5/8	1-1/8	41	2	450	6890	2 x 0.9	99.0	15.0
GQH-ZB75-Z	14.0	1280	670	1210	261	5/8	1-3/8	41	2	450	6890	2 x 0.9	127.0	22.0
GQH-ZB92-Z	24.0	1580	670	1510	291	7/8	1-3/8	46	2	500	8950	2 x 1.4	167.0	25.0
GQH-ZB11-Z	24.0	1580	670	1510	300	7/8	1-5/8	46	2	500	8950	2 x 1.4	198.0	29.0
GQL-ZF09-Z	4.0	1120	560	1010	148	1/2	7/8	34	2	350	2710	2 x 0.3	40.0	6.0
GQL-ZF11-Z	4.0	1120	560	1010	149	1/2	7/8	34	2	350	2710	2 x 0.3	46.0	7.0
GQL-ZF15-Z	8.0	1260	560	1010	160	1/2	7/8	34	2	350	3540	2 x 0.3	64.0	10.0
GQL-ZF24-Z	8.0	1280	670	1210	214	1/2	1-1/8	41	2	450	6890	2 x 0.9	99.0	16.0
GQL-ZF33-Z	14.0	1280	670	1210	261	5/8	1-3/8	41	2	450	6890	2 x 0.9	127.0	22.0
GQL-ZF40-Z	18.0	1280	670	1210	271	5/8	1-3/8	41	2	450	6890	2 x 0.9	167.0	25.0
GQL-ZF48-Z	18.0	1280	670	1210	280	5/8	1-5/8	41	2	450	6890	2 x 0.9	198.0	31.0

Profroid Quietor

Profroid Quietor Condensing Units



Application

Quietor are a low noise range of units specially designed for medium sized cold rooms. The units are suitable for outside installation for both medium & low temperature applications.

Casing

- Galvanised sheet steel, finished in white oven-baked paint
- Accessible compressor compartment & top panels for easy maintenance
- Acoustic lining fitted to the compressor compartment
- IP44 protection

Components

- Scroll compressor
- Silent mounts
- Compressor motor protection
- Crankcase heater
- Discharge temperature thermostat (depending upon the model)
- Liquid injection system on all ZF compressors
- Axial flow 8-pole fan assembly with internal overload protection
- Electronic fan speed controller
- Liquid receiver
- Sight glass with moisture indicator
- Suction & liquid line shut-off valves
- Preset LP & HP switches
- Safety valve
- Filter drier

Electrical

- Lockable rotary mains isolator
- Circuit breaker or fuse for compressor & fan motor protection
- Compressor contactor
- Transformer
- Built in accordance with EN60204-1 standard

Installation Guidance

- Do not use the compressor outside of the operating limits specified.
- Install in a suitably ventilated area
- Check tightness of all screw terminals
- Check electrical supply
- Check the current drawn
- Install circuit in accordance with good refrigeration practice
- Check safety device settings
- Limit the superheat to 20K on all low temperature applications

Additional Comments

- Check operating envelope & use MOP charge TEV or CPRV
- Acoustic measurements have been made by a notified laboratory. The method is European standard NK EN ISO 9614-2, where the unit runs at full load.

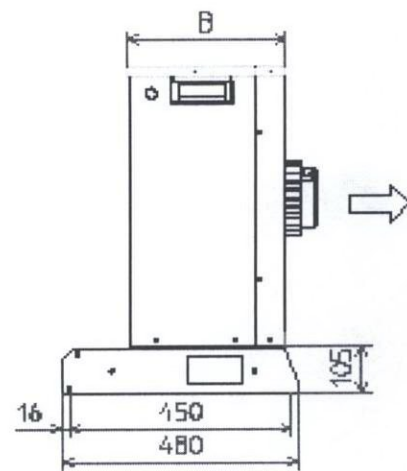
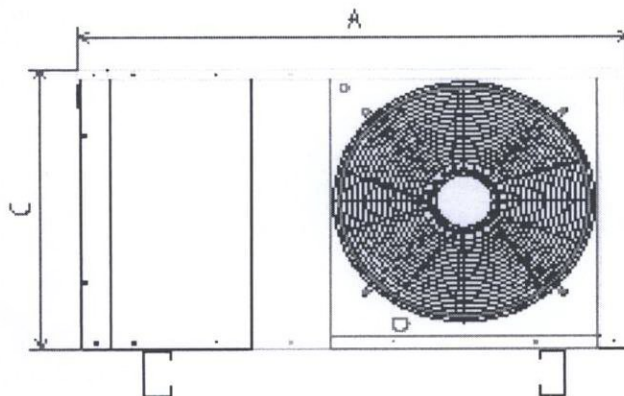
Running the unit in conditions that differ from test conditions may lead to different results. e.g. sound reflections from walls. The measurements are performed at a distance of 10m free-field.

Nomenclature

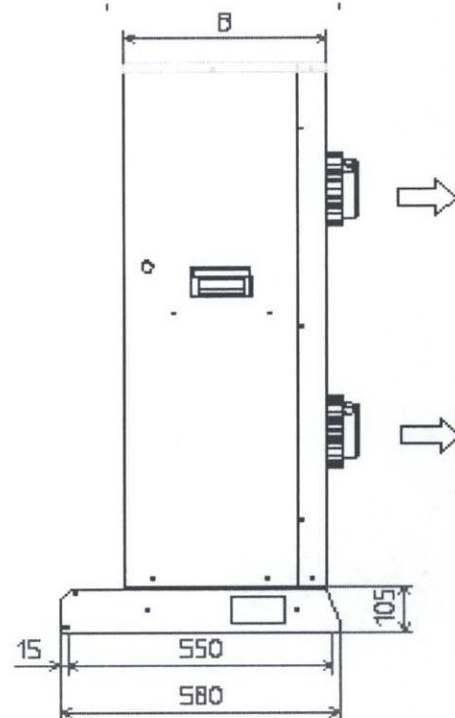
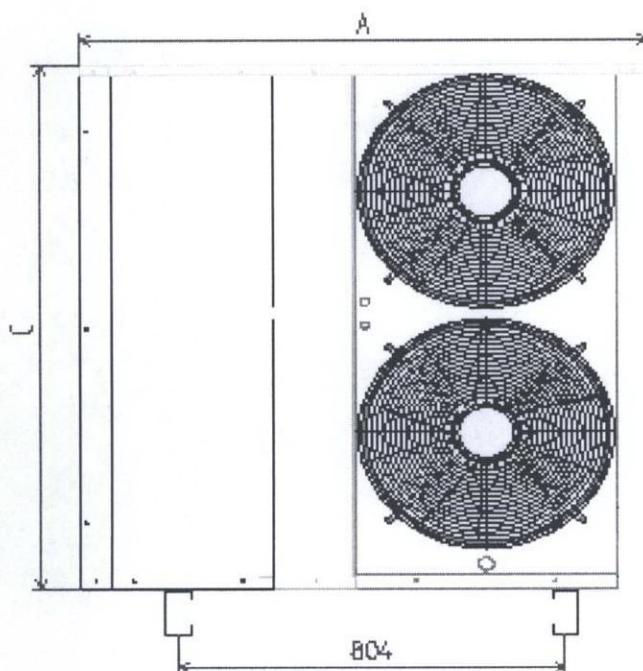
GQ	H	ZB38	Z
			Refrigerant
			Compressor model
			Application:
			H = Medium temperature
			L = Low temperature
			Quietor condensing unit

Profroid Quietis

Dimensional Drawings for WPH 06-40 to WPL 06-11



Dimensional Drawings for WPH 46-73 to WPL 16-22



Profroid Quietis

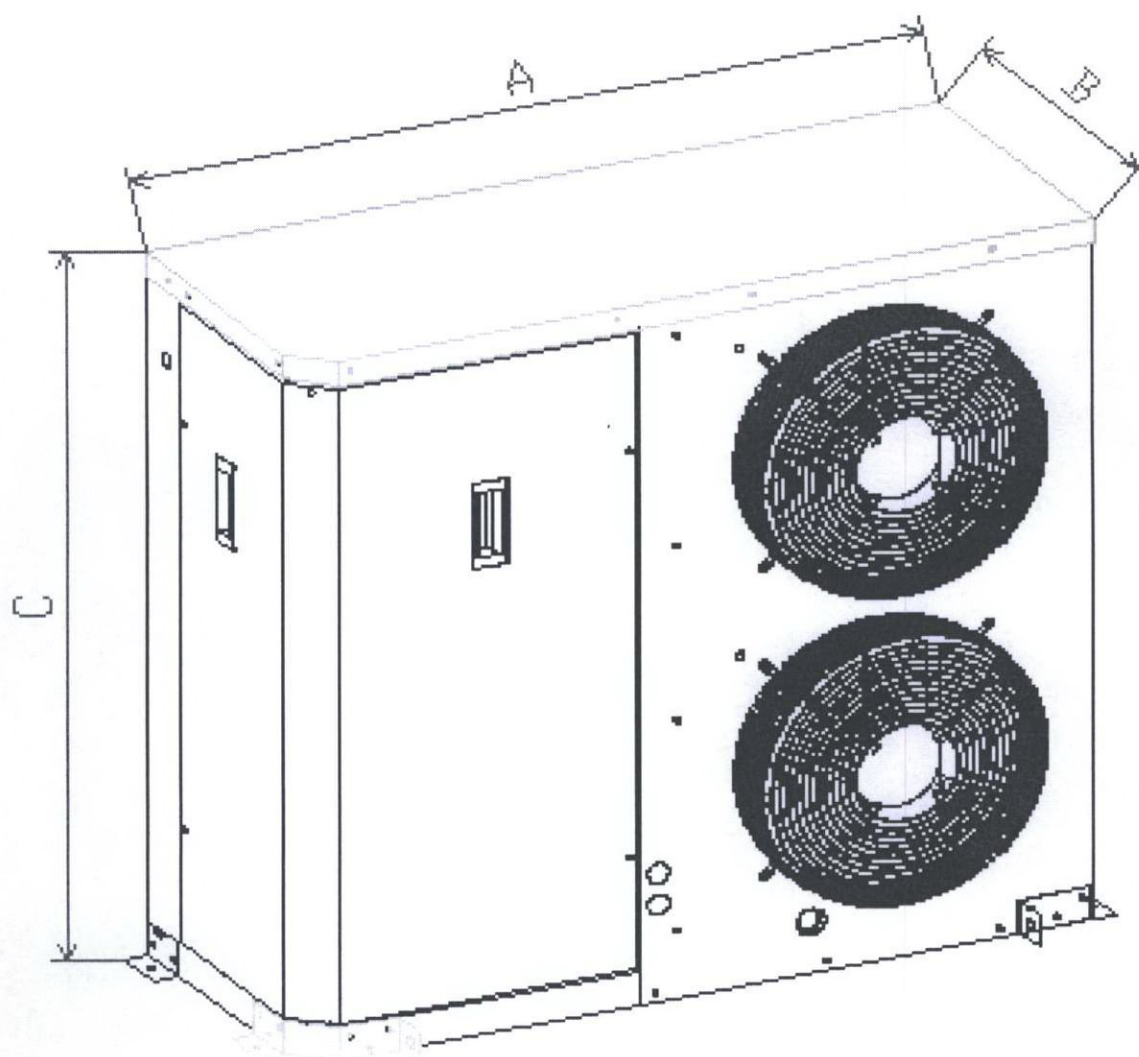
R404A Refrigeration Capacity - Watts

Condensing Unit Models	Ambient (°C)	Evaporating Temperature (°C)										
		-40	-35	-30	-25	-20	-15	-10	-5	0	5	10
WPH-06	27	-	-	-	-	683	859	1068	1307	1569	1851	2148
	32	-	-	-	-	622	785	979	1201	1445	1707	1984
WPH-08	27	-	-	-	-	927	1163	1426	1718	2034	2376	2738
	32	-	-	-	-	842	1060	1305	1575	1869	2186	2523
WPH-10	27	-	-	-	-	1116	1381	1681	2011	2359	2719	3083
	32	-	-	-	-	1013	1257	1535	1840	2162	2494	2831
WPH-13	27	-	-	-	-	1210	1550	1920	2310	2730	3150	3580
	32	-	-	-	-	1090	1410	1750	2110	2490	2880	3280
WPH-17	27	-	-	-	-	1680	2080	2550	3090	3670	4300	4950
	32	-	-	-	-	1530	1900	2340	2830	3380	3960	4560
WPH-19	27	-	-	-	-	2010	2550	3140	3770	4430	5100	5780
	32	-	-	-	-	1830	2320	2870	3450	4060	4680	5300
WPH-24	27	-	-	-	-	2340	2900	3520	4210	4930	5680	6430
	32	-	-	-	-	2060	2580	3170	3810	4490	5190	5900
WPH-31	27	-	-	-	-	3060	3850	4720	5660	6640	7660	8680
	32	-	-	-	-	2700	3440	4260	5130	6060	7010	7970
WPH-40	27	-	-	-	-	4386	5110	5985	6978	8054	9179	10321
	32	-	-	-	-	3860	4549	5378	6315	7328	8383	9450
WPH-46	27	-	-	-	-	3175	4430	5815	7296	8843	10424	12016
	32	-	-	-	-	2778	3930	5207	6578	8012	9480	10960
WPH-53	27	-	-	-	-	4099	5073	6289	7684	9196	10764	12334
	32	-	-	-	-	3590	4489	5614	6905	8303	9752	11200
WPH-61	27	-	-	-	-	5398	6389	7705	9280	11040	12913	14830
	32	-	-	-	-	4734	5657	6883	8347	9981	11717	13489
WPH-68	27	-	-	-	-	6669	7695	9071	10731	12601	14604	16665
	32	-	-	-	-	5848	6812	8100	9650	11390	13249	15156
WPH-73	27	-	-	-	-	7241	8418	9969	11824	13903	16127	18421
	32	-	-	-	-	6350	7454	8905	10635	12570	14634	16758
WPL-06	27	530	800	1100	1420	1760	2100	-	-	-	-	-
	32	450	700	980	1270	1580	1890	-	-	-	-	-
WPL-08	27	750	1140	1590	2100	2670	3280	-	-	-	-	-
	32	630	990	1410	1880	2400	2960	-	-	-	-	-
WPL-11	27	1490	1780	2200	2750	3380	4050	-	-	-	-	-
	32	1280	1550	1950	2450	3030	3650	-	-	-	-	-
WPL-16	27	1844	2315	2998	3873	4907	6062	-	-	-	-	-
	32	1581	2020	2650	3453	4396	5445	-	-	-	-	-
WPL-22	27	2596	3126	3918	4948	6183	7575	-	-	-	-	-
	32	2221	2724	3461	4412	5543	6809	-	-	-	-	-

Rating Conditions: The capacities shown above are calculated with a suction vapour entering the compressor at 20K on all WPL models and 11K Superheat on all WPH models - all capacities are 0K Subcooling.

Profroid Quietor

Dimensional Drawing for GQH-ZB15-Z to GQH-ZB11-Z & GQL-ZF11-Z to GQL-ZF48-Z



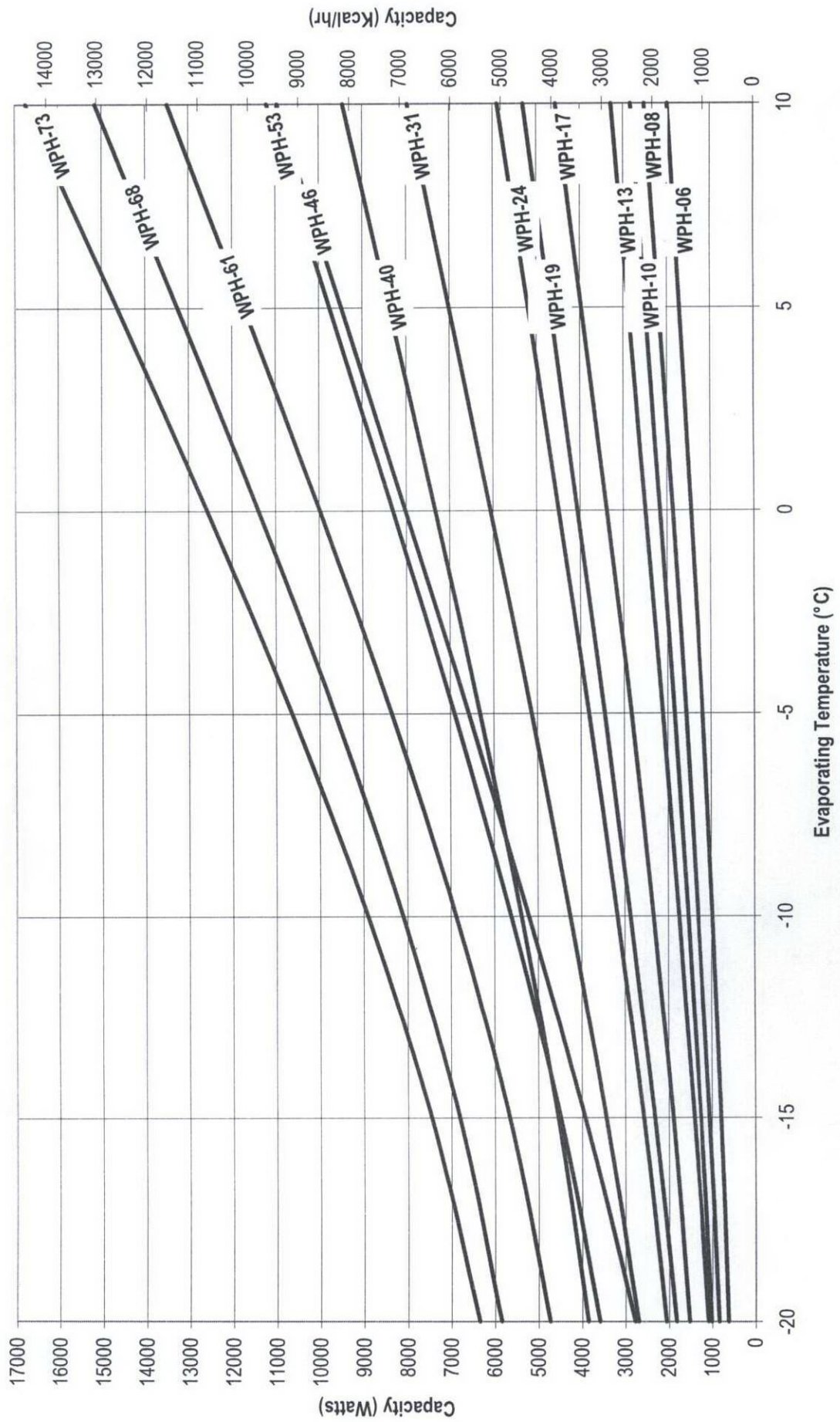
Profroid Quietor

R404A Refrigeration Capacity - Watts

Condensing Unit Models	Ambient (°C)	Evaporating Temperature (°C)										
		-40	-35	-30	-25	-20	-15	-10	-5	0	5	10
GQH-ZB15-Z	27	-	-	-	-	-	3140	3800	4540	5370	6280	-
	32	-	-	-	-	-	2830	3460	4150	4920	5780	-
	37	-	-	-	-	-	2530	3130	3750	4470	5270	-
GQH-ZB19-Z	27	-	-	-	-	-	3770	4550	5370	6310	7330	-
	32	-	-	-	-	-	3460	4180	4940	5840	6800	-
	37	-	-	-	-	-	3150	3810	4510	5370	6260	-
GQH-ZB21-Z	27	-	-	-	-	-	4390	5230	6200	7200	8380	-
	32	-	-	-	-	-	4030	4790	5700	6640	7770	-
	37	-	-	-	-	-	3670	4350	5210	6070	7150	-
GQH-ZB30-Z	27	-	-	-	-	-	5980	7130	8390	9810	11320	-
	32	-	-	-	-	-	5460	6530	7710	9050	10470	-
	37	-	-	-	-	-	4940	5940	7040	8300	9610	-
GQH-ZB38-Z	27	-	-	-	-	-	7040	8330	9770	11360	13000	-
	32	-	-	-	-	-	6410	7590	8940	10440	11960	-
	37	-	-	-	-	-	5770	6850	8120	-	-	-
GQH-ZB45-Z	27	-	-	-	-	-	9260	11130	13220	15540	18080	-
	32	-	-	-	-	-	8500	10240	12210	14380	16770	-
	37	-	-	-	-	-	7730	9350	11200	13220	15470	-
GQH-ZB56-Z	27	-	-	-	-	-	10420	12480	14730	17200	19940	-
	32	-	-	-	-	-	9560	11470	13570	15870	18450	-
	37	-	-	-	-	-	8700	10450	12410	14550	16960	-
GQH-ZB75-Z	27	-	-	-	-	-	14100	16690	19510	22510	25860	-
	32	-	-	-	-	-	12910	15350	18000	20780	23990	-
	37	-	-	-	-	-	11720	14020	16490	-	-	-
GQH-ZB92-Z	27	-	-	-	-	-	17950	21210	24890	28690	33300	-
	32	-	-	-	-	-	16500	19490	22950	26400	30860	-
	37	-	-	-	-	-	15050	17780	21020	24110	-	-
GQH-ZB11-Z	27	-	-	-	-	-	20640	24460	28550	32850	37490	-
	32	-	-	-	-	-	18860	22460	26220	30200	-	-
	37	-	-	-	-	-	17090	20460	23880	-	-	-
GQL-ZF09-Z	27	1510	1930	2400	2950	3560	-	-	-	-	-	-
	32	1390	1780	2210	2720	3300	-	-	-	-	-	-
	37	1270	1620	2030	2490	3040	-	-	-	-	-	-
GQL-ZF11-Z	27	1880	2370	2920	3560	4290	-	-	-	-	-	-
	32	1720	2180	2700	3280	3940	-	-	-	-	-	-
	37	1570	1990	2470	2990	3590	-	-	-	-	-	-
GQL-ZF15-Z	27	2560	3310	4100	5040	6050	-	-	-	-	-	-
	32	2360	3030	3760	4590	5520	-	-	-	-	-	-
	37	2160	2760	3420	4140	4980	-	-	-	-	-	-
GQL-ZF24-Z	27	4000	5100	6360	7800	9400	-	-	-	-	-	-
	32	3660	4700	5890	7220	8690	-	-	-	-	-	-
	37	3310	4300	5420	6640	7970	-	-	-	-	-	-
GQL-ZF33-Z	27	4370	6420	8340	10320	12380	-	-	-	-	-	-
	32	3960	5830	7560	9400	11270	-	-	-	-	-	-
	37	3550	5230	6790	8480	10170	-	-	-	-	-	-
GQL-ZF40-Z	27	6360	8080	9990	12060	14340	-	-	-	-	-	-
	32	5790	7390	9140	11020	13100	-	-	-	-	-	-
	37	5210	6700	8290	9990	11870	-	-	-	-	-	-
GQL-ZF48-Z	27	6760	8850	10940	13140	15510	-	-	-	-	-	-
	32	6060	7970	9850	11830	14000	-	-	-	-	-	-
	37	5360	7080	8760	10520	12500	-	-	-	-	-	-

Rating Conditions: The capacities shown above are calculated with a suction vapour entering the compressor at 11K, with 3K liquid subcooling.

Profroid Quietis WPH Refrigeration Capacities (32°C Ambient, 11K Superheat & 0K Subcooling)



Frozen Food Holding Room -18°C (R404A)

Capacity (m³)	Duty Required (kW)	Duty Required (Btu/hr)	Housed Condensing Unit Profrigid	HRP Code	Kobol	Evaporator HRP Code	HRP Code	EIK HRP Code	Connections (") Liquid Line	TEV (Kobol) HRP Code	TEV (Friga) HRP Code	Office HRP Code
3	0.69	2354	-	-	-	-	-	-	-	-	-	-
4	0.81	2753	-	-	-	-	-	-	-	-	-	-
6	0.93	3166	-	-	-	-	-	-	-	-	-	-
7	1.02	3480	-	-	-	-	-	-	-	-	-	-
8	1.11	3787	-	-	-	-	-	-	-	-	-	-
10	1.20	4105	-	-	-	-	-	-	-	-	-	-
11	1.30	4419	Quietis WPL-06-C	050132	MC-17E	080403	MRE 135	410270	3/8	212563	212814	219714
13	1.39	4750	Quietis WPL-06-C	050132	MC-17E	080403	MRE 210	410280	3/8	212563	212563	219714
14	1.49	5074	Quietis WPL-06-C	050132	MC-17E	080403	MRE 210	410280	3/8	212563	212563	219714
17	1.67	5708	Quietis WPL-06-C	050132	MC-23E	080446	MRE 210	410280	3/8	212563	212563	219714
20	1.81	6162	Quietis WPL-08-C	050136	MC-23E	080446	LUC 210E	401303	3/8	212563	212563	219715
23	2.00	6807	Quietis WPL-08-C	050136	MC-30E	080470	LUC 295E	401313	3/8	212563	212563	219715
26	2.13	7278	Quietis WPL-11-C	050140	CR-25E	081426	LUC 295E	401313	3/8	212563	212563	219715
28	2.27	7745	Quietis WPL-11-C	050140	CR-25E	081426	LUC 295E	401313	3/8	212563	212563	219715
36	2.59	8823	Quietis WPL-11-C	050140	CR-32E	081450	LUC 350E	401323	3/8	212563	212563	219715
42	2.84	9690	Quietis WPL-16-A	050154	CR-32E	081450	LUC 350E	401323	3/8	212563	212563	219716
57	3.36	11454	Quietis WPL-16-A	050154	CR-39E	081485	LUC 440E	401333	3/8	212563	212563	219716
71	4.17	14218	Quietis WPL-22-A	050156	CC-52E	081558	LUC 550E	401343	3/8	212563	212563	219716
83	4.70	16019	Quietis WPL-22-A	050156	CC-56E	082015	LUC 650E	401353	3/8	212563	212563	219716
100	5.36	18292	-	-	-	-	-	-	-	-	-	-

Equipment Based Upon :

Ambient Temperature to : Room 27°C Condenser 32°C. Room TD 5 to 7 K Plant run time 18/20 hours per 24.
 75mm Polyurethane insulation to walls, ceiling and floor average door usage and no mechanical loading
 Product load based upon maximum 64 kgs per m³ of coldroom volume, entering at no more than 6°C above room temperature
 Refrigerant Lines to be a maximum of 9m

Meat Holding Room 0-2°C (R404A)

Capacity (m³)	Capacity (ft³)	Duty Required (kW)	Duty Required (Btu/hr)	Housed Condensing Unit Profrigid	HRP Code	Kobol	Evaporator HRP Code	Friga Bohn	HRP Code	E1K HRP Code	Connections (") Liquid Line	Suction Line	TEV (Kobol) HRP Code	TEV (Friga) HRP Code	Orifice HRP Code
3	100	0.64	2167	-	-	-	-	-	-	-	-	-	-	-	-
4	150	0.75	2549	-	-	-	-	-	-	-	-	-	-	-	-
6	200	0.88	2989	-	-	-	-	-	-	-	-	-	-	-	-
7	250	1.07	3658	-	-	-	-	-	-	-	-	-	-	-	-
8	300	1.08	3685	-	-	-	-	-	-	-	-	-	-	-	-
10	350	1.17	3995	Quietis WPH-06-C	050100	MR12-E	080209	MRE 210	410280	-	1/4	3/8	212814	212563	219714
11	400	1.27	4323	Quietis WPH-06-C	050100	MR12-E	080209	MRE 210	410280	-	1/4	3/8	212814	212563	219714
13	450	1.37	4678	Quietis WPH-06-C	050100	MR12-E	080209	MRE 210	410280	-	1/4	3/8	212814	212563	219714
14	500	1.47	5026	Quietis WPH-08-C	050102	MR12-E	080209	MRE 210	410280	-	3/8	1/2	212814	212563	219714
17	600	1.67	5705	Quietis WPH-08-C	050102	MR12-E	080209	MRE 210	410280	-	3/8	1/2	212814	212563	219714
20	700	1.85	6305	Quietis WPH-10-C	050104	MR21-E	080233	MRE 210	410280	-	3/8	1/2	212563	212563	219714
23	800	2.03	6930	Quietis WPH-10-C	050104	MR21-E	080233	MRE 270	410290	-	3/8	1/2	212563	212563	219714
26	900	2.22	7561	Quietis WPH-13-C	050108	MR21-E	080233	MUC285R	401223	401420	3/8	1/2	212563	212563	219714
28	1000	2.38	8107	Quietis WPH-13-C	050108	MR21-E	080233	MUC285R	401223	401420	3/8	1/2	212563	212563	219715
36	1250	2.78	9482	Quietis WPH-17-C	050112	MR28-E	080276	MUC320R	401233	401430	3/8	5/8	212563	212563	219715
42	1500	3.13	10680	Quietis WPH-17-C	050112	MR28-E	080276	MUC320R	401233	401430	3/8	5/8	212563	212563	219715
57	2000	3.72	12686	Quietis WPH-19-C	050116	MR35-E	080306	MUC415L	401247	401442	3/8	5/8	212563	212563	219715
71	2500	4.53	15443	Quietis WPH-24-C	050120	CR52-E	081558	MUC520R	401253	401450	3/8	5/8	212563	212563	219716
83	3000	5.23	17828	Quietis WPH-31-C	050124	CR67-E	081582	MUC620R	401263	401460	3/8	5/8	212563	212563	219716
100	3500	6.02	20523	Quietis WPH-40-C	050128	CR67-E	081582	MUC615L	401267	401462	3/8	5/8	212563	212563	219716

Equipment Based Upon :

Ambient Temperature to : Room 27°C Condenser 32°C. Room TD 5 to 7 K Plant run time 18/20 hours per 24.
 75mm Polyurethane insulation to walls, ceiling and floor average door usage and no mechanical loading
 Product load based upon maximum 64 kgs per m³ of coldroom volume, entering at no more than 6°C above room temperature
 Refrigerant Lines to be a maximum of 9m

Provisions Holding Room 2-4°C (R404A)

Capacity (m³)	Capacity (ft³)	Duty Required (kW)	Duty Required (Btu/hr)	Housed Condensing Unit Profrigid	Kobol	Evaporator HRP Code	Friga Bohn	HRP Code	EIK HRP Code	Connections (") Liquid Line Suction Line	TEV (Kobol) HRP Code	TEV (Friga) HRP Code	Office HRP Code
3	100	0.65	2221	-	-	-	-	-	-	-	212814	212814	219713
4	150	0.78	2675	-	-	-	-	-	-	-	212814	212814	219713
6	200	0.92	3139	-	-	-	-	-	-	-	212814	212814	219713
7	250	1.03	3518	-	-	-	-	-	-	-	212814	212814	219713
8	300	1.14	3890	-	-	-	-	-	-	-	212814	212814	219713
10	350	1.25	4279	Quietis WPH-06-C	MRE 12	080209	MRE 135	410270	-	1/4	212814	212814	219713
11	400	1.37	4661	Quietis WPH-06-C	MRE 12	080209	MRE 135	410270	-	1/4	212814	212814	219714
13	450	1.48	5063	Quietis WPH-08-C	MRE 12	080209	MRE 135	410270	-	3/8	212814	212814	219714
14	500	1.55	5302	Quietis WPH-08-C	MRE 12	080209	MRE 210	410280	-	3/8	212814	212563	219714
17	600	1.84	6261	Quietis WPH-10-C	MRE 21	080233	MRE 270	410290	-	3/8	212563	212563	219714
20	700	2.02	6879	Quietis WPH-13-C	MRE 21	080233	MRE 270	410290	-	3/8	212563	212563	219714
23	800	2.26	7694	Quietis WPH-13-C	MRE 21	080233	MRE 270	410290	-	3/8	212563	212563	219714
26	900	2.44	8339	Quietis WPH-13-C	MRE 21	080233	MRE 270	410290	-	3/8	212563	212563	219714
28	1000	2.63	8984	Quietis WPH-13-C	MRE 28	080276	MUC 280L	401227	401422	3/8	212563	212563	219715
36	1250	3.06	10437	Quietis WPH-17-C	MRE 28	080276	MUC 315L	401237	401432	3/8	212563	212563	219715
42	1500	3.45	11768	Quietis WPH-19-C	MRE 35	080306	MUC 415L	401247	401442	3/8	212563	212563	219715
57	2000	4.54	15504	Quietis WPH-24-C	CR52 E	081558	MUC 520R	401253	401450	3/8	212563	212563	219716
71	2500	5.46	18623	Quietis WPH-31-C	CR67 E	081582	MUC 620R	401263	401460	3/8	212563	212563	219716
83	3000	6.29	21451	Quietis WPH-40-C	CR79 E	081612	MUC 615L	401267	401462	3/8	212563	212563	219716
100	3500	7.01	23928	Quietis WPH-53-A	CR79 E	081612	MUC 780R	401274	401470	1/2	212563	212563	219717

Equipment Based Upon :

Ambient Temperature to : Room 27°C Condenser 32°C. Room TD 5 to 7 K Plant run time 18/20 hours per 24.
 75mm Polyurethane insulation to walls, ceiling and floor average door usage and no mechanical loading
 Product load based upon maximum 64 kgs per m³ of coldroom volume, entering at no more than 6°C above room temperature
 Refrigerant Lines to be a maximum of 9m

Profroid

Quietis WPH Condensing Units

Condensing Unit Model	Single Phase		Three Phase	
	HRP Code	£ Each	HRP Code	£ Each
WPH-06	050100	716.00	-	-
WPH-08	050102	744.00	-	-
WPH-10	050104	773.00	-	-
WPH-13	050108	824.00	050110	830.00
WPH-17	050112	952.00	050114	971.00
WPH-19	050116	980.00	050118	1001.00
WPH-24	050120	1070.00	050122	1053.00
WPH-31	050124	1131.00	050126	1119.00
WPH-40	050128	1166.00	050130	1150.00
WPH-46	-	-	050144	1500.00
WPH-53	-	-	050146	1578.00
WPH-61	-	-	050148	1667.00
WPH-68	-	-	050150	1730.00
WPH-73	-	-	050152	1809.00

Quietor GQH Condensing Units

Condensing Unit Model	Single Phase		Three Phase	
	HRP Code	£ Each	HRP Code	£ Each
GQH-ZB15	-	-	050158	1806.00
GQH-ZB19	-	-	050160	1839.00
GQH-ZB21	-	-	050162	1947.00
GQH-ZB30	-	-	050164	2148.00
GQH-ZB38	-	-	050166	2342.00
GQH-ZB45	-	-	050168	2640.00
GQH-ZB56	-	-	050170	2912.00
GQH-ZB75	-	-	050172	3402.00
GQH-ZB92	-	-	050174	4104.00
GQH-ZB11	-	-	050176	4650.00

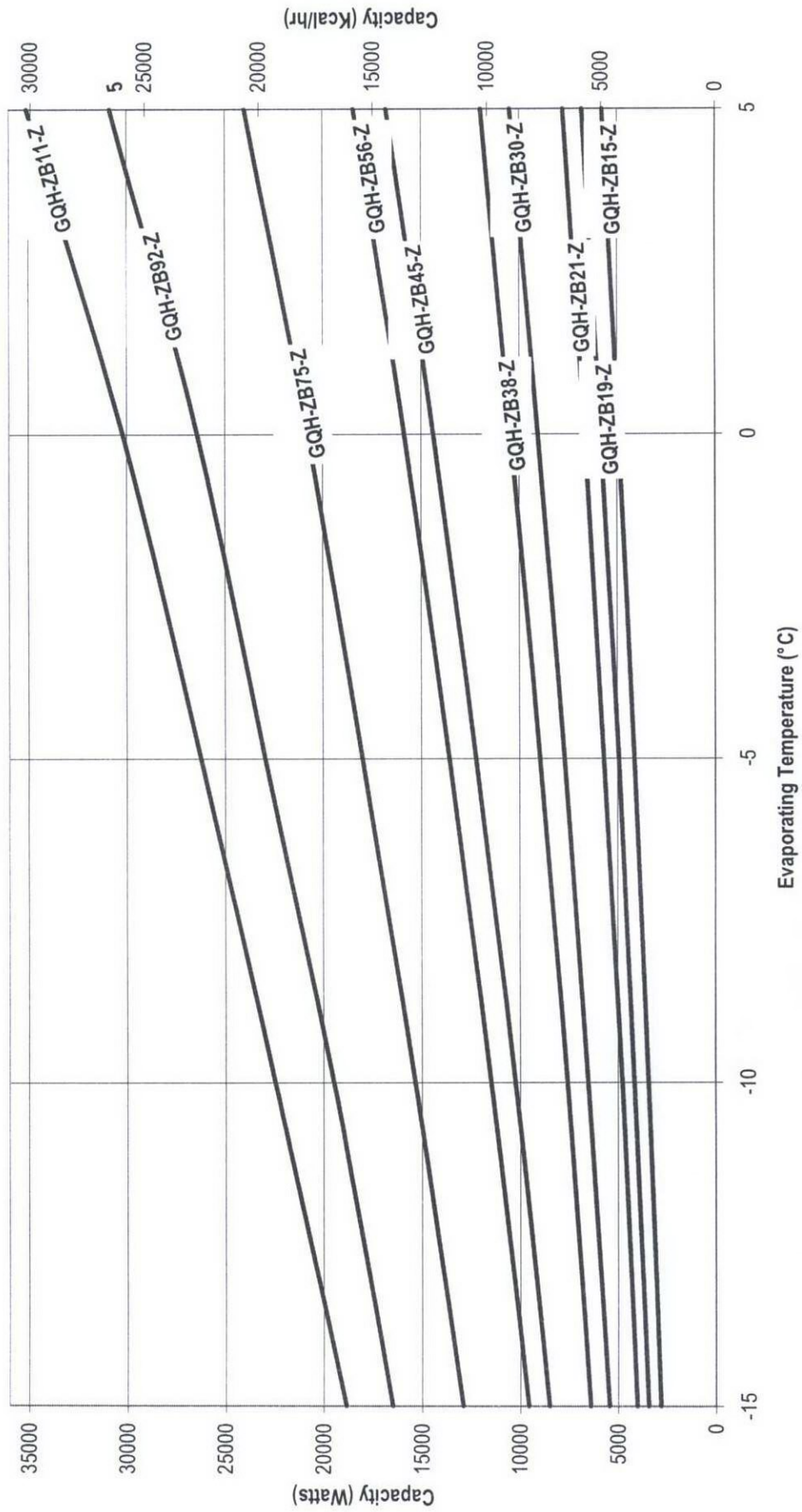
Quietis WPL Condensing Units

Condensing Unit Model	Single Phase		Three Phase	
	HRP Code	£ Each	HRP Code	£ Each
WPL-06	050132	840.00	050134	840.00
WPL-08	050136	1070.00	050138	1070.00
WPL-11	050140	1082.00	050142	1082.00
WPL-16	-	-	050154	1519.00
WPL-22	-	-	050156	1597.00

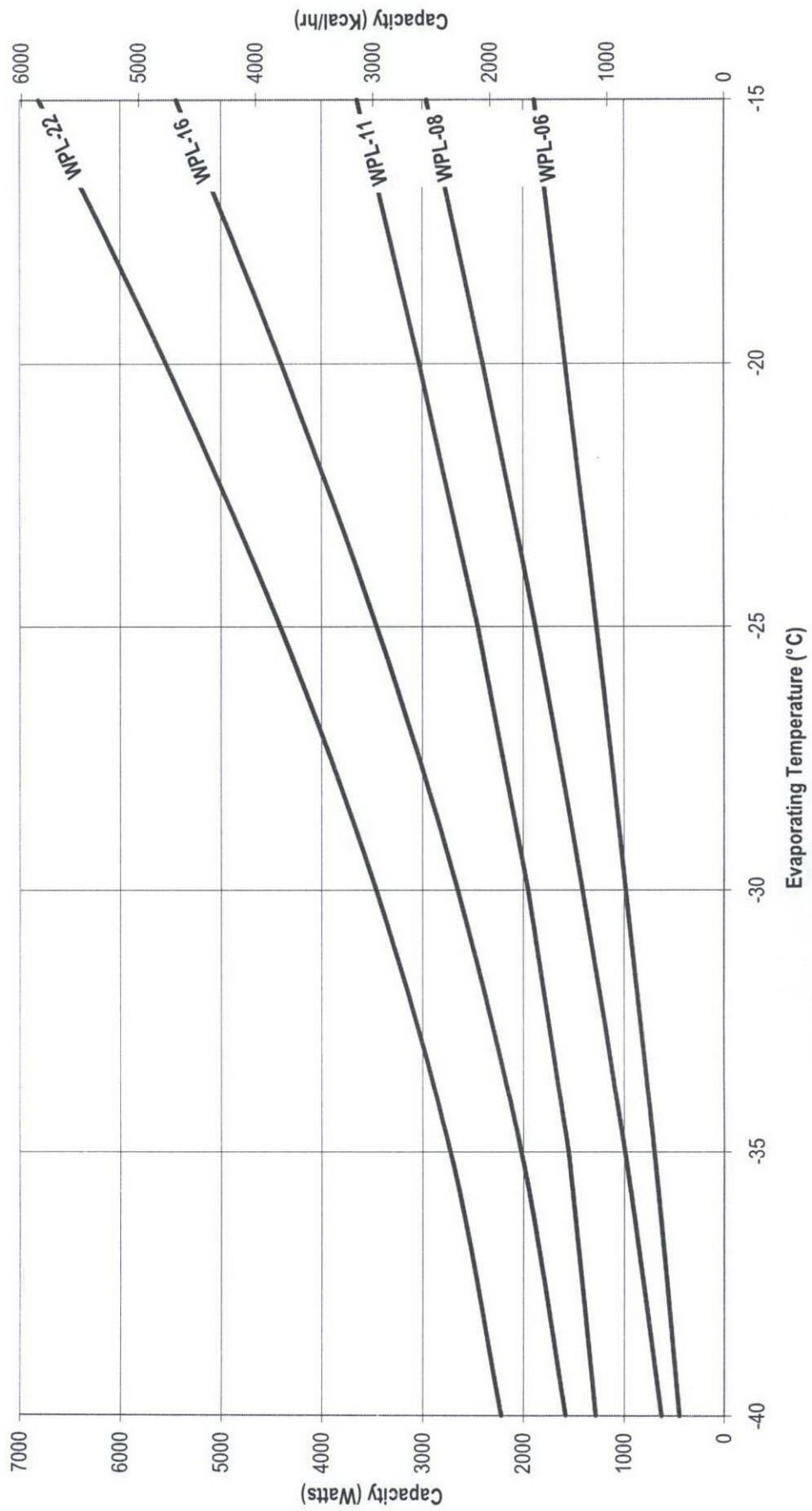
Quietor GQL Condensing Units

Condensing Unit Model	Single Phase		Three Phase	
	HRP Code	£ Each	HRP Code	£ Each
GQL-ZF09	-	-	050178	2452.00
GQL-ZF11	-	-	050180	2586.00
GQL-ZF15	-	-	050182	3021.00
GQL-ZF24	-	-	050184	3431.00
GQL-ZF33	-	-	050186	3698.00
GQL-ZF40	-	-	050188	4395.00
GQL-ZF48	-	-	050190	4691.00

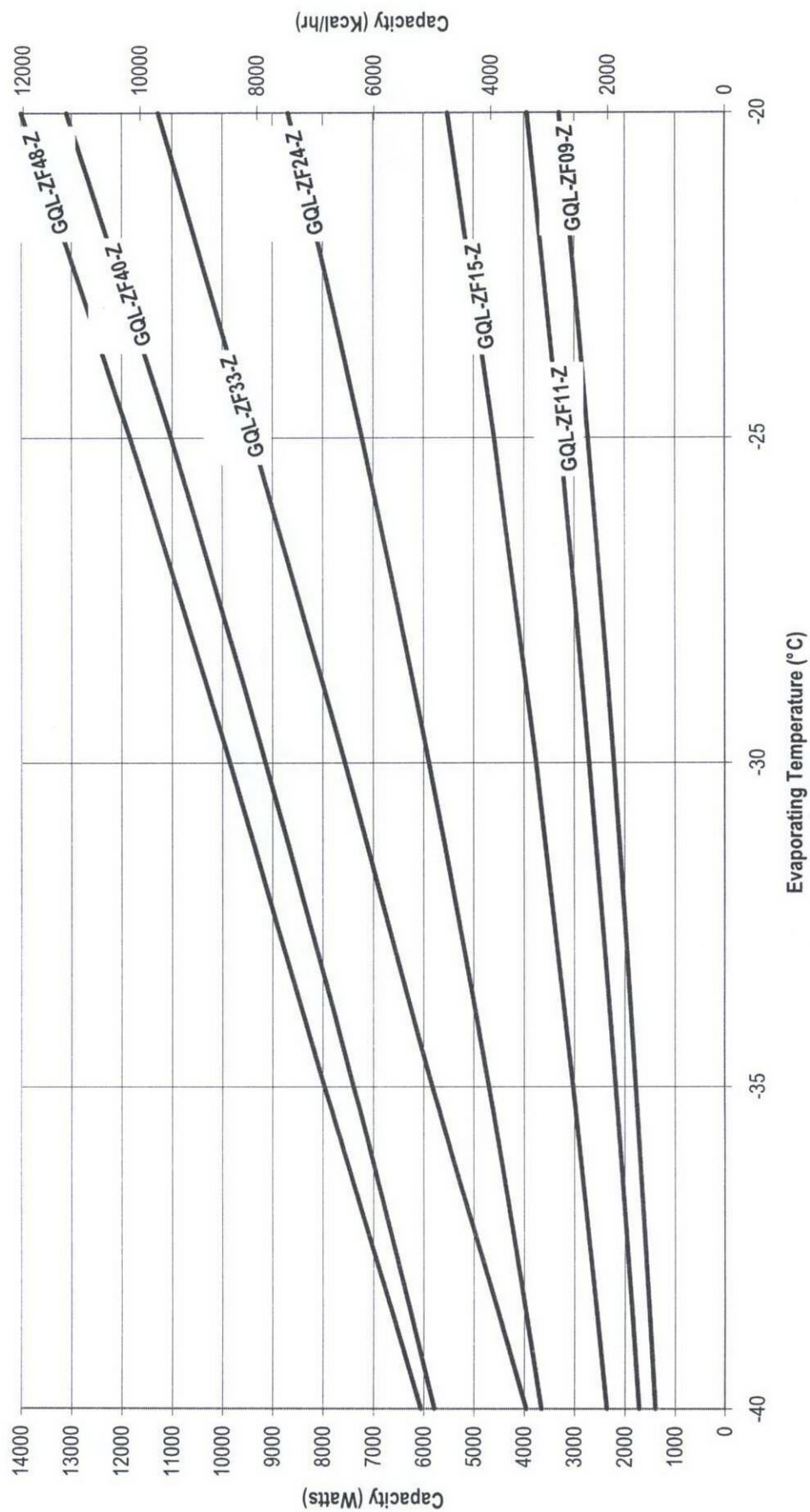
Profroid Quietor GQH Refrigeration Capacities (32° Ambient, 11K Superheat & 3K Subcooling)



Profroid Quietis WPL Refrigeration Capacities (32°C Ambient, 20K Superheat & 0K Subcooling)



Profroid Quietor GQL Refrigeration Capacities (32°C Ambient, 11K Superheat & 3K Subcooling)



FAN No 2 - PANASONIC

New Inverter Series

All models employ R410A,
with RoHS* compliance



RoHS

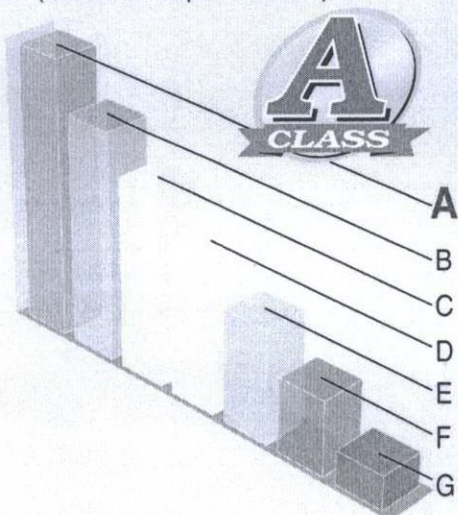
*RoHS : Restriction of Hazardous Substances

Industry Leading COP

Thanks to achievement of the highest COP level in the industry,
the energy consumption has been cut by 24~38% compared
with our former models (constant speed models).

Energy labeling "Class A"

MHI models have cleared the class A standard,
the highest energy saving level, with their high
COP (coefficient of performance).

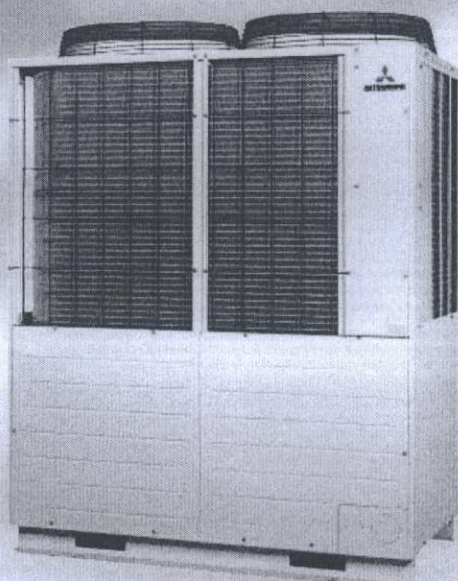


PERTH AND KINROSS COUNCIL

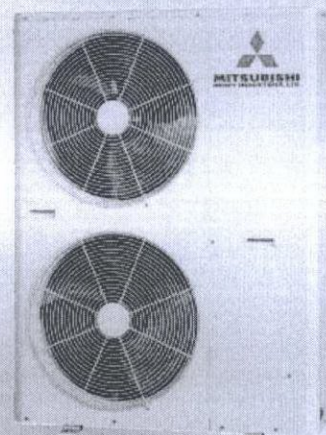
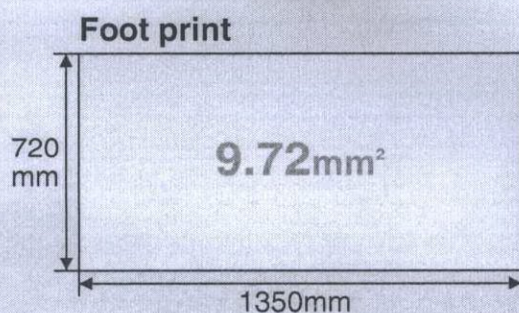
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Compact Design

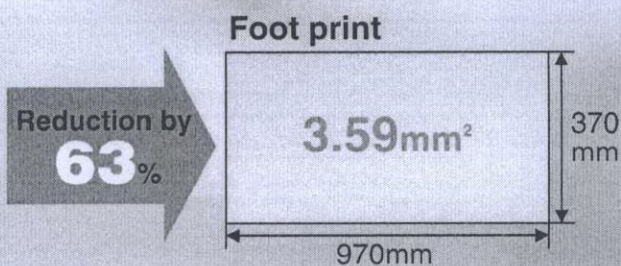
Realization of significant reduction in size and weight compared with our former models, applying front blow outlet on all models. Reductions are 50% in weight of 6HP, 72% in volume of 8HP and 63% in the foot print of 8HP.



Former model(8HP)



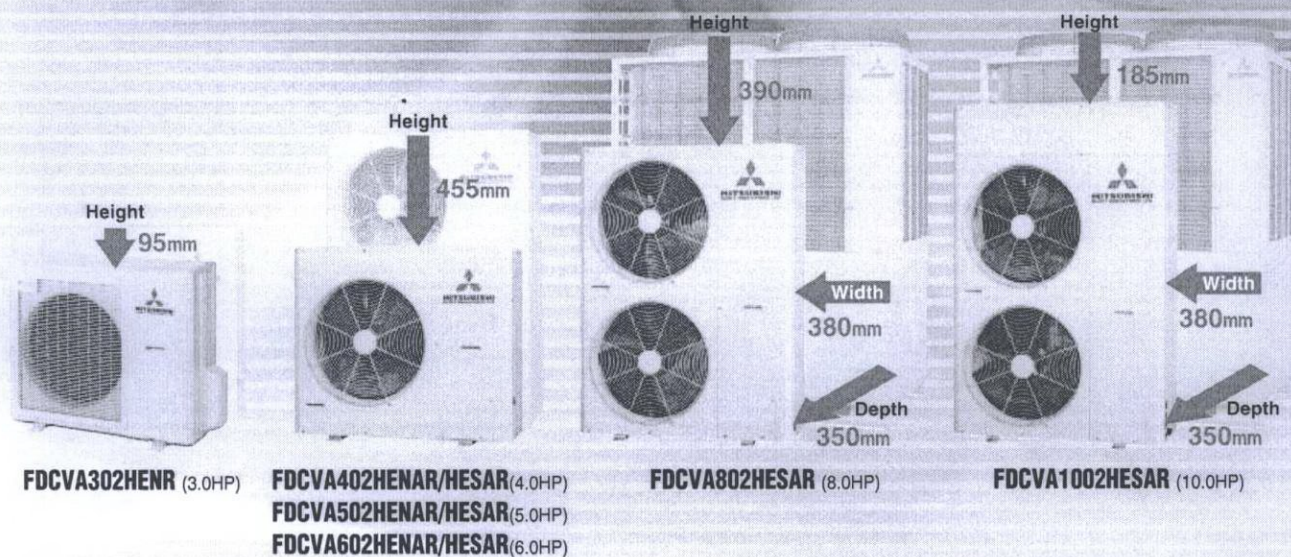
New model(8HP)



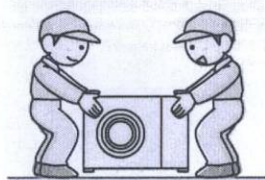
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■ WIRED REMOTE CONTROLLER	22
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Industry leading energy efficiency and



Easy installation



Reduction in weight (kg)

	Former model	New model	Reduction
3.0HP	63	60	-3
4.0HP	82	74	-8
5.0HP	118	74	-44
6.0HP	125	74	-51
8.0HP	225	122	-103
10.0HP	225	140	-85

* Comparison with former models

Fits into elevators



Reduction in volume (%)

	Former model	New model	Reduction
3.0HP	253	224	11%
4.0HP	328	303	8%
5.0HP	467	303	35%
6.0HP	467	303	35%
8.0HP	1643	467	72%
10.0HP	1643	540	67%

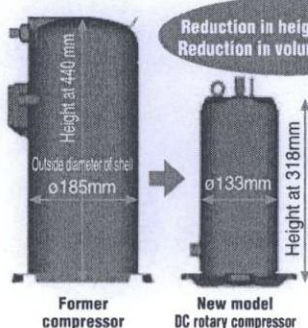
* Comparison with former models

Compact Design

Size reduction and high efficiency performance on the compressor(4-6HP)

Employment of DC rotary compressor has enabled to utilize a high-speed range of up to 120 rps at the maximum to secure the required capacity.

Optimum compressor control has been realized by employing the vector control*. Moreover, the starting current has been improved significantly compared with existing models.



Reduction in height by 27.7%
Reduction in volume by 62.6%

* Vector control means a technique to realize an optimum control by converting the current wave to a smooth sinusoidal waveform

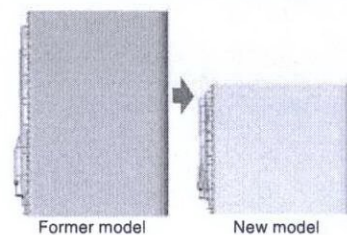


Improved efficiency of heat exchanger

Redesigning the fins to a straight shape has reduced the pressure loss of the airflow in the heat exchanger. Surface treatment on the fin has enhanced the frost resistance capacity compared with former models.

Owing to the reduction in the size of heat exchanger, the appropriate number of circuits for each HP has been applied. Employment of a high-speed motor has increased the airflow and enabled to keep the cooling capacity under a condition of higher outdoor air temperatures*.

* Limitation of use is around 43°C at the maximum.



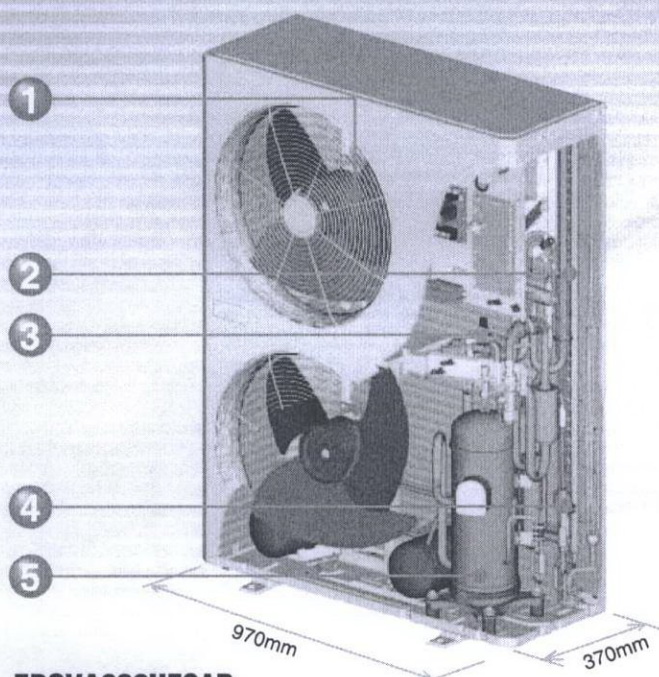
Employment of DC fan motor

Employment of DC fan motor has enabled to realize an excellent efficiency of approx. 60% higher than former models.

Controllability

Reliability in the protection of compressor has been improved by optimizing the controls of oil return, electronic expansion valve, etc.

high reliability from our high technology.



FDCVA802HESAR
(8.0HP)

POINT
1

DC fan motor uses less energy

POINT
2

Optimization of heat exchanger path.
More efficient heating and cooling

POINT
3

Super heat control with low pressure
sensor, works better in tough conditions

POINT
4

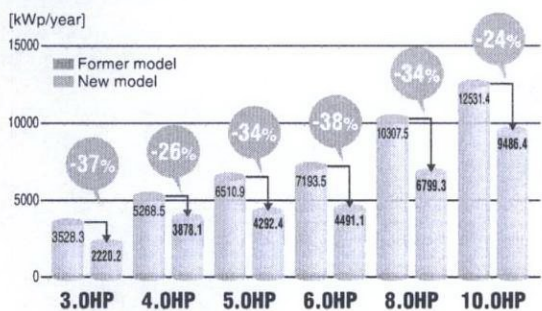
High efficiency refrigeration circuit

POINT
5

Newly developed High efficiency DC
scroll compressor

High Efficiency

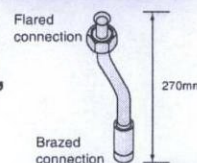
New Inverter Technology means a
24~38% decrease in annual energy
consumption.



Calculation condition: based on JRA4048 place: Tokyo, type of the room: shop

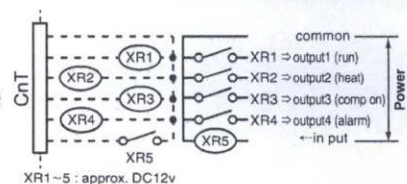
NEW Installation workability (8&10HP)

Using piping attachment that has flared
connection and brazed connection ends,
there is no need conduct brazing work
inside the outdoor unit.



Convenience

A dry contact is
equipped on an indoor
unit to meet a possible
need for signal output
on the site.



Consideration on the Environment

Employment of lead-free solder

Adapt to RoHS

In order to comply with RoHS standard, the new inverter series products use lead-free solder. It was considered to be too difficult to use lead-free solder because it requires higher soldering temperatures at assembling, which could jeopardize the reliability of assembly, etc. PbF soldering method developed by MHI, however, has enabled a higher reliability for lead-free printed circuit boards.

"RoHS" is the abbreviation of the new European standard, which means reduction of hazardous substances.

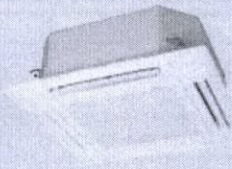





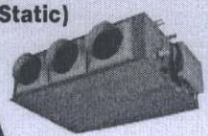


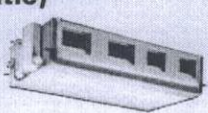



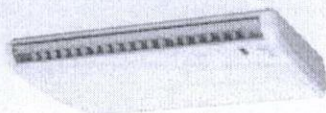


Employment of the new refrigerant R410A

All models of the New inverter series use a new refrigerant R410A characterized by the ozone depletion coefficient being 0.







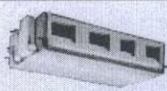




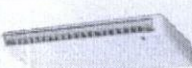



Energy Conservation

A High Performance and Excellent Energy Conservation are achieved at the same time by an increased capacity of heat exchanger and employment of high efficiency DC motor etc.

SINGLE [OUTDOOR UNIT : INDOOR UNIT = 1 : 1]



Model					
		HP	1.5	2.0	2.5
		kW	4.0	5.0	5.6
		Btu	13,700	17,100	19,100
		kcal	3,440	4,300	4,816
CEILING CASSETTE MODEL	FDTVA 4way-cassette 	Indoor unit			
			FDTA151R	FDTA201R	FDTA251R
		Outdoor unit			
		1phase	FDCVA151HENR	FDCVA201HENR	FDCVA251HENR
		3phase			
	FDTCVA 4way-cassette (600mm x 600mm) 	Indoor unit			
			FDTCVA151R	FDTCVA201R	
		Outdoor unit			
		1phase	FDCVA151HENR	FDCVA201HENR	
		Set 1phase	FDTCVA151HEN1R	FDTCVA201HEN1R	
DUCT CONNECTED MODEL	FDUMVA (Low/Middle Static) 	Indoor unit			
				FDUMA202R	FDUMA252R
		Outdoor unit			
		1phase		FDCVA201HENR	FDCVA251HENR
	FDUVA (High Static) 	3phase			
		Set 1phase		FDUMVA201HEN2R	FDUMVA251HEN2R
		3phase			
WALL MOUNTED MODEL	FDKNVA 	Indoor unit			
			FDKNA151R	FDKNA201R	FDKNA251R
		Outdoor unit			
		1phase	FDCVA151HENR	FDCVA201HENR	FDCVA251HENR
		Set 1phase	FDKNVA151HEN1R	FDKNVA201HEN1R	FDKNVA251HEN1R
CEILING SUSPENDED MODEL	FDENVA 	Indoor unit			
			FDENA151R	FDENA201R	FDENA251R
		Outdoor unit			
		1phase	FDCVA151HENR	FDCVA201HENR	FDCVA251HENR
		3phase			
		Set 1phase	FDENVA151HEN1R	FDENVA201HEN1R	FDENVA251HEN1R
		3phase			

Capacity Range (Rated Cooling Capacity)

3.0	4.0	5.0	6.0	8.0	10.0
7.0	10.0	12.5	14.0	20.0	25.0
23,900	34,100	42,700	47,800	68,300	85,400
6,020	8,600	10,750	12,040	17,200	21,500
					
FDTA301R	FDTA401R	FDTA501R	FDTA601R		
					
FDCVA302HENR	FDCVA402HENAR	FDCVA502HENAR	FDCVA602HENAR		
	FDCVA402HESAR	FDCVA502HESAR	FDCVA602HESAR		
FDTVA302HEN1R	*FDTVA402HEN2R	FDTVA502HEN2R	FDTVA602HEN2R		
	*FDTVA402HES2R	FDTVA502HES2R	FDTVA602HES2R		
					
FDUMA302R	FDUMA402R	FDUMA502R	FDUMA602R	FDUA801R	FDUA1001R
					
FDCVA302HENR	FDCVA402HENAR	FDCVA502HENAR	FDCVA602HENAR		
	FDCVA402HESAR	FDCVA502HESAR	FDCVA602HESAR	FDCVA802HESAR	FDCVA1002HESAR
FDUMVA302HEN2R	FDUMVA402HEN2R	FDUMVA502HEN2R	FDUMVA602HEN2R		
	FDUMVA402HES2R	FDUMVA502HES2R	FDUMVA602HES2R	*FDUVA801HES2R	*FDUVA1002HES2R
					
FDENA301R	FDENA401R	FDENA501R	FDENA601R		
					
FDCVA302HENR	FDCVA402HENAR	FDCVA502HENAR	FDCVA602HENAR		
	FDCVA402HESAR	FDCVA502HESAR	FDCVA602HESAR		
FDENVA302HEN1R	FDENVA402HEN2R	FDENVA502HEN2R	FDENVA602HEN2R		
	FDENVA402HES2R	FDENVA502HES2R	FDENVA602HES2R		

*Not available in 60Hz

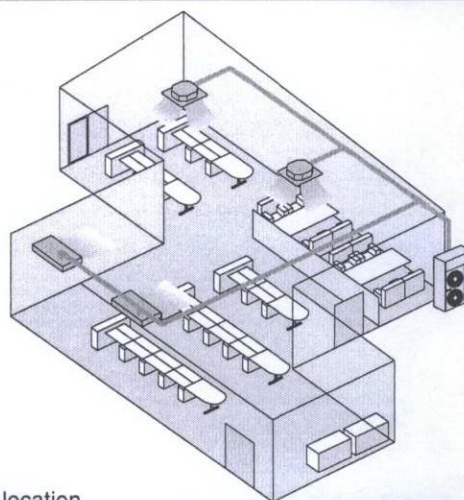
MULTI [OUTDOOR UNIT : INDOOR UNIT = 1 : 2, 3, 4] – V MULTI SYSTEM

Model	Capacity			
	HP	3.0	4.0	5.0
	kW	7.0	10.0	12.5
	Btu	23,900	34,100	42,700
	Kcal	6,020	8,600	10,750
FDTVA	Indoor unit	Different models(FDTVA,FDUMVA,FDENVA) and capacity(151 ~ 501) can be selected freely. Exception : In case of FDKNVA, FDCVVA series are selected, same model and capacity combination is required.		
FDCVVA				
FDUMVA				
FDKNVA				
FDENVA				
	Branch Pipe	Twin	151 x 2	201 x 2
		Triple	—	—
		Double Twin	—	—
		Twin	DIS-WA1	DIS-WA1
		Triple	—	—
	Outdoor unit	Double Twin	—	—
				
			FDCVA302HENR	FDCVA402HENR
			FDCVA402HESAR	FDCVA502HESAR
				FDCVA502HESAR

V Multi system

Up to four individual indoor units can be connected to a single outdoor unit.

Ideal for the installation in Large, single zone open Areas and L-shaped rooms, the Multi-Type V series allows an extensive degree of flexibility in the selection of indoor units. Specifically, the selection of indoor units with differing capacities and differing or similar types is available, as is the selection of indoor units with similar capacities and differing types. Furthermore, a maximum of up to four individual indoor units can be operated with a single outdoor unit.



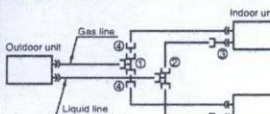
V Multi System Refrigerant piping work

Select the piping specification to fit the specification of Indoor unit and installation location.

Decision of piping specification

Twin type

Models FDCVA302~602
[Branch pipe set : DIS-WA1]

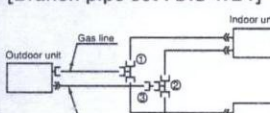


(Example)

Model	Indoor unit combinations	Liquid pipe		Gas pipe	
		Main pipe	Branch pipe	Main pipe	Branch pipe
FDCVA302	151+151	—	—	—	—
FDCVA402	201+201	9.52X10.8	9.52X10.8	15.88X11.0	12.7X10.8
FDCVA502	251+251	—	—	—	—
FDCVA602	301+301	—	—	—	—

Notes (1) If you are using this model in combination with the 151 ~ 251 Series indoor units, use the irregular fittings 3 supplied with the branch piping set and make the branch piping (branch - indoor unit) liquid piping size #9.52.
(2) Mark is ② for FDCVA302, 402 only.

Models FDCVA802, 1002
[Branch pipe set : DIS-WB1]

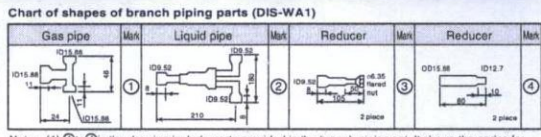


(Example)

Model	Indoor unit combinations	Liquid pipe		Gas pipe	
		Main pipe	Branch pipe	Main pipe	Branch pipe
FDCVA802	401+401	9.52X10.8	9.52X10.8	25.4X10.8	15.88X11.0
FDCVA1002	501+501	12.7X10.8	—	—	—

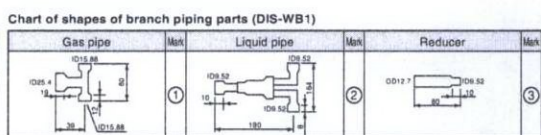
Notes (1) In the case of the FDCVA802, if the length of the main pipe exceeds 40 m, make the liquid piping size #12.7.
(2) Branch piping should always be arranged to have level or perpendicular branch. (Refer to the preceding page for details.)

Chart of shapes of branch piping parts (DIS-WA1)



Notes (1) ①②③ in the drawing include parts provided in the branch piping set. It shows the codes for the shapes of different-diameter connections.
(2) Branch piping should always be arranged to have level or perpendicular branch. (Refer to the preceding page for details.)

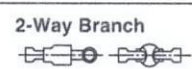
Chart of shapes of branch piping parts (DIS-WB1)



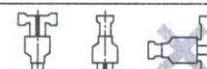
Notes (1) ①②③ in the drawing include parts provided in the branch piping set. It shows the codes for the shapes of different-diameter connections.
(2) Branch piping should always be arranged to have level or perpendicular branch. (Refer to the preceding page for details.)

The branch piping (both gas and liquid lines) should always be arranged to have a level or perpendicular branch.

2-Way Branch

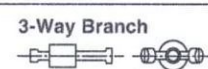


Mount — sections level with the floor.

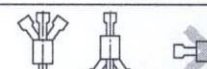


Mount — sections perpendicular to the floor.

3-Way Branch



Mount — sections level with the floor.



Mount — sections perpendicular to the floor.

Combination in the table can be operated at 50/60Hz.

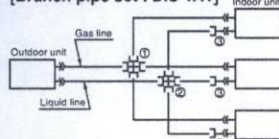
FDTA401R is not available in 60Hz.

Range (Cooling Capacity)

6.0	8.0	10.0
14.0	20.0	25.0
47,800	68,300	85,400
12,040	17,200	21,500
301 x 2	401 x 2, 301+501	501 x 2
201+201+201	301+301+301	201+401+401, 251+251+501, 301+301+401
—	201+201+201+201	251+251+251+251
DIS-WA1	DIS-WB1	DIS-WB1
DIS-TA1	DIS-TB1	DIS-TB1
—	DIS-WA1 x 2, DIS-WB1 x 1	DIS-WA1 x 2, DIS-WB1 x 1
FDCVA602HENAR FDCVA602HESAR	FDCVA802HESAR	FDCVA1002HESAR

Triple type

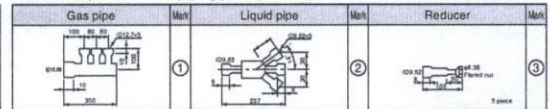
Model FDCVA602 [Branch pipe set : DIS-TA1]



Item	Indoor unit combinations	Liquid pipe		Gas pipe	
		Main pipe	Branch pipe	Main pipe	Branch pipe
FDCVA602	201+201+201	φ9.52X10.8	φ9.52X10.8	φ15.88X11.0	φ12.7X10.8

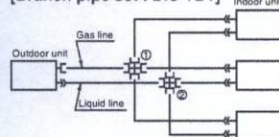
Notes (1) Use the irregular fittings supplied with the branch piping set on the indoor unit side, and make the branch piping (branch - indoor unit) liquid piping size φ9.52

Chart of shapes of branch piping parts (DIS-TA1)



Notes (1) ①②③ in the drawing include parts provided in the branch piping set. It shows the codes for the shapes of different-diameter connections.
(2) Branch piping should always be arranged to have level or perpendicular branch. (Refer to the preceding page for details.)

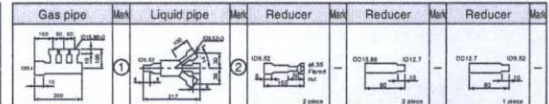
Model FDCVA802, 1002 [Branch pipe set : DIS-TB1]



Item	Indoor unit combinations	Liquid pipe		Gas pipe	
		Main pipe	Branch pipe	Main pipe	Branch pipe
FDCVA802	301+301+301	φ9.52X10.8	φ9.52X10.8	φ25.4X11.0	φ15.88X10.8
FDCVA1002	251+251+251+251	φ12.7X10.8	φ12.7X10.8	φ15.88X10.8	φ15.88X10.8

Notes (1) If the length of the main pipe exceeds 40 m, make the liquid piping size φ12.7

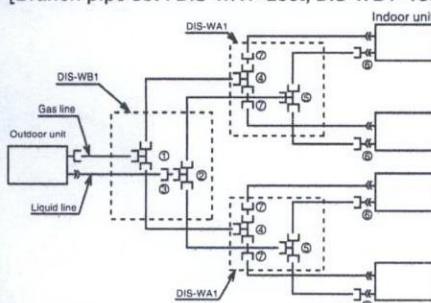
Chart of shapes of branch piping parts (DIS-TB1)



Notes (1) ①②③ in the drawing include parts provided in the branch piping set. It shows the codes for the shapes of different-diameter connections.
(2) Branch piping should always be arranged to have level or perpendicular branch. (Refer to the preceding page for details.)

Double twin type

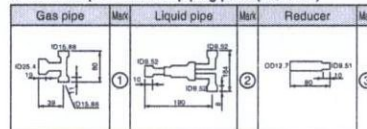
Models FDCVA802, 1002 [Branch pipe set : DIS-WA1x2set, DIS-WB1x1set]



Item	Indoor unit combinations	Liquid pipe			Gas pipe		
		Main pipe	1st branch pipe	2nd branch pipe	Main pipe	1st branch pipe	2nd branch pipe
FDCVA802	201+201+201+201	φ9.52X10.8	φ9.52X10.8	φ9.52X10.8	φ25.4X11.0	φ15.88X11.0	φ12.7X10.8
FDCVA1002	251+251+251+251	φ12.7X10.8	φ12.7X10.8	φ12.7X10.8	φ15.88X11.0	φ15.88X11.0	φ15.88X11.0

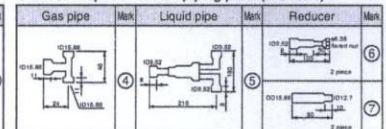
Notes (1) In the case of the FDCVA802, if the length of the main pipe exceeds 40 m, make the liquid piping size φ12.7.
(2) Use the irregular fittings supplied with the branch piping set on the indoor unit side, and make the branch piping (branch - indoor unit) liquid piping size φ9.52.
(3) Mark ③ to FDCVA802 only.

Chart of shapes of branch piping parts (DIS-WB1)



Notes (1) ①②③ in the drawing include parts provided in the branch piping set. It shows the codes for the shapes of different-diameter connections.
(2) Branch piping should always be arranged to have level or perpendicular branch.
(3) Mark ③ shows for the FDCVA802 model only.

Chart of shapes of branch piping parts (DIS-WA1)



Installation manual for pipe size reducer kit

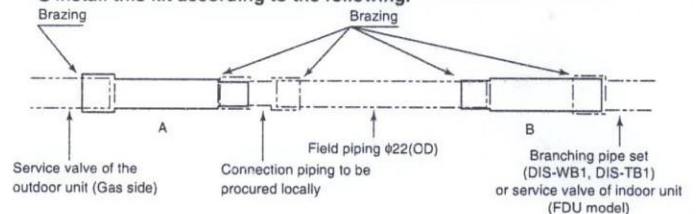
Applicable outdoor models	FDCVA802	φ22.2 (OD) size of the refrigerant gas pipe can be used by using this kit, although φ25.4 (OD) size of the refrigerant gas pipe is standard. (When φ25.4 (OD) size of the refrigerant gas pipe is used, this kit doesn't be needed.) (-) OD: Outer diameter.
	FDCVA1002	

● This kit includes the following parts.

A		B	
ID25.4	OD22.2	OD25.4	ID22.2

(*) ID: Inner diameter.

● Install this kit according to the following.



INDOOR UNIT

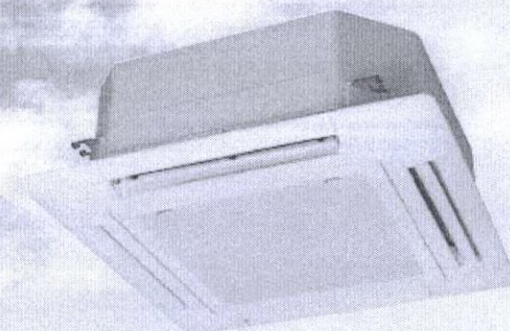
CEILING CASSETTE MODEL

FDTVA series (4way-cassette type)

New panel design.
A new model, beauty emerging
from functionality.



A new design keeps the ceiling clean
Installation is easier with corner covers



FDTVA151/201/251/301/401/501/601

Wireless remote controller

Wired remote controller

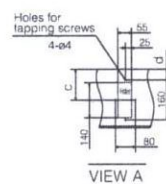
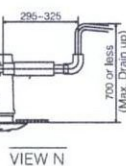
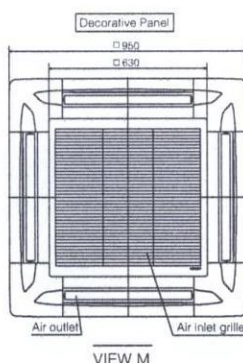
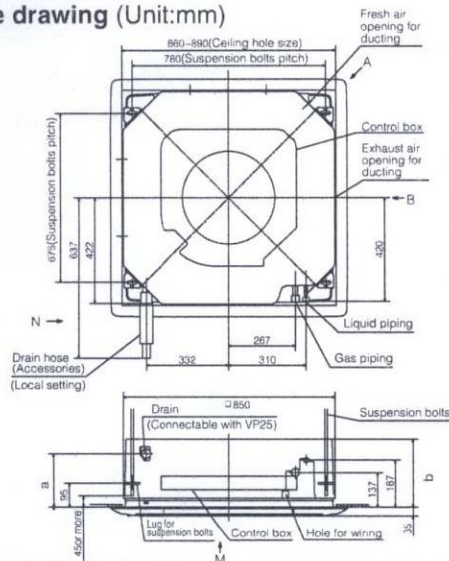


RCN-T-35W-ER
(Option)

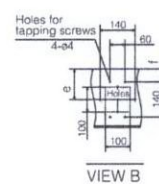


RC-E1R
(Option)

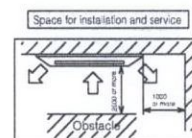
Outline drawing (Unit:mm)



VIEW A



VIEW B



Dimension Table

model	a	b	c	d	e	f
FDTA151-301	212	270	123	43	122	52
FDTA401	212	295	148	68	147	77
FDTA501-601	269	365	218	138	215	147

Point 1

Installation workability

Installation height can
be adjusted from front
panel's corner cover.

Corner cover can be removed and
help installation work.



Wireless remote controller kit.

Receiver kit can
be set in any
corner of front
panel.

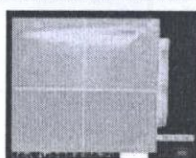
Receiver kit



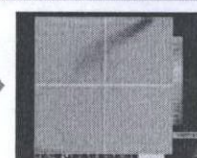
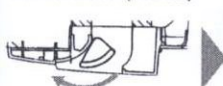
Point 2

"Clearer" Air flow

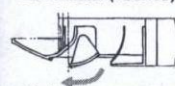
Ceiling contamination
reduced by improved
louver shape and angle.



Former Model (8series)



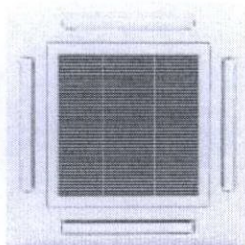
New Model (1series)



Air flow improved, a new
louver shape and angle
keeps the ceiling clean.

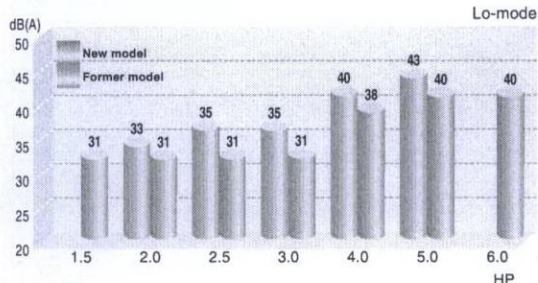
Point
3

New design --- Drastic-reduction of noise level



Plus more acoustic insulation has created a drastic reduction of noise level.

Sound pressure level:dB(A)



SPECIFICATIONS

Set model name			FDTVA151HEN1R	FDTVA201HEN1R	FDTVA251HEN1R	
Indoor name			FDTA151R	FDTA201R	FDTA251R	
Outdoor name			FDCVA151HENR	FDCVA201HENR	FDCVA251HENR	
Power source			1Phase 220~240V 50Hz ,1Phase 220V 60Hz			
Type			Inverter			
Nominal cooling capacity (Min~Max)	ISO-T1(JIS)	kW	4.0 (1.8~4.7)	5.0 (2.2~5.6)	5.6 (2.8~6.3)	
Nominal heating capacity (Min~Max)	ISO-T1(JIS)	kW	4.5 (2.0~5.4)	5.4 (2.5~6.3)	6.7 (3.1~7.1)	
Input	Cooling/Heating	kW	50Hz:1.22/1.32 60Hz:1.23/1.32	50Hz:1.42/1.49 60Hz:1.43/1.49	50Hz:1.64/1.78 60Hz:1.65/1.79	
COP	Cooling/Heating		50Hz:3.28/3.41 60Hz:3.25/3.41	50Hz:3.52/3.62 60Hz:3.50/3.62	50Hz:3.41/3.76 60Hz:3.39/3.74	
Energy label	Cooling/Heating		A/B	A/A	A/A	
Inrush current		A	5			
Noise level	Indoor*1	dB(A)	33-32-31		35-33-31	
	Outdoor		48			
Air flow	Indoor*1	CMM	15-14-13		17-15-13	
	Outdoor		41			
Indoor unit	Exterior dimensions	Height x Width x Depth	mm 270x840x840			
	Panel	Height x Width x Depth	mm 35x950x950			
	Net weight	Unit+Panel	kg 24+7			
	Panel+Remote controller		T-PSA-35W-ER+RCN-T-35W-ER, T-PSA-35W-ER+RC-E1R			
Outdoor unit	Exterior dimensions	Height x Width x Depth	mm 595x780(+67)x290			
	Net weight		kg 40			
	Type of compressor		Scroll			
	Ref.control		EEV			
Range of usage	Ref.amount precharged	kg(m)	1.55(30)		1.75(30)	
	Ref.piping size	Liquid/Gas	ø	6.35/12.7 6.35/15.88		
	Ref.piping length		m	40		
Limitations	Vertical height difference	between O/U and I/U	<O/U 30			
			>O/U 15			
		Air temp.	Cooling	I/U	18~30D.B	
				O/U	-5~43D.B	
	Heating	I/U	18~30D.B			
O/U		-10~24D.B				

SPECIFICATIONS

Set model name		FDTVA302HEN1R		*FDTVA402HEN2R	FDTVA502HEN2R	FDTVA602HEN2R	*FDTVA402HES2R	FDTVA502HES2R	FDTVA602HES2R
Indoor name		FDTA301R		FDTA401R	FDTA501R	FDTA601R	FDTA401R	FDTA501R	FDTA601R
Outdoor name		FDCVA302HENR		FDCVA402HENAR	FDCVA502HENAR	FDCVA602HENAR	FDCVA402HESAR	FDCVA502HESAR	FDCVA602HESAR
Power source		1Phase 220~240V 50Hz ,1Phase 220V 60Hz					3phase,380-415V 50Hz/380V 60Hz		
Type		Inverter							
Nominal cooling capacity (Min~Max)	ISO-T1(JIS)	kW	7.1 (3.8~8.0)	10.0 (6.1~11.2)	12.5 (6.5~14.0)	14.0 (6.7~14.8)	10.0 (6.1~11.2)	12.5 (6.5~14.0)	14.0 (6.7~14.8)
Nominal heating capacity (Min~Max)	ISO-T1(JIS)	kW	8.0 (4.0~9.0)	11.2 (5.6~12.5)	14.0 (6.2~16.0)	16.0 (6.3~16.8)	11.2 (5.6~12.5)	14.0 (6.2~16.0)	16.0 (6.3~16.8)
Input	Cooling/Heating	kW	50Hz:1.90/2.07 60Hz:1.91/2.08	2.88/3.12	4.05/3.97	4.65/4.54	2.97/2.92	4.05/3.97	4.65/4.54
COP	Cooling/Heating		50Hz:3.74/3.86 60Hz:3.72/3.85	3.47/3.59	3.09/3.53	3.01/3.52	3.37/3.84	3.09/3.53	3.01/3.52
Energy label	Cooling/Heating		A/A	A/B	B/B		A/A	B/B	
Inrush current		A	5						
Noise level	Indoor*1	dB(A)	35-33-31	43-41-38	45-43-40		43-41-38	45-43-40	
	Outdoor		48	50	52	53	50	52	53
Air flow	Indoor*1	CMM	17-15-13	22-20-18	29-26-23	30-26-23	22-20-18	29-26-23	30-26-23
	Outdoor		Cooling:60 Heating:48.5	Cooling:75 Heating:73					
Indoor unit	Exterior dimensions	Height x Width x Depth	mm	270x840x840	295x840x840	365x840x840		295x840x840	365x840x840
	Panel	Height x Width x Depth	mm	35x950x950					
	Net weight	Unit+Panel	kg	24+7	26+7	31+7		26+7	31+7
	Panel+Remote controller			T-PSA-35W-ER+RCN-T-35W-ER, T-PSA-35W-ER+RC-E1R					
Outdoor unit	Exterior dimensions	Height x Width x Depth	mm	750x880(+88)x340	845x970x370				
	Net weight		kg	60	74				
	Type of compressor			Rotary					
	Ref.control			EEV					
Range of usage	Ref.amount precharged		kg(m)	2.95(30)	3.8(30)				
	Ref.piping size	Liquid/Gas	ø	9.52/15.88	9.52/15.88				
	Ref.piping length		m	50					
	Vertical height difference	between O/U and I/U		<O/U	30				
Limitations	Air temp.	Cooling		>O/U	15				
				I/U	18~30D.B				
		Heating		O/U	-15~43D.B*2				
				I/U	18~30D.B				
			O/U	-10~24D.B					

*1 : Indicates the value at mild mode in an anechoic chamber.

*Not available in 60Hz

*2 : If a cooling operation is conducted when the outdoor air temperature is -5°C or lower, the outdoor unit should be installed at a place where it is not influenced by natural wind. If wind blows, the low pressure will drop and compressor frequency will increase, this will cause the capacity to drop and may cause the unit to break down.

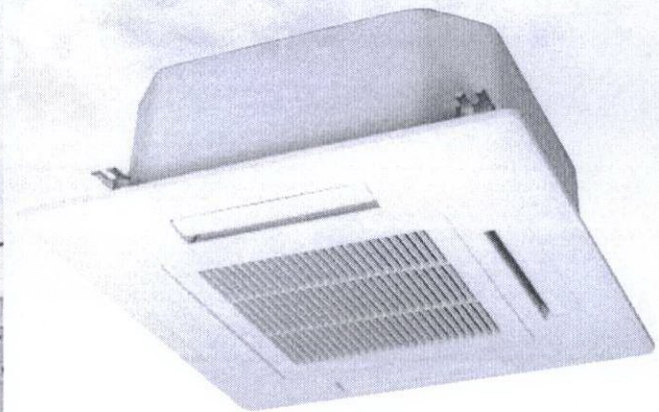
INDOOR UNIT

CEILING CASSETTE MODEL

FDTCVA series

(4way-cassette type)

Super Compact 4-way-cassette type
for metric ceiling mounted system



FDTCVA

Compact design

Comfortable and Convenient

The industry's Top-class COP 3.75*

* FDTCVA151HEN1R, heating mode.

Wireless remote controller



RCN-TC-W-ER
(Option)

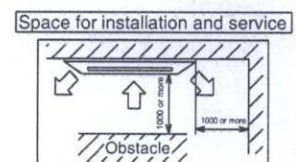
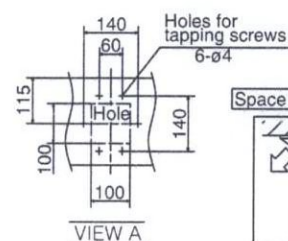
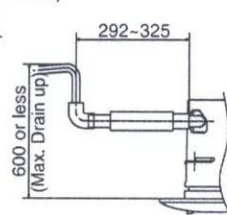
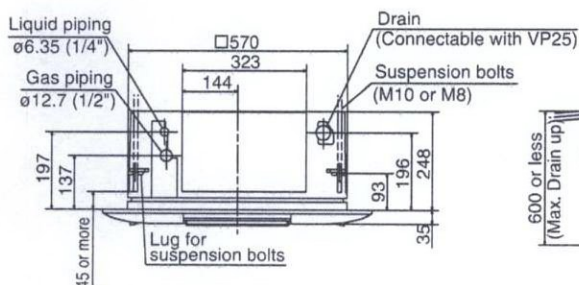
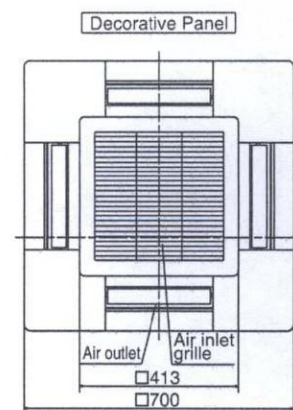
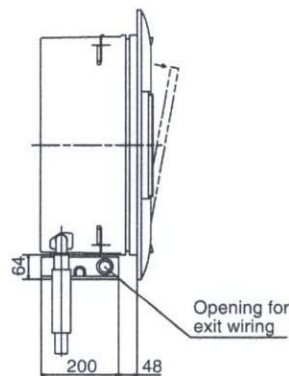
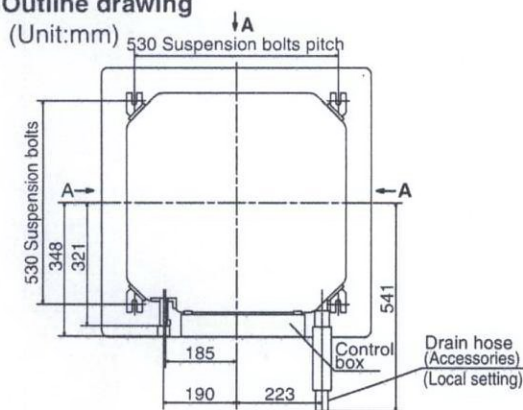
Wired remote controller



RC-E1R
(Option)

Outline drawing

(Unit:mm)



Point
1

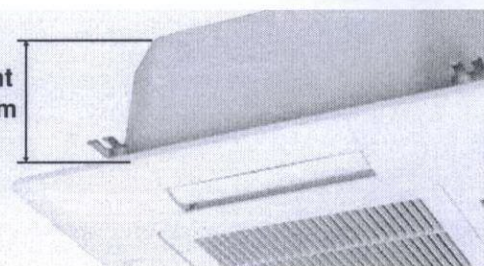
Compact Concept

The industry's lowest 248mm height.

Panel size (700×700) is suitable for 600×600 ceiling panel.

All indoor unit size is (W×D: 570×570). It brings easy installation for 600×600 ceiling panel.

Height
248mm



Point
2

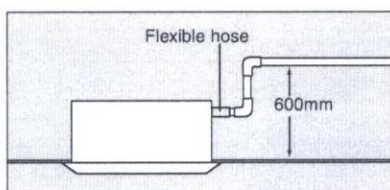
Comfortable and Convenient

- Wired remote controller or Wireless remote controller can be selected.
- All units are 19.5kg, light weight unit.
- Thanks to width and depth of exterior dimensions of a indoor unit are 570mm each, the installation work can be conducted smoothly with a beautiful finishing even in case of 2x4 ceiling size.

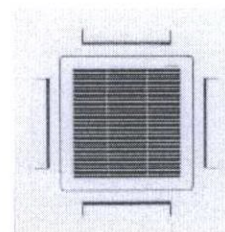
•600mm Drain Pump is mounted.

Drain can be discharged upward by 600 mm from the ceiling surface close to the indoor unit.

It allows a piping layout with a high degree of freedom depending on the installation location.



- New designed panel is developed exclusively for FDTCA series.



SPECIFICATIONS

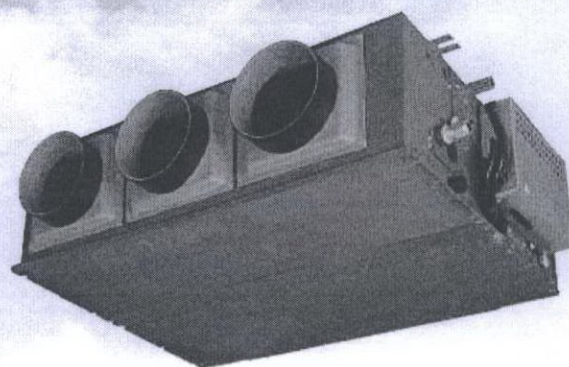
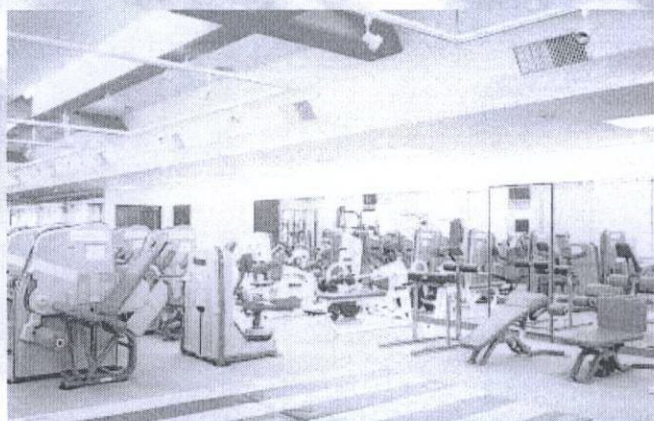
Set model name			FDTCA151R	FDTCA201R
Indoor name			FDTCA151R	FDTCA201R
Outdoor name			FDCVA151HENR	FDCVA201HENR
Power source			1Phase 220~240V 50Hz , 1Phase 220V 60Hz	
Type			Inverter	
Nominal cooling capacity (Min~Max)	ISO-T1 (JIS)	kW	4.0 (1.8~4.7)	5.0 (2.2~5.6)
Nominal heating capacity (Min~Max)	ISO-T1 (JIS)	kW	4.5 (2.0~5.4)	5.4 (2.5~6.3)
Input	Cooling/Heating	kW	1.15/1.20	1.62/1.53
COP	Cooling/Heating		3.48/3.75	3.09/3.53
Energy label	Cooling/Heating		A/A	B/B
Inrush current		A	5	
Noise level	Indoor*1	dB(A)	42-38-35	
	Outdoor		48	
Air flow	Indoor*1	CMM	11.5-10-8	
	Outdoor		41	
Indoor unit	Exterior dimensions	Height x Width x Depth	mm	
	Panel	Height x Width x Depth	mm	
	Net weight	Unit+Panel	kg	
Panel+Remote controller			TC-PSA-24W-ER+RCN-TC-W-ER, TC-PSA-24W-ER+RC-E1R	
Outdoor unit	Exterior dimensions	Height x Width x Depth	mm	
	Net weight		kg	
	Type of compressor		Scroll	
Range of usage	Ref.control		EEV	
	Ref.amount precharged	kg(m)	1.55(30)	
	Ref.piping size	Liquid/Gas	ø	
Limitations	Ref.piping length	m	40	
	Vertical height difference	between O/U and I/U	<O/U	
		>O/U	30	
			15	
	Air temp.	Cooling	I/U	
			O/U	
			18-30 D.B	
			-5-43 D.B	
			I/U	
			18-30 D.B	
			O/U	
			-10-24 D.B	

*1 : Indicates the value at mild mode

INDOOR UNIT

DUCT CONNECTED MODEL

FDUMVA series



Selectable static pressure (Max 85Pa on 3 to 5HP).

Flexible duct design with selectable air suction (direct suction/duct suction).

Built-in 600mm high-head drain pump.

The industry's lowest noise level.

FDUMVA202/252/302/402/502/602

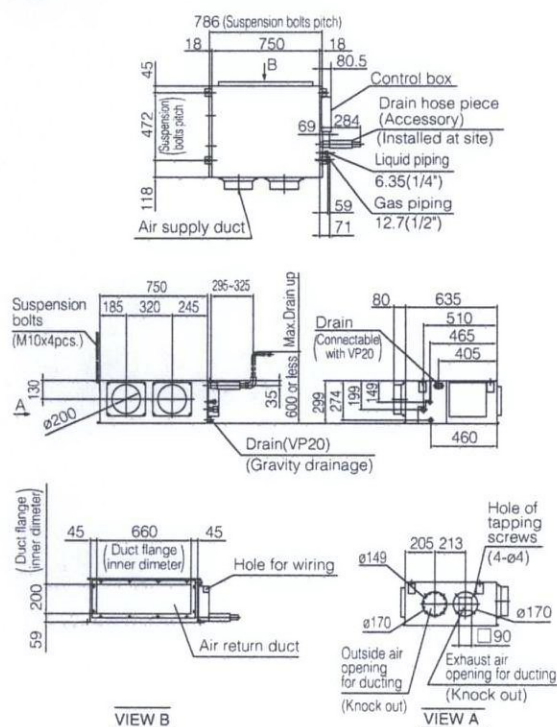
Wired remote controller



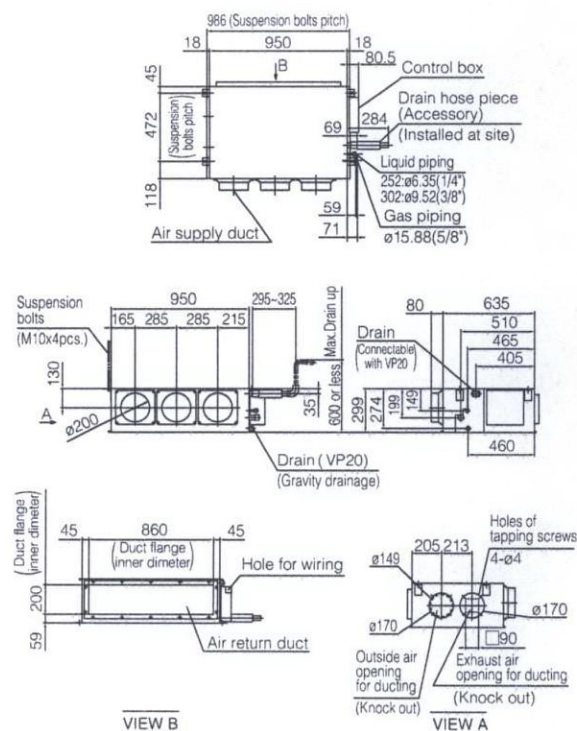
RC-E1R
(Option)

Outline drawing(Unit:mm)

Model FDUMA202R

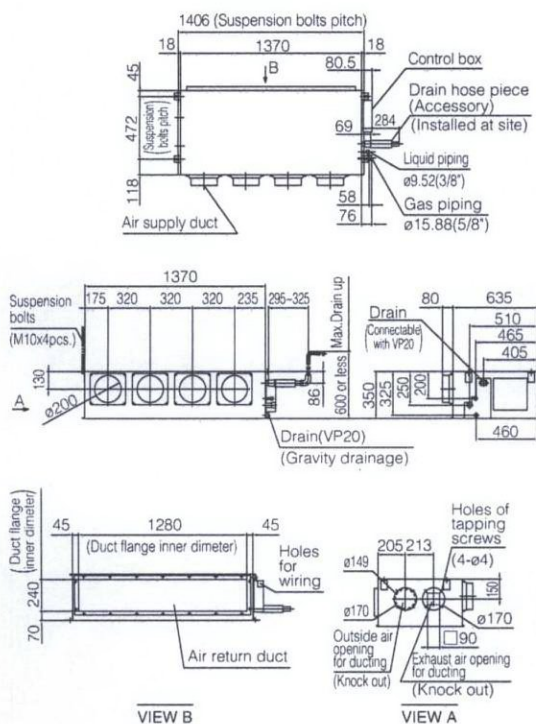


Models FDUMA252R,302R



Outline drawing(Unit:mm)

Models FDUMA402R,502R,602R



SPECIFICATIONS

Set model name		FDUMVA201HEN2R	FDUMVA251HEN2R	FDUMVA302HEN2R
Indoor name		FDUMA202R	FDUMA252R	FDUMA302R
Outdoor name		FDCVA201HENR	FDCVA251HENR	FDCVA302HENR
Power source		1Phase 220~240V 50Hz ,1Phase 220V 60Hz		
Type		Inverter		
Nominal cooling capacity (Min~Max)	ISO-T1 (JIS)	kW	5.0 (2.2~5.6)	7.1 (3.5~8.0)
Nominal heating capacity (Min~Max)	ISO-T1 (JIS)	kW	5.4 (2.5~6.3)	8.0 (4.0~9.0)
Input	Cooling/Heating	kW	1.53/1.58	2.08/2.21
COP	Cooling/Heating		3.27/3.42	3.37/3.52
Energy label	Cooling/Heating		A/B	A/A
Inrush current		A	5	
Noise level	Indoor*1	dB(A)	34-31-28	
	Outdoor		48	
Air flow	Indoor*1	CMM	14-12-11	18-16-14
	Outdoor		41	20-18-15
Static pressure		Pa	standard:50, Max:85	
Exterior dimensions	Height x Width x Depth	mm	299x750x635	
Net weight		kg	34	
Remote controller			RC-E1R	
Exterior dimensions	Height x Width x Depth	mm	595x780(+67)x290	
Net weight		kg	40	
Type of compressor			Scroll	
Ref.control			EEV	
Ref.amount precharged		kg(m)	1.55(30)	
Ref.piping size	Liquid/Gas	ø	6.35/12.7	
Ref.piping length		m	40	
Vertical height difference	between O/U and I/U	<O/U	30	
		>O/U	15	
Limitations	Air temp.	Cooling	I/U	18-30D.B
			O/U	-5~43D.B
		Heating	I/U	18-30D.B
			O/U	-10~24D.B

SPECIFICATIONS

Set model name			FDUMVA402HEN2R	FDUMVA502HEN2R	FDUMVA602HEN2R	FDUMVA402HES2R	FDUMVA502HES2R	FDUMVA602HES2R
Indoor name			FDUMA402R	FDUMA502R	FDUMA602R	FDUMA402R	FDUMA502R	FDUMA602R
Outdoor name			FDCVA402HENAR	FDCVA502HENAR	FDCVA602HENAR	FDCVA402HESAR	FDCVA502HESAR	FDCVA602HESAR
Power source			1Phase 220~240V 50Hz ,1Phase 220V 60Hz			3phase,380-415V 50Hz/380V 60Hz		
Type			Inverter					
Nominal cooling capacity (Min~Max)	ISO-T1(JIS)	kW	10.0 (6.1~11.2)	12.5 (6.7~14.0)	14.0 (6.7~14.5)	10.0 (6.1~11.2)	12.5 (6.7~14.0)	14.0 (6.7~14.5)
Nominal heating capacity (Min~Max)	ISO-T1(JIS)	kW	11.2 (6.0~12.5)	14.0 (6.2~16.0)	16.0 (6.3~16.5)	11.2 (6.0~12.5)	14.0 (6.2~16.0)	16.0 (6.3~16.5)
Input	Cooling/Heating	kW	50Hz:2.80/2.77 60Hz:2.80/2.80	50Hz:4.03/3.80 60Hz:4.03/3.85	50Hz:4.95/4.75 60Hz:4.95/4.91	50Hz:2.80/2.77 60Hz:2.80/2.80	50Hz:4.03/3.80 60Hz:4.03/3.85	50Hz:4.95/4.75 60Hz:4.95/4.91
COP	Cooling/Heating		50Hz:3.57/4.04 60Hz:3.57/4.00	50Hz:3.10/3.68 60Hz:3.10/3.64	50Hz:2.83/3.37 60Hz:2.83/3.26	50Hz:3.57/4.04 60Hz:3.57/4.00	50Hz:3.10/3.68 60Hz:3.10/3.64	50Hz:2.83/3.37 60Hz:2.83/3.26
Energy label	Cooling/Heating		A/A	B/A	C/C	A/A	B/A	C/C
Inrush current			A	5				
Noise level	Indoor*1	dB(A)	37-35-32	38-36-33		37-35-32	38-36-33	
	Outdoor		50	52	53	50	52	53
Air flow	Indoor*1	CMM	28-25-22	34-31-27		28-25-22	34-31-27	
	Outdoor		Cooling:75 Heating:73					
Static pressure			Pa	standard:60, Max:90	standard:60, Max:85	standard:60, Max:90	standard:60, Max:85	
Indoor unit	Exterior dimensions	Height x Width x Depth	mm	350x1,370x635				
	Net weight		kg	59				
	Remote controller			RC-E1R				
Outdoor unit	Exterior dimensions	Height x Width x Depth	mm	845x970x370				
	Net weight		kg	74				
	Type of compressor			Rotary				
	Ref.control			EEV				
	Ref.amount precharged		kg(m)	3.8(30)				
	Ref.piping size	Liquid/Gas	ø	9.52/15.88				
	Ref.piping length		m	50				
Range of usage	Vertical height difference	between O/U and I/U	<O/U	30				
			>O/U	15				
Limitations	Air temp.	Cooling	I/U	18-30 D.B				
			O/U	-15-43 D.B*2				
		Heating	I/U	18-30 D.B				
			O/U	-10-24 D.B				

Option (Filter kits) : UM-FL1E(FDUMA202R), UM-FL2E(FDUMA252R,302R), UM-FL3E(FDUMA402R,502R,602R)

*1 : Indicates the value at mild mode in an anechoic chamber.

*2 : If a cooling operation is conducted when the outdoor air temperature is -5°C or lower, the outdoor unit should be installed at a place where it is not influenced by natural wind. If wind blows, the low pressure will drop and compressor frequency will increase, this will cause the capacity to drop and may cause the unit to break down.

INDOOR UNIT

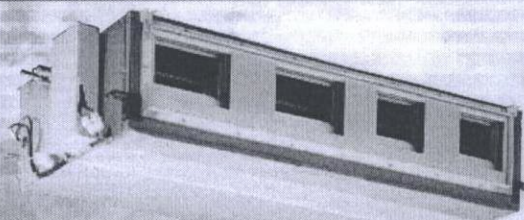
DUCT CONNECTED MODEL

FDUVA series

Higher level silence

Thin type unit with the height at 360 mm.

Adaptability to higher static pressures



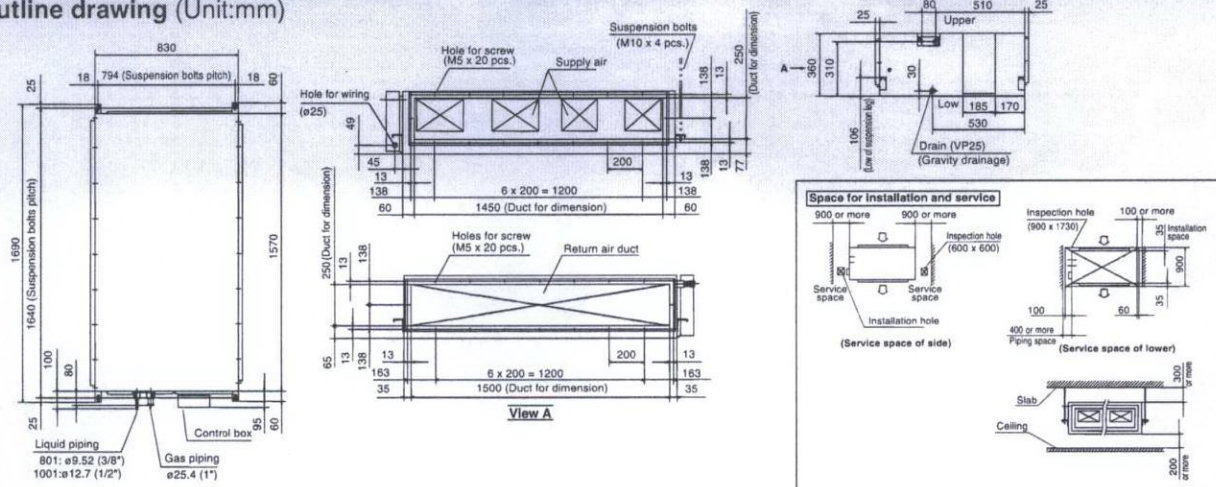
FDUVA 801/10001

Wired remote controller



RC-E1R
(Option)

Outline drawing (Unit:mm)

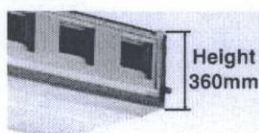


Point 1 Enhanced installation workability

Quiet, Lightweight and Compact

With the 8 horsepower, the noise is only 48dB, the weight is only 92kg, and the height is only 360mm.

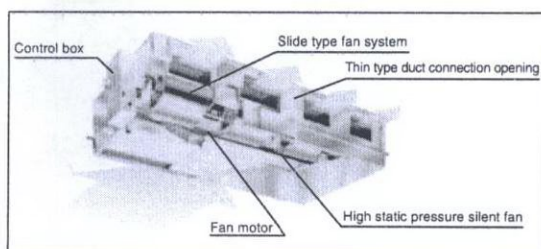
The indoor unit is completely hidden in the ceiling, so this is suitable for spaces with classy interior decoration.



Point 2 Adaptability to higher static pressures

High static pressure of 200 Pa extends the degree of freedom in the designing of air conditioners.

This is a real and earnest model for duct air-conditioning. A unit external static pressure of up to 200 Pa is possible. Precise air flow designing is possible.



SPECIFICATIONS

Set model name			*FDUVA802HES2R		*FDUVA1002HES2R	
Indoor name			FDUA801R		FDUA1001R	
Outdoor name			FDCVA802HESAR		FDCVA1002HESAR	
Power source			3Phase,380-415V,50Hz			
Type			Inverter			
Nominal cooling capacity (Min~Max)	ISO-T1(JIS)	kW	20.0 (7.0~22.4)		25.0 (10.6~28.0)	
	ISO-T1(JIS)	kW	22.4 (7.6~25.0)		28.0 (9.5~31.5)	
Nominal heating capacity (Min~Max)	ISO-T1(JIS)	kW	22.4 (7.6~25.0)		28.0 (9.5~31.5)	
Input	Cooling/Heating	kW	6.50/6.32		9.05/8.22	
COP	Cooling/Heating		3.08/3.54		2.76/3.41	
Energy label	Cooling/Heating		B/B		D/B	
Inrush current		A	5			
Noise level	Indoor*1	dB(A)	48		49	
	Outdoor		57		Cooling:57 Heating:58	
Air flow	Indoor*1	CMM	51		68	
	Outdoor		Cooling:150 Heating:145			
Static pressure		Pa	standard:100, Max:200			
Indoor unit	Exterior dimensions	Height x Width x Depth	mm 360x1,570x830			
	Net weight		kg 92			
	Remote controller		RC-E1R			
Outdoor unit	Exterior dimensions	Height x Width x Depth	mm 1,300x970x370		1,505x970x370	
	Net weight		kg 122		140	
	Type of compressor		Scroll			
Range of usage	Ref.control		EEV			
	Ref.amount precharged		kg(m)	5.4(30)		7.2(30)
	Ref.piping size	Liquid/Gas	ø	9.52/25.4		12.7/25.4
Limitations	Ref.piping length		m	70		
	Vertical height difference	between O/U and I/U	<O/U	30		
			>O/U	15		
	Air temp.	Cooling	I/U	18-30 D.B		
			O/U	-15-43 D.B*2		
		Heating	I/U	18-30 D.B		
O/U			-10-24 D.B			

*1 : Indicates the value at mild mode in an anechoic chamber.

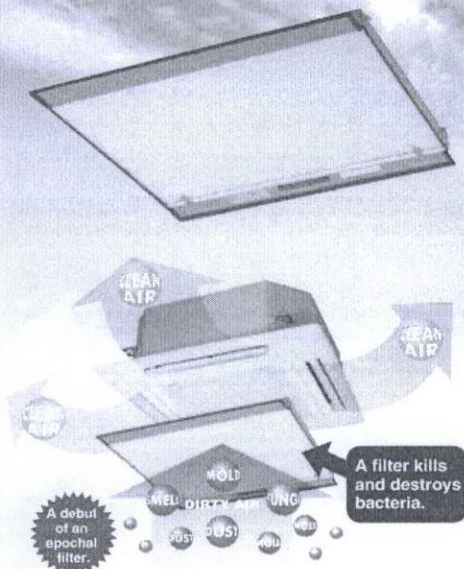
*Not available in 60Hz

*2 : If a cooling operation is conducted when the outdoor air temperature is -5°C or lower, the outdoor unit should be installed at a place where it is not influenced by natural wind. If wind blows, the low pressure will drop and compressor frequency will increase, this will cause the capacity to drop and may cause the unit to break down.

Optional Parts

Enzyme Sterilizing Filter

A debut of the enzyme sterilizing filter to which enzymes used in detergent, etc. are chemically bonded.

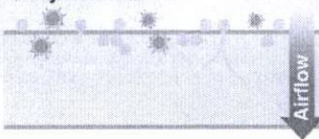


Enzymes used for filters are natural lytic enzymes. The lytic enzymes attack cell walls of microorganisms trapped on a filter and destroy them, so that they will show a powerful sterilizing effect to decrease the number of molds and bacteria. Where such enzymes exist, air filters are kept sanitary and clean. Naturally, air passing through such filters is clean and safe.

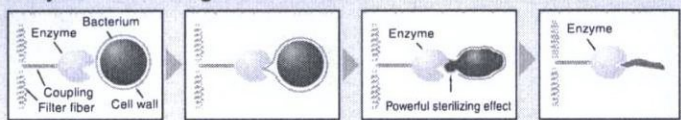
Conventional Filter



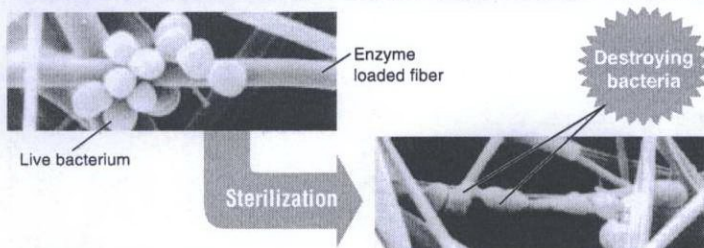
Enzyme Filter



Enzyme's sterilizing mechanism

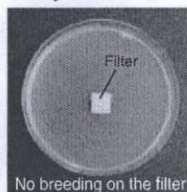


Effect on bacterium

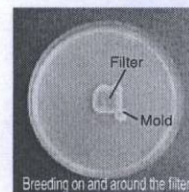


Effect on molds

Enzyme filter



Conventional filter



A filter coated with bacterium has been placed on the gelatin cultivate medium for seven days

Applicable indoor unit models

Ceiling recessed type (4way-cassette) FDTA, Ceiling suspension type FDENA

Topics

Wide & Various air flow

Jet Air Scroll

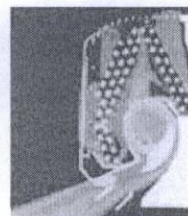
Applying aerodynamic analysis technologies used in developing jet engines to air conditioners.



CFD (computational fluid dynamics), used in blade shape design of jet engines, has been applied to the design of air channels in air conditioners to develop the ideal air channel system (air circulation). The airflow of the jets created in this system enable a large volume of air to be blown with minimum power consumption, yet the air flow is uniform, quiet and reaches points a long distance from the blower.



New type



Old type

Slow ————— Fast
Colors in the figure show the air speed.

WALL MOUNTED TYPE FDKNVAseries

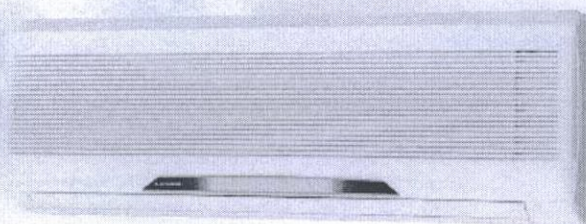
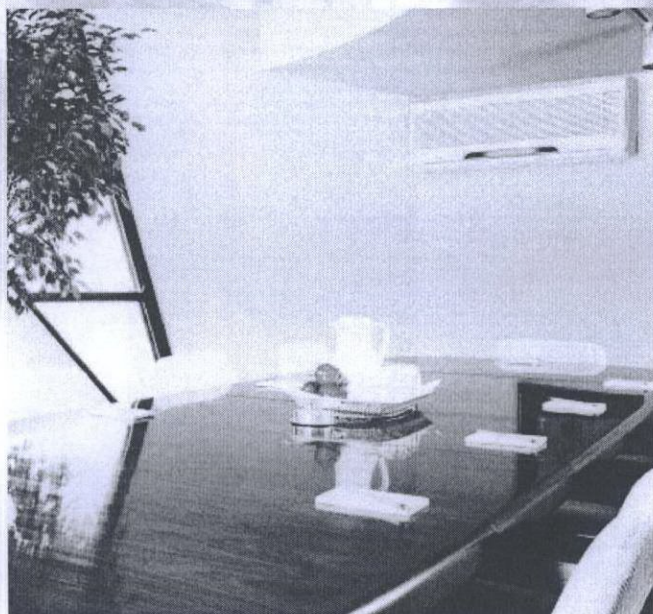


INDOOR UNIT

WALL MOUNTED MODEL

FDKNVA series

Super slim unit equipped with aero-trap louvers



FDKNA151/201/251

The industry's Top-class COP

A new design promising a neat installation finish

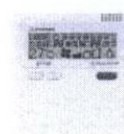
Equipped with a easy clean mechanism

Wireless remote controller



RCN-E1R
(Option)

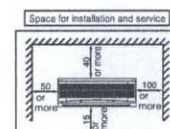
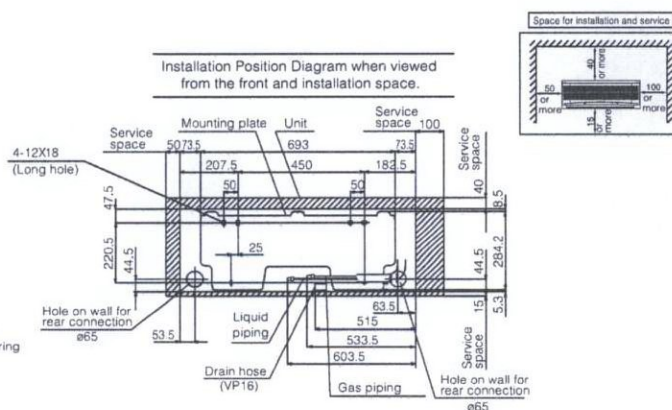
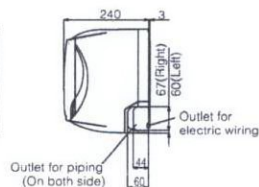
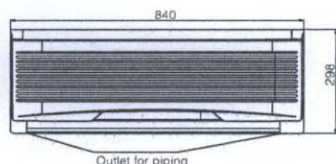
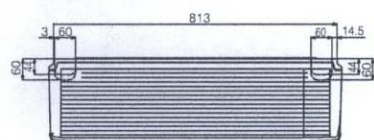
Wired remote controller



RC-E1R
(Option)

Outline drawing (Unit:mm)

FDKNA151/201/251



Point 1

Slim design

Heat exchanger folded to form multiple stages

Big wing cross flow fan



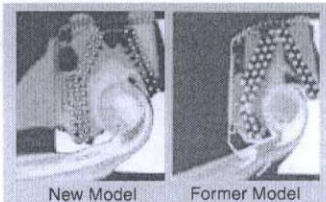
Slim design achieved with the adoption of heat exchangers folded to form multiple stages.

By adopting MHI's unique wide, multiple-stage folded heat exchangers, which are bent to form three sections surrounding the fan, a slim compact body is realized. Further, the adoption of a big wing cross flow fan, each fan blade of which is extended longitudinally to reduce the fan diameter, has made it possible to realize an excellently low noise level of 39dB registered with the FDKNA251 model. As a result of improvement in the panel design, diffuser louver shape, and swing angle, the air blast is deftly guided away to avoid contact with the ceiling.

Point
2

Innovative design

Comfortable space produced
with a low resistance air flow design



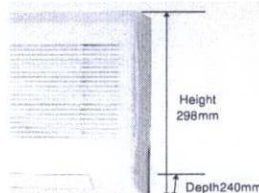
Computational Fluid Dynamics.

New wall-mounted model air conditioners have adopted the air flow design that was proved to minimize resistance in a CFD analysis to achieve uniform air conditioning to the farthest corners of the room.

Point
3

Installation workability

FDKNVA series are the same slim design
promising neat installation.

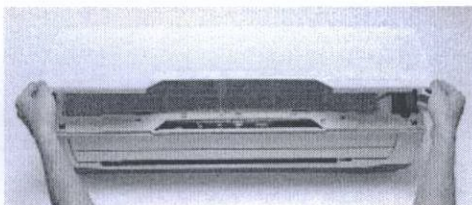


Because of its slim design, it fits neatly on a wall.

Point
4

Improved maintainability

Easy clean mechanism for easy maintenance



The panel can be removed easily from the unit.

FDKNVA series have adopted an easy clean mechanism, which allows the front panel to be detached and attached easily. This improves maintainability of these models, making cleaning inside of the air conditioner with an easy task. Since it allows cleaning to be done easily in a short time, it is quite suitable for a shop, etc.

SPECIFICATIONS

Set model name			FDKNVA151HEN1R		FDKNVA201HEN1R		FDKNVA251HEN1R	
Indoor name			FDKNA151R		FDKNA201R		FDKNA251R	
Outdoor name			FDCVA151HENR		FDCVA201HENR		FDCVA251HENR	
Power source			1Phase 220-240V 50Hz , 1Phase 220V 60Hz					
Type			Inverter					
Nominal cooling capacity (Min~Max)	ISO-T1(JIS)	kW	4.0 (1.8~4.7)		5.0 (2.2~5.6)		5.6 (2.8~6.0)	
Nominal heating capacity (Min~Max)	ISO-T1(JIS)	kW	4.5 (2.0~5.4)		5.4 (2.5~6.3)		6.3 (3.1~7.1)	
Input	Cooling/Heating	kW	1.30/1.30		1.66/1.58		1.99/1.85	
COP	Cooling/Heating		3.08/3.46		3.01/3.42		2.81/3.41	
Energy label	Cooling/Heating		B/B		B/B		C/B	
Inrush current		A			5			
Noise level	Indoor*1	dB(A)	42-40-37		44-41-38		45-42-39	
	Outdoor				48			
Air flow	Indoor*1	CMM	11-10-9		12-11-9		13-11-10	
	Outdoor				41			
Indoor unit	Exterior dimensions	Height x Width x Depth	mm		298x840x240			
	Net weight		kg		12			
	Remote controller				RCN-E1R, RC-E1R			
Outdoor unit	Exterior dimensions	Height x Width x Depth	mm		595x780(+67)x290			
	Net weight		kg		40			
	Type of compressor				Scroll			
Range of usage	Ref.control				EEV			
	Ref.amount precharged		kg(m)	1.55(30)				1.75(30)
	Ref.piping size	Liquid/Gas	ø	6.35/12.7				6.35/15.88
Limitations	Ref.piping length		m			40		
	Vertical height difference	between O/U and I/U	<O/U			30		
		>O/U				15		
Air temp.	Cooling	I/U			18~30D.B			
		O/U			-5~43D.B			
	Heating	I/U			18~30D.B			
		O/U			-10~24D.B			

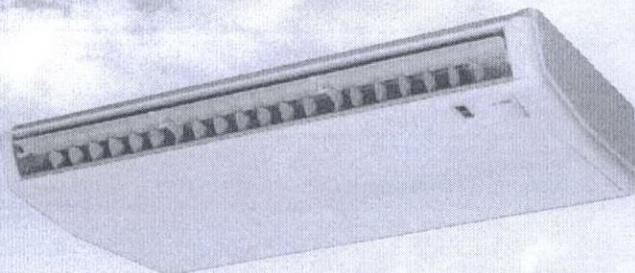
*1 : Indicates the value at mild mode

INDOOR UNIT

CEILING SUSPENDED MODEL

FDENVA series

Slim body suits most installation conditions



FDENVA151/201/251/301/
401/501/601

Wireless remote controller



RCN-E1R
(Option)

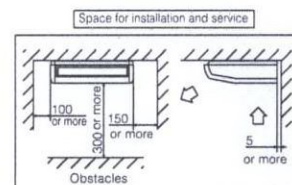
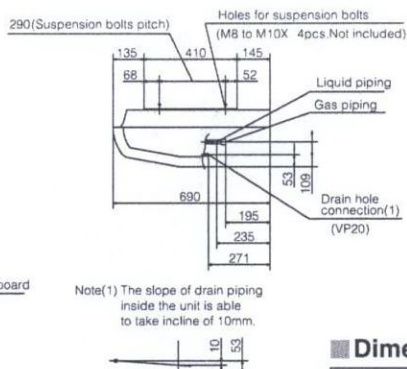
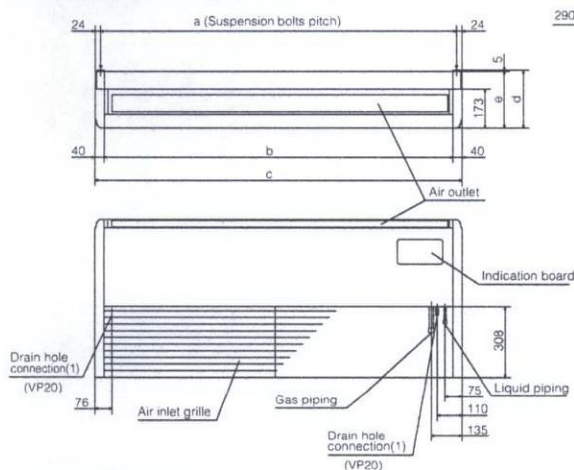
Wired remote controller



RC-E1R
(Option)

The industry's lowest noise level

Outline drawing (Unit:mm)



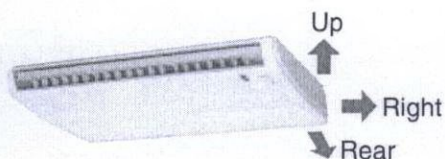
Dimension Table

model	a	b	c	d	e
FDENA151,201	1022	990	1070	215	210
FDENA251,301	1272	1240	1320	215	210
FDENA401-601	1572	1540	1620	255	250

Point 1

Improved installation workability

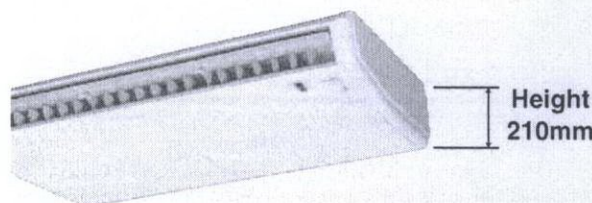
Increased freedom of a piping layout



The refrigerant pipe from the unit can be arranged in three directions, rear, right and up. The drain pipe can be arranged in two directions, left and right. This will allow a free layout of piping for various installation conditions. The unit can only be serviced from the bottom.

Point 2

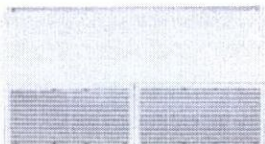
Installation workability



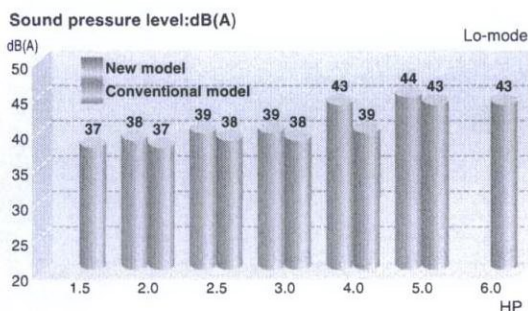
All models fit compactly on ceiling. (Height-210mm or 250mm). Plain, modern design featuring rounded edges gives room a comfortable atmosphere. FDENA151 weights 30kg the lightest level in the industry. Convenient and quick installation.

Point
3

New design --- Drastic-reduction of noise level



Reviewing sirocco fan (diameter and wide) enables drastic reduction of noise level.



SPECIFICATIONS

Set model name			FDENVA151HEN1R	FDENVA201HEN1R	FDENVA251HEN1R	
Indoor name			FDENA151R	FDENA201R	FDENA251R	
Outdoor name			FDCVA151HENR	FDCVA201HENR	FDCVA251HENR	
Power source			1Phase 220-240V 50HZ , 1Phase 220V 60Hz			
Type			Inverter			
Nominal cooling capacity (Min~Max)	ISO-T1(JIS)	kW	3.8 (1.8~4.7)	5.0 (2.2~5.6)	5.6 (2.8~6.3)	
Nominal heating capacity (Min~Max)	ISO-T1(JIS)	kW	4.5 (2.0~5.4)	5.4 (2.5~6.3)	6.7 (3.1~7.1)	
Input	Cooling/Heating	kW	1.18/1.32	1.54/1.57	1.74/1.87	
COP	Cooling/Heating		3.22/3.41	3.25/3.44	3.22/3.58	
Energy label	Cooling/Heating		A/B			
Inrush current		A	5			
Noise level	Indoor*1	dB(A)	39-38-37		41-39-38	
	Outdoor		48			
Air flow	Indoor*1	CMM	11-9-7		18-14-12	
	Outdoor		41			
Indoor unit	Exterior dimensions	Height x Width x Depth	mm		210x1,070x690	210x1,320x690
	Net weight		kg		30	36
	Remote controller		RCN-E1R, RC-E1R			
Outdoor unit	Exterior dimensions	Height x Width x Depth	mm		595x780(+67)x290	
	Net weight		kg		40	
Type of compressor			Scroll			
	Ref.control		EEV			
Ref.amount precharged		kg(m)	1.55(30)		1.75(30)	
	Ref.piping size	Liquid/Gas	ø	6.35/12.7		6.35/15.88
Ref.piping length		m	40			
	Vertical height difference	between O/U and I/U	<O/U	30		
			>O/U	15		
Limitations	Air temp.	Cooling	I/U	18~30D.B		
			O/U	-5~43D.B		
		Heating	I/U	18~30D.B		
			O/U	-10~24D.B		

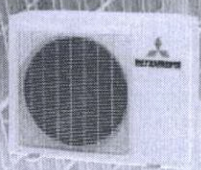
SPECIFICATIONS

Set model name		FDENVA302HEN1R		FDENVA402HEN2R	FDENVA502HEN2R	FDENVA602HEN2R	FDENVA402HES2R	FDENVA502HES2R	FDENVA602HES2R
Indoor name		FDENA301R		FDENA401R	FDENA501R	FDENA601R	FDENA401R	FDENA501R	FDENA601A
Outdoor name		FDCVA302HENR		FDCVA402HENAR	FDCVA502HENAR	FDCVA602HENAR	FDCVA402HESAR	FDCVA502HESAR	FDCVA602HESAR
Power source		1Phase 220-240V 50HZ , 1Phase 220V 60Hz					3phase,380-415V 50Hz/380V 60Hz		
Type		Inverter							
Nominal cooling capacity (Min~Max)	ISO-T1(JIS)	kW	7.1 (3.5~8.0)	10.0 (6.1~11.2)	12.5 (6.5~14.0)	14.0 (6.7~14.5)	10.0 (6.1~11.2)	12.5 (6.5~14.0)	14.0 (6.7~14.5)
Nominal heating capacity (Min~Max)	ISO-T1(JIS)	kW	8.0 (4.0~9.0)	11.2 (5.9~12.5)	14.0 (6.2~16.0)	16.0 (6.3~16.5)	11.2 (5.9~12.5)	14.0 (6.2~16.0)	16.0 (6.3~16.5)
Input	Cooling/Heating	kW	2.06/2.21	2.85/2.97	4.35/3.95	4.95/4.69	2.85/2.97	4.35/3.95	4.95/4.69
COP	Cooling/Heating		3.45/3.62	3.51/3.77	2.87/3.54	2.83/3.41	3.51/3.77	2.87/3.54	2.83/3.41
Energy label	Cooling/Heating		A/A		C/B		A/A	C/B	
Inrush current		A	5						
Noise level	Indoor*1	dB(A)	41-39-38	44-41-39	46-44-43		44-41-39	46-44-43	
	Outdoor		48	50	52	53	50	52	53
Air flow	Indoor*1	CMM	18-14-12	26-23-21	29-26-23		26-23-21	29-26-23	
	Outdoor		Cooling:60 Heating:45	Cooling:75 Heating:73					
Indoor unit	Exterior dimensions	Height x Width x Depth	mm	210x1,320x690					
	Net weight	kg	36	46					
Remote controller			RCN-E1R, RC-E1R						
Outdoor unit	Exterior dimensions	Height x Width x Depth	mm	750x880(+88)x340					
	Net weight	kg	60	74					
Type of compressor			Rotary						
Ref.control			EEV						
Ref.amount precharged		kg(m)	2.95(30)	3.8(30)					
Ref.piping size	Liquid/Gas	ø	9.52/15.88	9.52/15.88					
Range of usage	Ref.piping length	m	50						
	Vertical height difference	between O/U and I/U	<O/U	30					
Limitations	Air temp.	Cooling	>O/U	15					
			I/U	18~30D.B					
		Heating	O/U	-15~43D.B*2					
			I/U	18~30D.B					
			O/U	-10~24D.B					

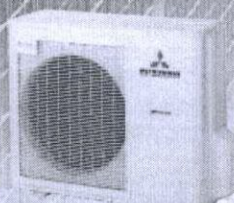
*1 : Indicates the value at mild mode in an anechoic chamber.

*2 : If a cooling operation is conducted when the outdoor air temperature is -5°C or lower, the outdoor unit should be installed at a place where it is not influenced by natural wind. If wind blows, the low pressure will drop and compressor frequency will increase, this will cause the capacity to drop and may cause the unit to break down.

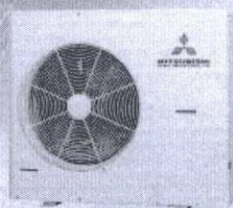
OUTDOOR UNIT (1.5-10.0HP)



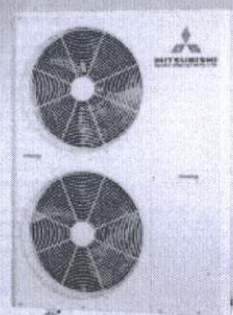
FDCVA151HENR
FDCVA201HENR
FDCVA251HENR
(1.5HP~2.5HP)



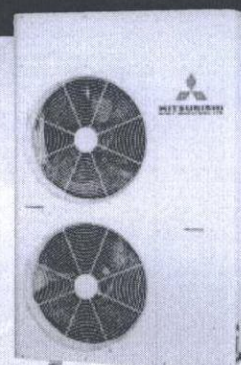
FDCVA302HENR
(3.0HP)



FDCVA402HENR
FDCVA502HENR
FDCVA602HENR
FDCVA402HESAR
FDCVA502HESAR
FDCVA602HESAR
(4.0HP~6.0HP)



FDCVA802HESAR
(8.0HP)

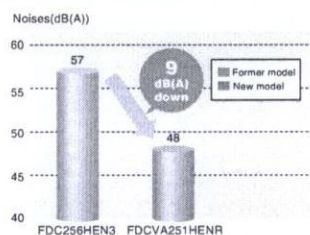


FDCVA1002HESAR
(10.0HP)

Noise reductions

Noise reductions up to 9dB(A) by comparison with the existing outdoor unit models *FDCVA251HEN

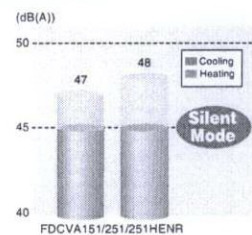
By reducing a pressure drop in a unit, optimizing airflow rates and minimizing airflow disturbance, noise reductions are up to 9dB(A).



Silent mode

This allows you to run the unit in the night in a residential zone.

You can switch to the silent mode, in which the outdoor fan revolution is lowered.



Installation workability

Enhanced installation workability thanks to the extended pipe length – longest level in the industry, pre-charged refrigerant and reduced piping size.

1 Pipe length – 70m

Long allowable pipe length up to 70m (8.0-10.0HP)

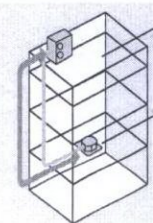
meeting also the installation conditions at large-scale commercial facilities

Pipe length can be extended up to 70m. This opens up the possibility to apply to large-scale commercial facilities as well, which conventionally called for multiple type models.

2 Refrigerant pre-charged pipe length extending to 30m

Refrigerant pre-charged pipe length extends up to 30m.

This eliminates the need to add refrigerant on site, which sets it free from trouble of excessive or insufficient charging of refrigerant, and allows carrying out the installation smoothly.



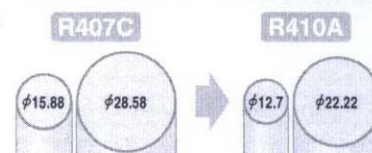
Height difference (Outdoor>indoor)
1.5~10.0HP⇒ 30m

Piping length
1.5~2.5HP : 40m
3.0~6.0HP : 50m
8.0~10.0HP : 70m

3 Reduced refrigerant piping size that significantly enhances the installation workability

Refrigerant piping size has been reduced in order to adapt to new high-density and high-pressure refrigerant R410A. This has enabled to realize a higher refrigeration capacity and reduced the pressure loss, which allows further reducing the piping work cost.

Refrigerant may be recharged, of course, when it has leaked accidentally.



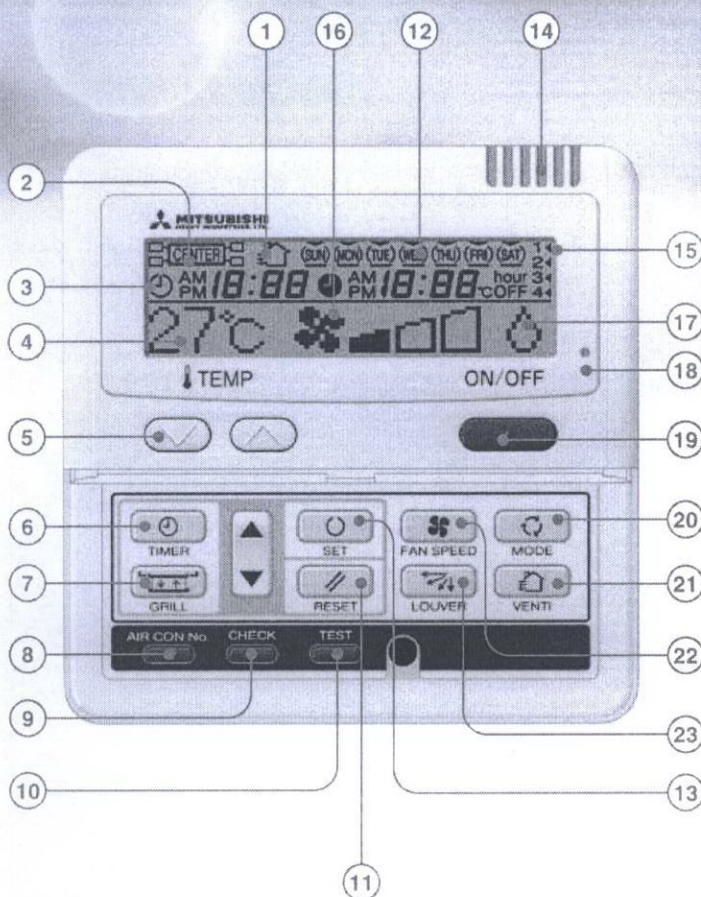
Piping size (diameter) reduced

	HP	1.5	2.0	2.5	3.0	4.0	5.0	6.0	8.0	10.0
Liquid	New model (R410A)	6.35	6.35	6.35	9.52	9.52	9.52	9.52	9.52	12.7
	Former model (R407C)	-	6.35	9.52	9.52	9.52	9.52	-	12.7	15.88
Gas	New model (R410A)	12.7	12.7	15.88	15.88	15.88	15.88	15.88	22.22*	22.22*
	Former model (R407C)	-	15.88	15.88	15.88	19.05	19.05	-	25.4	28.58

*Use the reducer kit.

WIRED CONTROLLER (RC-E1R)

The RC-E1R controller enables extensive access to service and maintenance technical data combined with easy to use function and a clear LCD display.



1. **Ventilation indication**
Displays operation of external outside air fan.
2. **Centralised control indication**
Illuminated when centralised control is functioning.
3. **Timer indication**
Indicates time period ON/OFF when setting timer.
4. **Set temperature**
Displays set temperature °C.
5. **Temperature setting switch**
6. **Clock setting switch**
To set the timer mode and the weekly timer functions.
7. **GRILL switch**
This switch has no function. When this switch is pressed, INVALID OPER (Invalid Operation) is displayed, but it does not mean a failure.
8. **Unit address switch**
To select 'a' numbered unit within a connected group.
9. **Maintenance diagnosis**
To display error codes and history.
10. **Test run switch**
Commissioning sequence in cooling
11. **Reset switch**
To cancel previously set functions.
12. **Weekly timer**
To select and set weekly operation schedule.
13. **Function set switch**
To register selected operation settings.
14. **Remote control sensor**
Slits to allow air movement to sensor.
15. **Timer indication**
Shows sequence of four ON/OFF functions per day.
16. **Fan speed indication**
Indicates selected fan speed.
17. **Operation mode**
Indicates cooling/heating/fan only mode etc.
18. **Operation/Fault indication lamp**
Illuminated green when unit is operating, flashes red when error is detected.
19. **ON/OFF switch**
To switch unit ON/OFF
20. **Mode Operation switch**
To select operation mode cooling/heating/fan only
21. **Ventilation switch**
To run/stop external ventilation unit-can also be interlocked.
22. **Fan speed adjustment**
Selection of low/med/high fan speed.
23. **Louver switch**
To select louver position or auto swing function.

Lucid indication and easy operation

■ Adoption of a large dot LCD

A new type remote control unit adopting a completely new design has further improved the visibility of information displayed on the screen such as selected settings, operation data and error events by employing a dot LCD.

■ Rubber switches to improve the feeling of a touch

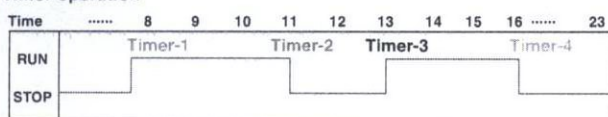
Having adopted rubber switches for operation switches, it now offers the improved feeling of a touch.

Further improved functionality

■ Weekly timer function as standard

RC-E1R provides (as a standard feature) a weekly timer, which allows one-week operation schedules to be registered. A user can specify up to four times a day to start/stop the air conditioner. (Temperature setting is also possible with the timer).

Timer operation



■ Run hour meters to facilitate maintenance checking

RC-E1R stores operation data when an anomaly occurs and indicates the error on the LED. It also indicates cumulative operation hours of the air conditioner and compressor since commissioning.

■ Room temperature controlled by the remote control sensor

The temperature sensor is housed in the top section of the remote control unit. This arrangement has improved the sensitivity of the remote control unit's heat sensor, which permits more finely controlled air conditioning.



■ Changeable set temperature ranges

RC-E1R allows the upper and lower limits of a set temperature range to be specified separately.

By adjusting a set temperature range, you can ensure energy saving air conditioning by avoiding excessive cooling or heating.

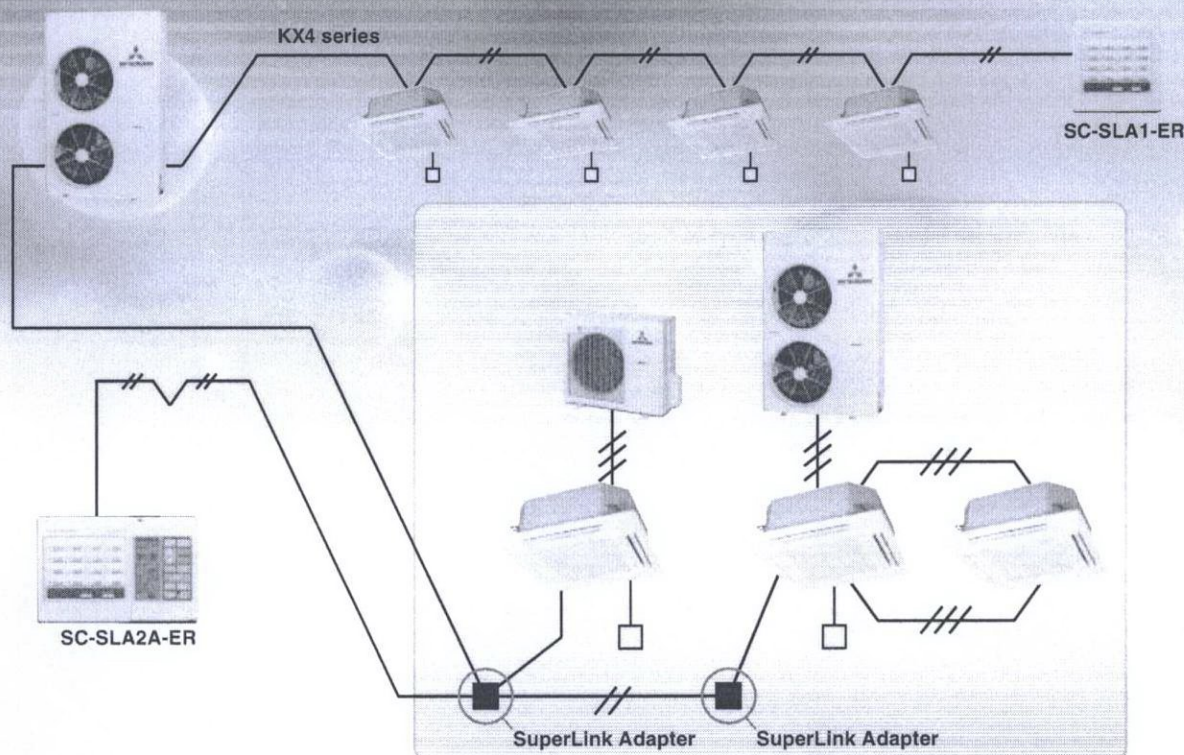
Changeable range	
Upper limit	(effective for heating operation)
Lower limit	(effective for non-heating operation)

■ Optional mode settings

Functional setting with remote control operation switches.

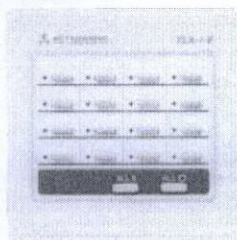
- High Ceiling Mode
- Fan Tap No.
- Filter Sign Enabled/Disabled
- Remote Sensor Enabled/Disabled

Control System SUPERLINK



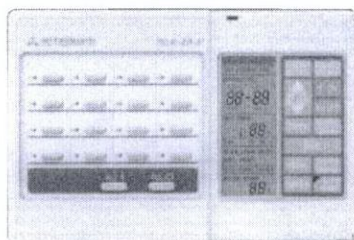
Center Console

SC-SLA1-ER



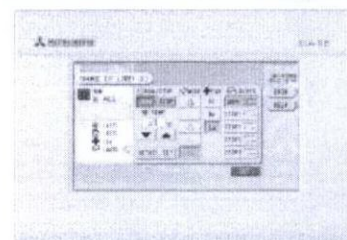
Start/stop control of up to 16 indoor units is possible either individually or collectively. With simple operations, you can effect centralized control.

SC-SLA2A-ER



Centralized control of up to 48 indoor units. It can allow connection with a weekly timer without using any interface.

SC-SLA3-ER/SC-SLB3-ER

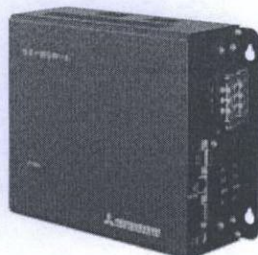


Easy operation realized with a large color LCD and touch panel. Up to 144 indoor units can be controlled, when three SUPERLINK systems are connected.

SUPERLINK WEB Gateway

SC-WGW-AR/BR

(SC-WGW-BR is with electric power calculation function)



Up to 96 indoor units* are controlled from the Internet Explorer.

*In case of SLA1 or SLA2A being installed, up to 64 (32x2) indoor units can be connected. SLA3/SLB3 can't be installed.

SUPERLINK BACnet Gateway

SC-BGW-AR

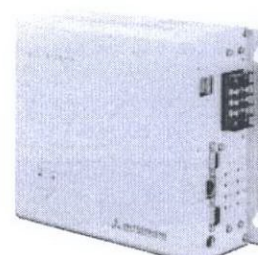


Up to 96 indoor units* are controlled centrally from a single BGW!

*In case of SLA1 or SLA2A being installed, up to 64 (32x2) indoor units can be connected. SLA3/SLB3 can't be installed.

SUPERLINK LonWorks Gateway

SC-LGW-AR



Up to 96 indoor units* are linked as an open network! Centrally controlled through LonWorks!

*In case of SLA1 or SLA2A being installed, up to 64 (32x2) indoor units can be connected. SLA3/SLB3 can't be installed.

Kindly note that additional engineering service cost is required.

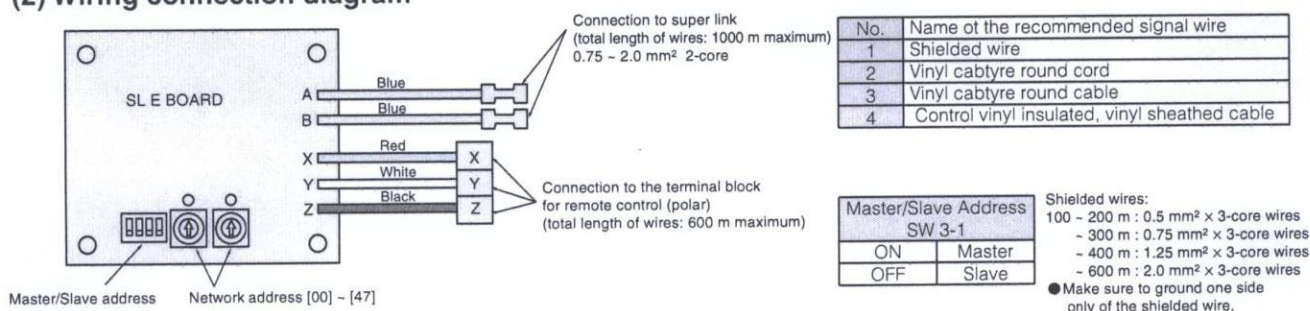
SUPER LINK E BOARD (SC-AD-ER)

This board is used when conducting control of the single package (wired remote controller unit) 1-type series using a Super link option (SC-SLA1-E, SC-SLA2A-E, etc).

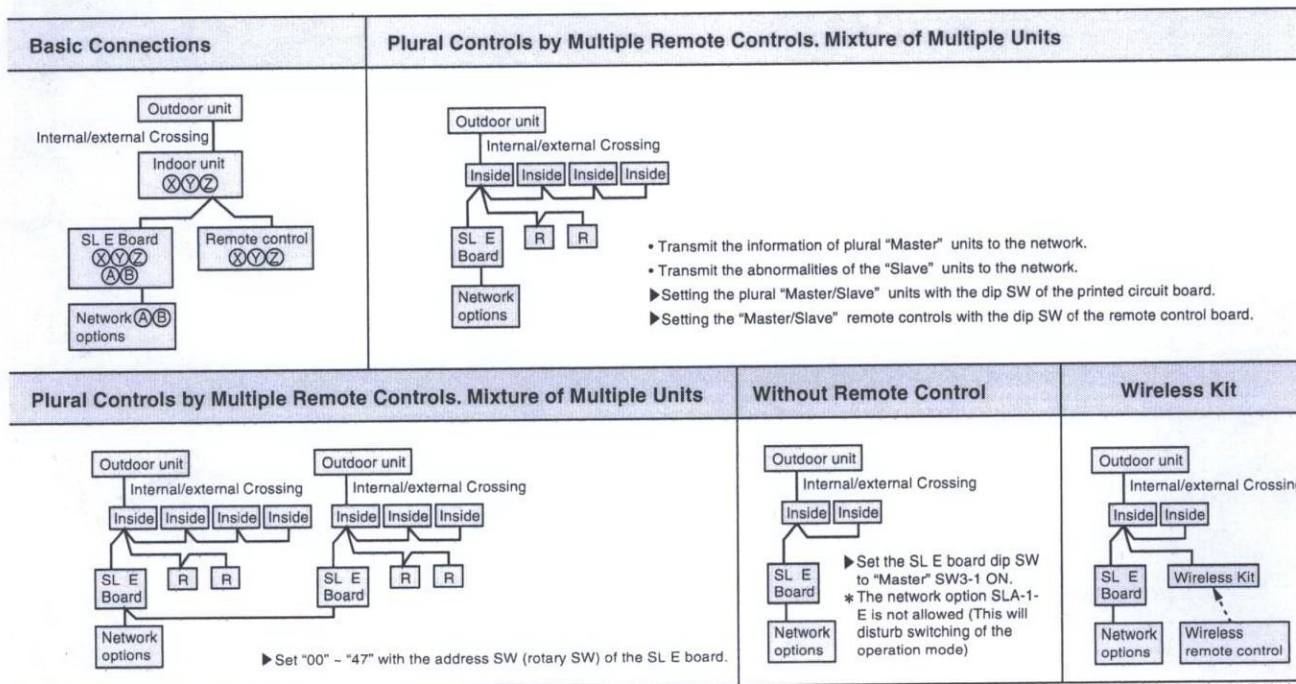
(1) Functions

- Transmits the settings from the Super link option to the indoor units.
- Returns the priority indoor unit data in response to a data request from the Super link option.
- Inspects the error status of connected indoor units and transmits the inspection codes to the Super link option.
- A maximum of 16 units can be controlled (if in the same operation mode).

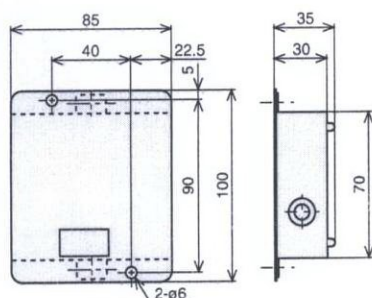
(2) Wiring connection diagram



- Set the super link network address with SW1 (10-position) and SW2 (1-position).
- Without a remote control (no wired remote control and no wireless remote control), set SL E board SW3-1 to ON (Master).

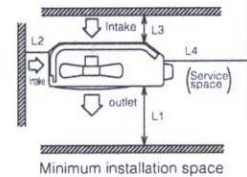
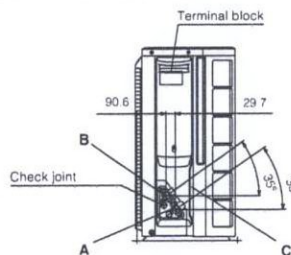
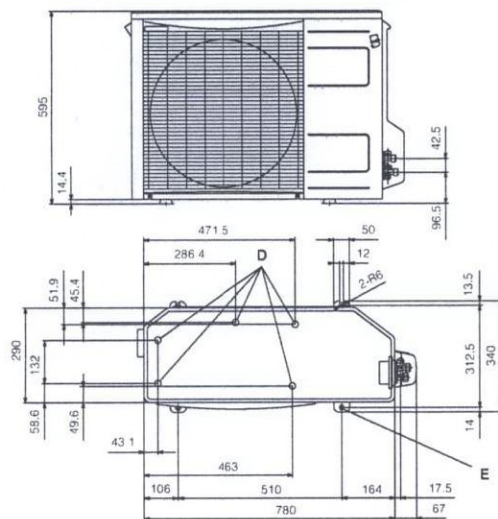


(3) Metal box dimension



OUTDOOR UNIT Dimensions

FDCVA151HENR, 201HENR, 251HENR(unit:mm)



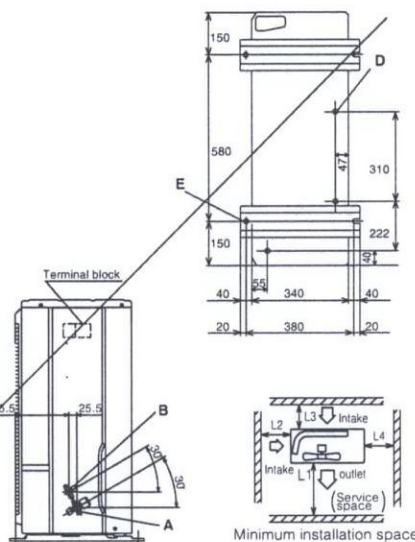
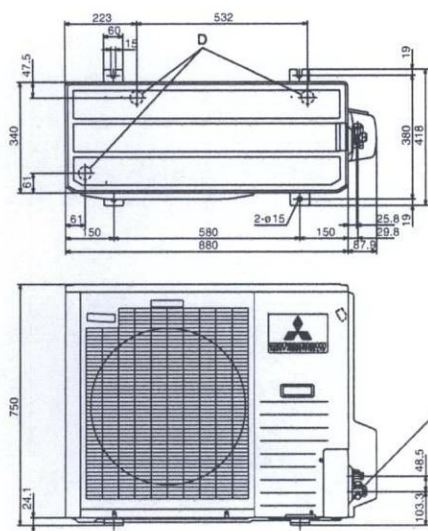
Examples of Dimensions	1	2	3
L ₁	Open	280	280
L ₂	100	75	Open
L ₃	100	80	80
L ₄	250	Open	250

Mark	Item	Quantity	
		151,201	251
A	Refrigerant gas side pipe connection tap	ø12.7(flare)	ø15.88(flare)
B	Refrigerant liquid side pipe connection tap	ø6.35(flare)	
C	Pipe/cable draw-out port		
D	Drain/discharge port	ø20.5x5places	
E	Anchor bolt hole	M10x4places	

Notes

- (1) It must not be surrounded by walls on the four sides.
- (2) The unit must be fixed with anchor bolts. An anchor bolt must not protrude more than 15mm.
- (3) Where the unit is subject to strong winds, lay it in such a direction that the blower outlet faces perpendicularly to the dominant wind direction.
- (4) Leave a 1m or larger space above the unit.
- (5) A wall in front of the blower outlet must not exceed the unit's height.
- (6) The unit name plate is attached on the lower right corner of the front panel.

FDCVA302HENR(unit:mm)



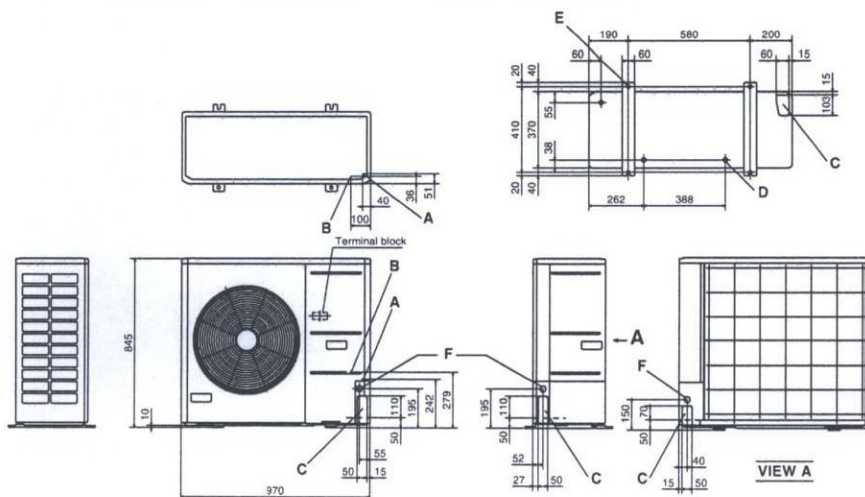
Mark	Item	
A	Refrigerant gas side pipe connection tap	ø15.88(1flare)
B	Refrigerant liquid side pipe connection tap	ø9.52(1flare)
C	Pipe/cable draw-out port	
D	Drain discharge port	ø20.3x3places
E	Anchor bolt hole	M10x4places
F	Cable draw-out port	ø30.3x3places

Notes

- (1) It must not be surrounded by walls on the four sides.
- (2) The unit must be fixed with anchor bolts. An anchor bolt must not protrude more than 15mm.
- (3) Where the unit is subject to strong winds, lay it in such a direction that the blower outlet faces perpendicularly to the dominant wind direction.
- (4) Leave a 1m or larger space above the unit.
- (5) A wall in front of the blower outlet must not exceed the units height.
- (6) The unit name plate is attached on the lower right corner of the front panel.

Examples of Dimensions	1	2	3
L1	Open	Open	500
L2	300	250	Open
L3	100	150	100
L4	250	250	250

FDCVA402HENAR, 502HENAR, 602HENAR
402HESAR, 502HESAR, 602HESAR (unit:mm)

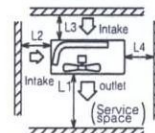


Mark	Item	
A	Refrigerant gas side pipe connection tap	ø15.88(flare)
B	Refrigerant liquid side pipe connection tap	ø9.52(flare)
C	Pipe/cable draw-out port	
D	Drain discharge port	ø20.3x3place
E	Anchor bolt hole	M10x4place
F	Cable draw-out port	ø30.3x3place

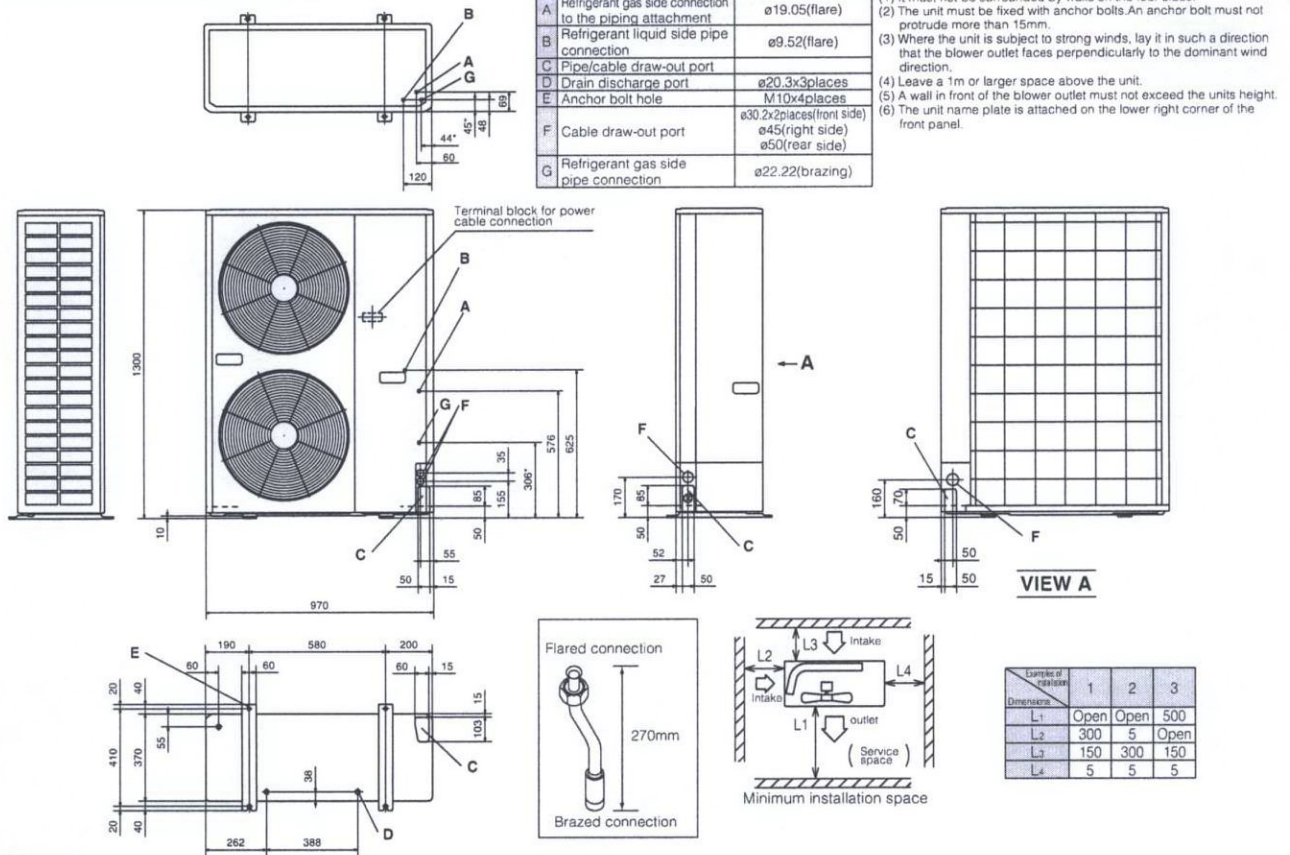
Notes

- (1) It must not be surrounded by walls on the four sides.
- (2) The unit must be fixed with anchor bolts. An anchor bolt must not protrude more than 15mm.
- (3) Where the unit is subject to strong winds, lay it in such a direction that the blower outlet faces perpendicularly to the dominant wind direction.
- (4) Leave a 1m or larger space above the unit.
- (5) A wall in front of the blower outlet must not exceed the unit's height.
- (6) The unit name plate is attached on the lower right corner of the front panel.

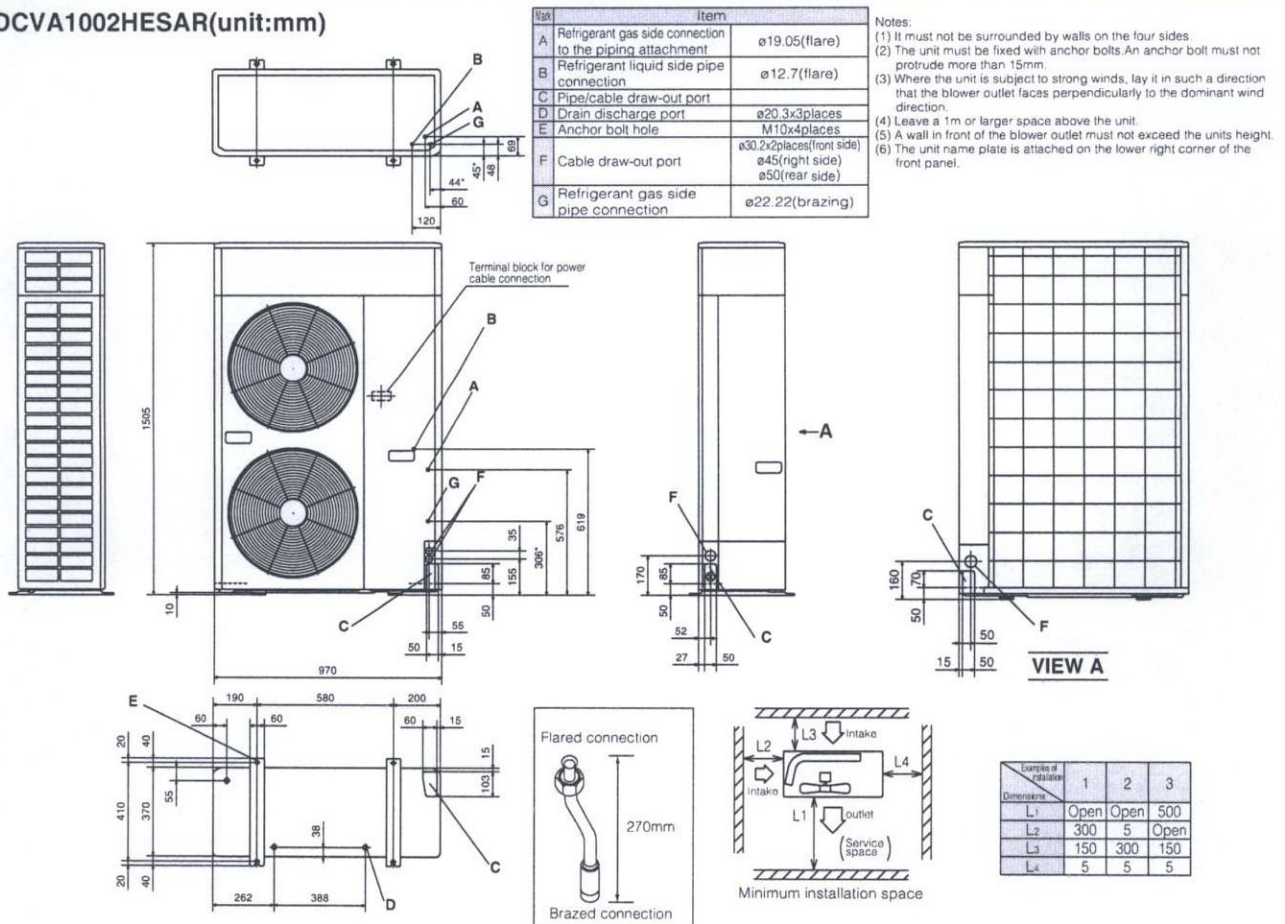
Examples of Dimensions	1	2	3
L ₁	Open	Open	500
L ₂	300	5	Open
L ₃	150	300	150
L ₄	5	5	5



FDCVA802HESAR(unit:mm)



FDCVA1002HESAR(unit:mm)



Before starting use

Heating performance

The heating performance values (kW) described in catalog are the values obtained by operating at an outdoor temperature of 7°C and indoor temperature of 20°C as set forth in the ISO Standards. As the heating performance decreases as the outdoor temperature drops, if the outdoor temperature is too low and the heating performance is insufficient, use other heating appliances as well.

Indication of sound values

The sound values are the values (A scale) measured in a chamber such as an anechoic chamber following the ISO Standards. In the actual installation state, the value is normally larger than the values given in the catalog due to the effect of surrounding noise and echo. Take this into consideration when installing.

Use in oil atmosphere

Avoid installing this unit in as atmosphere where oil scatters or builds up, such as in a kitchen or machine factory.
If the oil adheres to the heat exchanger, the heat exchanging performance will drop, mist may be generated, and the synthetic resin parts may deform and break.

Use in acidic or alkaline atmosphere

If this unit is used in an acidic or alkaline atmosphere such as hot spring areas having high levels of sulfuric gases, places where the exhaust of the heat exchanger is sucked in, or at coastal areas where the unit is subject to salt breezes, the outer plate or heat exchanger, etc., will corrode.

Use in places with high ceilings

If the ceiling is high, install a circulator to improve the heat and air flow distribution when heating.

Refrigerant leakage

The refrigerant gas (R410A) used for Air conditioner is non-toxic and inflammable in its original state.
However, in consideration of a state where the refrigerant leaks into the room, measures against refrigerant leaks must be taken in small rooms where the tolerable level could be exceeded. Take measures by installing ventilation devices, etc.

Use in snowy areas

Take the following measures when installing the outdoor unit in snowy areas.

•Snow show

Install a snow-prevention hood so that the snow does not obstruct the air intake port, and so that the snow does not enter and freeze in the outdoor unit.

•Snow piling

In areas with heavy snow fall, the piled snow could block the air intake port. In this case, a frame that is 50cm or higher than the estimated snow fall must be installed underneath the outdoor unit.

Automatic defrosting device

If the temperature is low, and the humidity is high, frost will stick to the heat exchanger of the outdoor unit. If use is continued, the heating performance will drop.

The "Automatic defrosting device" will function to remove this frost.

After heating for approx. three to ten minutes, it will stop, and the frost will be removed. After defrosting, hot air will be blown again.

Servicing the air-conditioner

After the air-conditioner is used for several seasons, dirt will build up in the air-conditioner causing the performance to drop. In addition to regular servicing, we recommend the maintenance contract (charged for) by a specialist.

⚠ Safety Precautions

Air-conditioner usage target

The air-conditioner described in this catalog is a dedicated cooling/heating device for human use.

Do not use it for special applications such as the storage of foodstuffs, animals or plants, precision devices or valuable art, etc.

This could cause the quality of the items to drop, etc.

Do not use this for cooling vehicles or ships. Water leakage or current leaks could occur.

Before use

Always read the "User's Manual" thoroughly before starting use.

Installation

Always commission the installation to a dealer or specialist. Improper installation will lead to water leakage, electric shocks and fires.

Use the MHI-designated products for the accessories such as the air purifier, humidifier, and auxiliary electric heater for heating.

Usage place

Do not install in places where combustible gas could leak or where there are sparks.

Installation in a place where combustible gas could be generated, flow or accumulate, or places containing carbon fibers could lead to fires.



Head Office : Mitsubishi Heavy Industries, Ltd. 16-5 2-Chome Kounan
Minato-ku Tokyo 108-8215, Japan

<http://www.mhi.co.jp>

Our factories are ISO9001 and ISO14001 certified.

Certified ISO 9001



BIWAJIMA PLANT
Mitsubishi Heavy Industries, Ltd.
Air-conditioning & Refrigeration Systems Headquarters
Certificate number : JQA-0708
Date of certification : December 1994



MAHAJAK AIR CONDITIONERS CO., LTD.
Certificate number : 0410 1998 013
Date of registration : October 1998



Mitsubishi Heavy Industries-Haier (Qungdao)
Air-conditioners Co., Ltd.
Certificate number : 0170 1998 AQ-1525-Rus
Date of certification : April 1998

Certified ISO 14001



BIWAJIMA PLANT
Mitsubishi Heavy Industries, Ltd.
Air-conditioning & Refrigeration Systems Headquarters
Certificate number : JQA-036558
Date of certification : November 1998



MAHAJAK AIR CONDITIONERS CO., LTD.
Certificate number : 0410 1998 0413 ES
Date of registration : December 1998



Mitsubishi Heavy Industries-Haier (Qungdao)
Air-conditioners Co., Ltd.
Certificate number : 01188-003
Date of certification : December 1998



Because of our policy of continuous improvement, we reserve right to make changes in all specifications without notice.



Recycled paper with 100% compounding ratio is used.

This catalogue uses recycled paper with 100% compounding ratio in consideration of the environment. It is printed with soybean ink which contains less organic solvent.



TCP/11/16(173)

Planning Application 11/01510/FLL – Temporary (5 years) siting of a metal storage unit, installation of 2 air conditioning units, formation of vehicular access and hardstanding and erection of screen fence (in part retrospect) at 102 Glengarry Road, Perth, PH2 0AB

REPRESENTATIONS

- Objection from Jamie Stirton, dated 3 October 2011 *(included in applicant's submission, see pages 543-544)*
- Objection from Maria Stirton, dated 3 October 2011 *(included in applicant's submission, see pages 545-546)*
- Objection from Miss M Kennedy, dated 4 October 2011 *(included in applicant's submission, see page 547)*
- Objection from Miss A Grieve, dated 4 October 2011 *(included in applicant's submission, see page 553)*
- Objection from Tam Higginbotham, dated 5 October 2011 *(included in applicant's submission, see pages 551-552)*
- Objection from Mr S Whyte, dated 7 October 2011 *(included in applicant's submission, see page 557)*
- Objection from Mrs Shek, received 12 October 2011 *(included in applicant's submission, see page 555)*
- Objection from Mr M Kennedy, dated 17 October 2011 *(included in applicant's submission, see pages 549-550)*
- Objection from Mr W Carr, dated 17 October 2011 *(included in applicant's submission, see page 561)*
- Objection from Ms L Steven and Mr J Henderson, dated 19 October 2011 *(included in applicant's submission, see page 559)*
- Representation from Mr M Kennedy, dated 13 March 2012

- Representation from Maria Stirton, dated 15 March 2012
- Representation from Ms L Steven and Mr J Henderson, dated 15 March 2012
- Representation from Mrs S Shek, received 19 March 2012
- Response to Representations from Agent, dated 26 March 2012

The Secretary
Local Review Body
Perth & Kinross Council
Committee Services
2 High Street
Perth
PH1 5PH

CHIEF EXECUTIVES
DEMOCRATIC SERVICES

15 MAR 2012

RECEIVED

13/03/2012

Dear Sir/Madam,

Re – Notice of Review – Application ref:11/01510/FLL, dated 01/03/2012.
Costcutters, 102 Glengarry Road, Perth. PH2 0AB.

Letter of representation.

Firstly, in reply to Mr John Fyfe's (Agent to Mr Casson) statement of appeal dated 20/02/2012.

Personally I wish Mr Casson every success in his efforts regarding his business. I also have no wish whatsoever to impede him in his endeavors. However, I do draw a line when with the aid of an agent who knows how to manipulate and work the system by delaying tactics, in order to achieve his goal with total disregard to residents who have to endure the fallout 24/7. More so when this agent then sets out to address his appeal with innuendos and inaccurate statements and some bordering on libelous. This I find totally unacceptable.

The main vein of this appeal is centered on an obtrusive blue metal container, (an industrial site container, never the less) more commonly seen on building sites and totally out of character for a residential area!

My view is the same as the planning departments refusal (on two occasions to date) is that Mr Casson does not require this blue container sited at the rear of his shop! He already has an ancillary extension built into the rear of the premises, as is the same with all the other shops in this shopping complex. For the past 60 years these very same shop store extensions have served every other owner WITHOUT a problem and without having the need for a blue container (for 3 years already)! I don't consider this 3 years as a temporary period of time. I was informed by a council official that 6 months was a temporary period of time, without having to gain planning permission.

The crutch of the problem with this container is that Mr Casson uses this blue container to house and as a feeder of stock for another shop he owns/runs in main Street, Bridgend, Perth. This important little piece of information Mr Fyffe has conveniently forgotten to submit/admit to the panel.

With regard to Mr Fyffes statement claiming NISA deliver once a week, I refute this as I have evidence that Costcutters is still receiving 3 deliveries from NISA per week. MONDAY, WEDNESDAY and FRIDAY. On Fridays he receives the big deliveries. I have photographic evidence to back this claim which I have enclosed!

He also receives a daily delivery of milk and bread from WARBURTONS and WISEMANS and these deliveries are not a problem as they are short and swift. The rolls and newspaper deliveries arrive anytime from 5am till 6am, with the heavy steel shutters being noisily opened and slammed shut. This does cause disturbance of sleep, 7 early mornings per week. The NISA deliveries on the other hand are very obstructive and time consuming, as they require to be containerized. Time taken

to offload averages 45 minutes to 1 hour. For the past 3 months. Tayside Police have been called out repeatedly every MONDAY, WEDNESDAY and FRIDAY, because this NISA truck was obstructing Garry Place, preventing residents from exiting the street. Being a one way system the only alternative was to turn your vehicle round and exit the wrong way! HEALTH and SAFTY issue!! With local schoolchildren on their way to school, old people and visitors walking in the vicinity, not obviously expecting a vehicle to be merging from the wrong direction, (an accident waiting to happen at anytime), as agreed by Inspector Edith Bowman, Tayside Traffic Division, who stated to me that that this type of manoeuvre was unacceptable.

On the 9/3/2012 at 08:07, I witnessed a NISA truck drive into Garry Place to make a delivery which was unusual in the respect that the driver instead of reversing into the street as the norm had driven in and parked, proceeded as usual to obstruct the residents in and deliver his goods! When this driver had finished he reversed his truck back down, the way he came, as he could not exit in the proper way as his vehicle was too large. He reversed out into the main street, Glengarry Road, blind, without a banksman and nearly collided with an oncoming vehicle. Another health and safety issue once again. Photographic evidence enclosed.

Mr Fyfe in his statement goes on to claim that the offending container cannot be seen by the ground floor flat! I would invite Mr Fyfe, or any of the review panel into my home to look out my window and observe the blue unit sitting 2 metres away from my bedroom window. I would then ask Mr Fyfe if he would like a similar blue container 2 metres from his bedroom window also the same question applying to Mr Casson! Would they like to be wakened 3 early mornings per week with the noise it creates when opened for stock filling by big noisy 18 ton trucks and the rattling of steel wheeled stock cages traveling to and fro delivering stock into this blue container. (next to residents bedroom windows). Also 7 mornings per week for stock removal to his other shop at Bridgend. Not 5-10 per week, as stated by Mr Fyfe, more like double those figures!

We all know the answer to that question! My conclusion is what you wouldn't wish upon yourself don't burden others with it. I have enclosed photographic evidence showing the container from my bedroom window.

Looking through Mr Fyfes photographs he actually backs up what I am trying to say that there is not one single container sited 2 metres away from a residential home. They are all being used in yards and not a single one in a shopping outlet!

Addressing the agents claim that one family appear to be leading a witch hunt against the shop. I find this to be highly offensive and slanderous that he is stating there is an element of collusion amongst the objectors regarding this blue container. Surely if this container is the main problem, how do we address it without the objections being/sounding of a similar nature? Quite frankly Mr Fyfe should state fact not supposition. I am more than capable of conducting my own objections without resorting to recruiting other people who are free to voice their own opinion, which they obviously have done.

IN CONCLUSION

It is more than obvious, that in complete contradiction to Mr Fyfes claim that this a question of VISUAL APPEARANCE !it is only touching the tip of the iceberg! Screening this container only helps to partially hide this problem.

In a nutshell the biggest bone of contention is this blue container which has been on site, without permission, for 3 long years and latterly there has been a Council enforcement noticed served on it.

This funnily enough seemed to spur the agent on to actually putting an appeal in, after the second refusal. Why did he not put an appeal in after the first time refusal? Was it to delay and gain more storage time? More time wasting tactics to milk the slow cogs of the Council planning system.

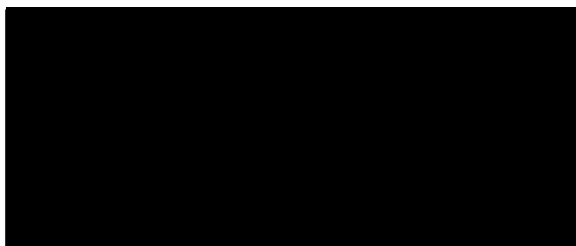
As stated there is sufficient storage within the shop for this one shop. He does not require this container other than to store stock for his other outlet at Bridgend. He removes the stock daily, 7 days per week. With the removal of this container it would alleviate the need for noisy trucks obstructing Garry Place and causing health and safety issues. One innocent child being knocked down, and it is too late!

This is fact and for confirmation I would consult Inspector Edith Bowman who is aware of this problem. For 3 months solid Tayside Police have attended and instructed the drivers to refrain from obstructing the road for 45mins to 1 hour. Mr Casson is aware of this situation also. I also enclose photographic evidence of Mr Casson's attitude in general, he knows not to park in the bus bays (no stopping between the hours of 7am till 11pm except buses)!

As stated neither Mr Casson nor Mr Fyfe would tolerate this kind of behaviour outside their homes sleep deprivation etc, why inflict this on others? There has never been a problem with previous shopkeepers in the past 30 years or so, regarding storage in this shop.

If the panel requires any further information from me I would be very willing to personally attend any future meetings called by the panel, to discuss this case.

Yours sincerely,

A large black rectangular redaction box covering the signature area of the letter.

Mr M Kennedy
104 Glengarry Road
Perth
PH2 0AB

Enc.

This proves that there is more than one delivery per week, from MSA to Costcutters.



please observe date and time in particular!
Wednesday 14/3/12, 10.28am.
This was the arrival time of the vehicle
for delivery.



please observe the date and the
departure time of the delivery vehicle.
Wednesday 14/3/12, 11.22am.

This vehicle sat and delivered goods
for nearly one hour in total.



please observe time and date, Monday 12/3/12, 1.06pm
Vehicle parked in bus bay, delivering stock. Was
sitting for 45 minutes.



Please see date and time of photograph. ↑

This vehicle drove in to Garry Place, blocked departing for work residents, Was sitting for 35 minutes, then reversed all the way back out. Reversing into a main road without a banks man, blindly, almost causing an accident with another vehicle



Observe the time and date, TUESDAY 13/3/12, 10.11am.
Mr. Casson removing stock from the blue container,
to transport to his other shop at Bridgend.
Grey van with back door opened.
Notice the ancillary storage already at the back of
the shop.
space



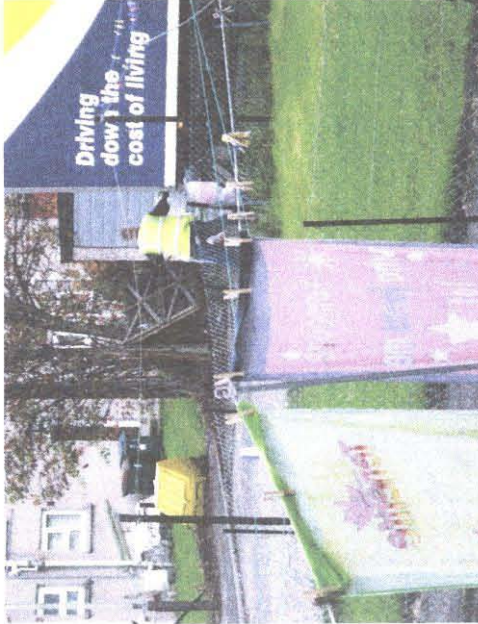
↗ ↖
shop ancillary storage area.

This is the view we have from our bedroom window every morning. Mr. Fyfe claims that this blue container cannot be seen from ground floor flats to either side of the shop, or from above, which it can. You can see from the residents windows opposite, that this blue container is visually noticeable! It has also blocked our shed for 3 years and we have been unable to crosscode our shed annually, causing dampness, and rotting of the wood.



please see date and time, Friday 3/2/12, 10.37am.

2 trucks for delivery to stop, stopping and unloading at the same time, one on the bus bay and causing the buses to stop, out of it's designated bus bay.



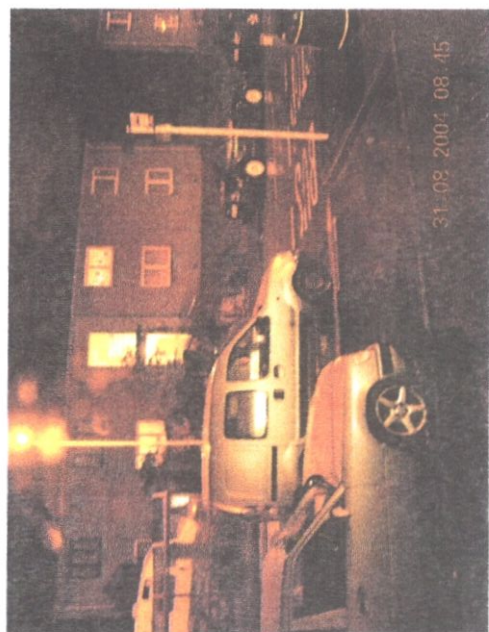
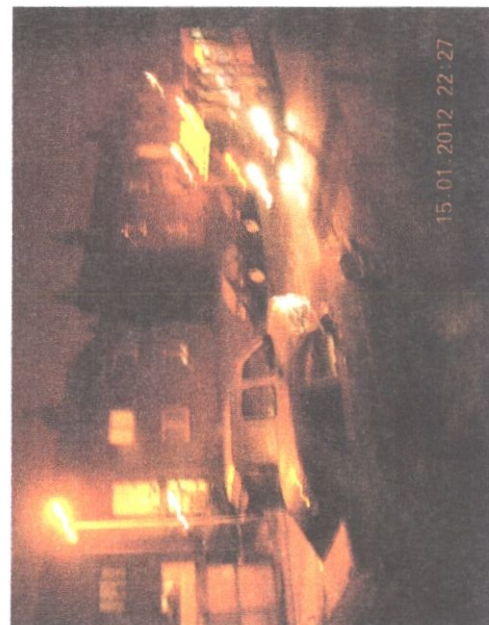
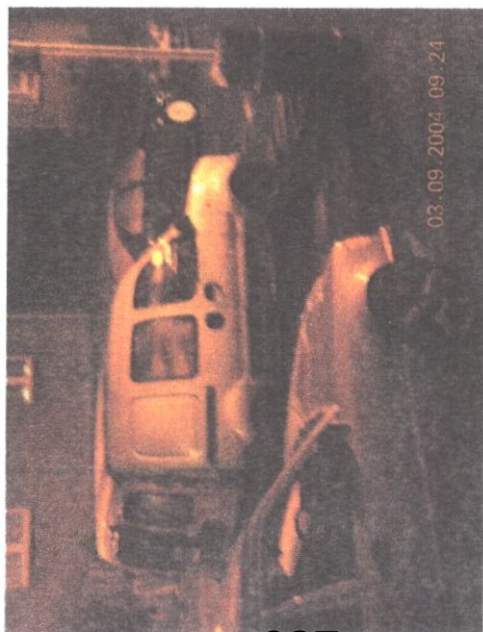




No stopping 7am till 11pm, except
buses, sign at bus stop.

Mr Cassons vehicles regularly sits
there, obviously a law unto
himself.

Observe time and dates on
each photograph.





Delivery truck reversed into Garry Place, to deliver stock. Blocked residents from getting out. Asked to move by the local police. 30 minutes



Delivery truck parked diagonally across the street,
Time taken 30 minutes.



observe noisy paller, steel wheeled, delivering
stock



This bus is unable to get into its parking bay as the NISA truck is delivering stock. The truck was sitting for 35 minutes delivering stock.

CHX Planning Local Review Body - Generic Email Account

From: maria stirton [REDACTED]
Sent: 15 March 2012 11:57
To: CHX Planning Local Review Body - Generic Email Account
Subject: Local Review Case No TCP/11/16(173)

Local Review Body
 Perth & Kinross Council
 2 High Street
 Perth
 PH1 5PH

Dear Sir/Madam,

Re - Notice of review letter - Application Ref: 11/01510/FLL, dated 01/03/2012.
 Costcutters, 102 Glengarry Road, Perth. PH2 0AB.

Notes of representation:

- This big blue industrial container has been sitting for 3 years already.

(This is how long it has taken for anything to actually finally be resolved about it, by the Council and the Shop owner's agent).

- A 6 month period is temporary. 3 years already is leaning to more of a permanent fixture. 5 years would be permanent fixture.
- The planning application has been refused twice already.
- The blue container is an eyesore and can be noticeably viewed 2 metres away from my bedroom window.

It is also noticeable by other residents from their windows, both upstairs and downstairs residents, who live in Garry Place.

- The shop already has an ancillary storage space built into the back of it and all previous owners have managed to run the shop without resorting to

other extra external storage methods.

- The container is required/being used to house stock for another shop at Bridgend, Perth.

Since the arrival of this blue container residents have had to put up with added health and safety issues. Unloading stock from huge lorries, which block residents in, in Garry Place. Noise from the lorries whilst unloading stock. ie rattling of metal wheeled stock pallets and cages. Reversing out the wrong way (illegal) and causing dangers for on coming vehicles in Glengarry Road.

- Stock is being removed daily (7 days per week) from this container, to be transported to the owners other shop at Bridgend.

The shop may open at 7am till 10pm, but I have heard the container being opened any time from 6am and up until 11.30pm in the evening.

As my bedroom window is 2 metres away from this container, I can hear it being grated open whilst in my bed sleeping.

- Delivery lorries blocking the bus bay, in Glengarry Road, for deliveries and causing the buses to park further away, which could pose a danger to passengers and other pedestrians.
- There has been a Council enforcement order served on this shop to remove this blue container.
- The Council have already asked for two other blue containers to be removed by 2 other shops in Garry Place.

These two shops complied with the Council and removed their blue containers, with no problem whatsoever. One of the shops then replaced their blue container with a wooden type garden shed, which blended in perfectly with the surrounding gardens.

I have already put an objection letter in about this case, so my views in my letter still stand. I would be willing to attend any meetings regarding this case, if the panel requires me to do so.

Yours sincerely

Maria Stirton

104B Glengarry Road
PERTH
PH2 0AB.

CHX Planning Local Review Body - Generic Email Account

From: [REDACTED]
Sent: 15 March 2012 23:59
To: CHX Planning Local Review Body - Generic Email Account
Subject: TCP/11/16 (173) 102 Glengarry Road

11/01510/FLL

Dear Madam,

the "blue metal container" is not desirable in a residential area, it is not only used for that shop at the above address but used for the other shop in Bridgend. The vehicle can't be properly parked on the space used as he takes up park space on another residents space. Regular deliveries and blocking of road takes place regularly. If you allow a environmentally eyesore to be allowed this will make a residential area more of an industrial area.

Thanks

Ms Steven & Mr Henderson

Garry Place Perth

Sent from my iPhone

7817

RECEIVED

08 MAR 2012

MRS SUSAN SHIGG.
530 GLENGARRY ROAD
PARKH.
P412 OAS

Dear Sr/Macdon-

I am writing re the application concerning the property at GLENGARRY ROAD. I have a new concern towards this application this is because of the noise that is made at very early hours of the morning because of deliveries. Application number this letter concerns is REF W/0510/FKH.

Yours sincerely


10/11/16(173)

CHIEF EXECUTIVES
DEMOCRATIC SERVICES

19 MAR 2012

RECEIVED

TCR/11/16(173)

The Secretary
Local Review Body
Perth & Kinross Council
Committee Services
Council Building
2 High Street Perth
Perth
PH1 5PH



Mr Gary Casson
c/o John Fyfe
Keir Villa
14 Strathmore St
Bridgend
Perth
PH2 7HP

26 March 2012

Dear Ms Taylor

Town and Country Planning (Scotland) Act, 1997 as amended by Planning etc (Scotland) Act 2006

NOTICE OF REVIEW - Application Number 11/01510/FFL

Temporary (5 years) siting of a small portable metal storage unit, installation of 2 air conditioning extractor fans (in retrospect) and formation of vehicular access and hardstanding and erection of screen fence (in part Retrospect) at Costcutter, 102 Glengarry Road, Perth PH2 0AB

I refer to your letters dated 16 March and 21 March 2012 both enclosing representations received from interested parties regarding the above application.

It appears from the very much reduced amount of letters received that there is nothing new in the contents. Therefore, it remains that in terms of deliveries, noise pollution from the unit/fans and the vehicle access there are still no concerns from the relative controlling authorities for such matters. This is evident from the delegated officer's report under CONSULTATION/COMMENTS i.e.

Transportation Planning No objections

Environmental Health No objections subject to implementation of a condition.

Scottish Water No objections

This means that the visual impact of the unit is still the only contentious issue regarding this application which I have covered below along with other relative comments.

While my detailed report covers the issues raised I would add the following comments regarding the latest representations:-

Extractor fans – no representation or reference

Vehicular – One minor comment with no substance.

Deliveries – to be fair the amount or type of deliveries are not really relative to this application, in fact, since the placing of the unit, they have reduced from daily to every

2nd day, as stated in my report, i.e. Monday, Wednesday & Fridays. The early morning daily deliveries of newspapers and rolls to the front door have absolutely no bearing on the presence and use of the unit or the application in general. All deliveries to the shop, whether it's early morning or throughout the day, are no different to those of any other similar community shop, particularly such as those in Rannoch Road and Dunkeld Road also involving a narrow service road. The shop with or without the unit will have a set number of regular deliveries and residents must surely appreciate this and the difficulties that all drivers have in carrying out this task, not just at Glengarry Road but almost anywhere.

While reversing down the service road is not a good practice, it is not illegal, as I understand that the signage is only advisory and not mandatory. The Council bin wagon faces the exact same problems and it too has to resort to similar practices.

I should confirm that general negotiations are currently ongoing with roads and police officials in order to improve the situation and to ensure safety is not compromised but this is not related to the planning application and the outcome will not have any bearing on the decision process. Lastly, removal of the unit may well result in returning back to daily deliveries.

Storage Unit – Most of the complainants refer to the unit as “Big and Blue” when it is actually a very small unit compared to all the other larger blue units previously identified.

The apparently offending blue colour can be conditionally changed and painted brown to compliment the proposed decorative screening and soften the visual impact or to any colour the planners wish. It has been suggested to simply replace the unit with a timber shed but this would not be secure enough to hold expensive stock nor fit for insurance purposes. The fact that so many units exist in residential area and open green spaces is surely evidence that there is a clear need for such storage units within the current financial climate. No more so than the high number sited by the Council itself. Furthermore, I can assure you that these type of storage units are used by other shop outlets which is contrary to a comment made by one of the recent complainers.

Comments regarding early morning noise relating to the use of the unit would not be an issue as access to the unit, within permitted hours, would form part of any conditional approval under the environmental health requirements.

An enforcement notice has been served relating to the unit but this has only been necessary in the absence of planning approval. If planning approval is granted for the unit the enforcement officer will automatically withdraw the notice.

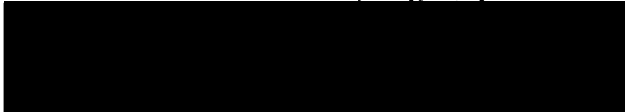
Taking everything into consideration I am still at a loss why only Garry Place has been singled out by the Council when so many larger blue units without planning/enforcement in more prominent residential areas are in existence and are permitted to remain on a permanent basis and particularly since most of the units have been sited by various Council services as well as private parties over many years. Also all these units must surely be detrimental to both the visual and residential amenity of the immediate area, contrary to Policy 41 of both Perth Area Local Plan 1995 incorporating Alteration No 1 Housing Land 2000 and therefore must clearly be in breach of these Council Policies.

In the circumstances, I am sure that the review body must understand and be sympathetic to reasons why my client has great difficulty in accepting the planner's decision in light of all the many blatant anomalies and indifferences that widely exist regarding the use of this type of temporary unit which have obviously been accepted by the Council over many years. So why in this case is it any different to those that have been allowed remain in the past and in an uncontrolled manner?

It is widely understood that Perth is renowned for its small local shops which are normally supported by Perth & Kinross Council and their Policies but it has obviously faltered in this instance. However, hopefully common sense and a positive understanding of the difficult situation will prevail.

I trust the above is self explanatory but should the review body require any further clarification then please do not hesitate to contact me on my mobile No. 07748 403 814

Yours sincerely

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John A Fyfe
(Agent for Gary Casson)

TCP/11/16(173)

Planning Application 11/01510/FLL – Temporary (5 years) siting of a metal storage unit, installation of 2 air conditioning units, formation of vehicular access and hardstanding and erection of screen fence (in part retrospect) at 102 Glengarry Road, Perth, PH2 0AB

FURTHER INFORMATION

- (i) Representations previously omitted:
 - Objection from Mr J Stirton, dated 14 October 2011
 - Objection from Miss T Grieve, dated 16 October 2011
 - Objection from Mr D Stirton, dated 19 October 2011
- (i) Letter from Agent, dated 18 June 2012
- (iii) Letter from Agent, dated 31 July 2012

Mr james Stirton (Objects)

Comment submitted date: Fri 14 Oct 2011

The height agreed for temporary structures and design was for a wooden shed max dimensions was 8'x6' by a certain height this container would stand out as it is totally alien to a normal garden shed type of structure. I would also raise a concern that due to this structure being used for food storage there could be an attraction to vermin. Previous food storage structures at the rear of the shops have attracted rats which should be documented in the Council records.

Miss Toni Grieve (Objects)

Comment submitted date: Sun 16 Oct 2011

I wish to object to this planning application. the blue container, is unsightly and noisy when opened. It should not be sited in a residential area. I have concerns for the volume of extra lorries delivering stock to this container. Children play in garry place/ Glengarry Road, the extra volume of traffic of large lorries make this area dangerous and also for the local school children near by on there way to school. The lorries are parking on the bus bays and blocking access for residence and there visitors. the extra traffic causes noise pollution.

Mr David Stirton (Objects)**Comment submitted date: Wed 19 Oct 2011**

The big blue industrial metal container is an eyesore and makes Garry Place look like a builders yard. Screening the container will only make it bigger and more noticeable.

The fans are far too noisy to actually be permitted to be positioned next to resident's bedroom windows. They should be moved to ground level.

The Clerk
Local Review Body
Perth & Kinross Council
Committee Services
Council Building
2 High Street Perth
Perth
PH1 5PH



Mr Gary Casson
c/o John Fyfe
Keir Villa
14 Strathmore St
Bridgend
Perth
PH2 7HP

18 June 2012

Dear Ms Taylor

Town and Country Planning (Scotland) Act, 1997 as amended by Planning etc (Scotland) Act 2006

NOTICE OF REVIEW - Application Number 11/01510/FFL

Temporary (5 years) siting of a small portable metal storage unit, installation of 2 air conditioning extractor fans (in retrospect) and formation of vehicular access and hardstanding and erection of screen fence (in part Retrospect) at Costcutter, 102 Glengarry Road, Perth PH2 0AB

I refer to your letter dated 8 June 2012 and to previous correspondence regarding the above application.

Firstly, I should advise that my client was very disappointed that his application could not be fully considered at the last meeting due to a technicality and he is concerned about the length of time it is taking the Council to bring this simple application to a conclusion.

However, with regards to the site boundary in question I confirm that the rear wall of the extension is the property boundary to North side of the back door. This has been verified by the Councils Property Management and Legal sections.

This obviously means the relocated fans will slightly extend into the above flat's airspace but this is also the case for the flat roof overhang, rone, waste pipe and the window security grill.

This is also the case for the flat above the shop where wide eaves, rone & down pipe, gas & waste pipes and TV satellite dish all extend beyond the flats rear wall boundary.

The said shop and flat above are ex-council properties and the property boundaries were de-lineated by the council at time of selling. Therefore, this situation must be acceptable to both the selling and buying legal parties and in general in the property market.

I should remind you that the roof top mounted fans were not an issue in terms of planning consent as they have been in place for over 4 years and therefore no enforcement action would apply. However, they were more of an issue to the environmental services and in the circumstances the fans have already been relocated, approximately 4 months ago, to the rear wall in agreement with environmental services. Due to the very lengthy timescale

to process this simple application moving the fans prior to formal approval was in the best interests of all concerned.

Lastly, due to all the anomalies relating to this application in terms of planning decisions, policy compliance and property boundaries my client wishes the local review body to consider holding the next meeting to review the application in the form of a hearing

I trust the above is self explanatory but should the review body wish to discuss any matters further then please do not hesitate to contact me.

Yours sincerely

A large black rectangular redaction box covering the signature of the sender.

(Agent for Gary Casson)

The Clerk
Local Review Body
Perth & Kinross Council
Committee Services
Council Building
2 High Street Perth
Perth
PH1 5PH

7900

Mr Gary Casson
c/o John Fyfe
Keir Villa
14 Strathmore St
Bridgend
Perth
PH2 7HP

31 July 2012

Dear Ms Taylor

Town and Country Planning (Scotland) Act, 1997 as amended by Planning etc (Scotland) Act 2006

NOTICE OF REVIEW - Application Number 11/01510/FFL

Temporary (5 years) siting of a small portable metal storage unit, installation of 2 air conditioning extractor fans (in retrospect) and formation of vehicular access and hardstanding and erection of screen fence (in part Retrospect) at Costcutter, 102 Glengarry Road, Perth PH2 0AB

I refer to your letter dated 26 July 2012 together with relative enclosure, my recent telephone conversations and to previous correspondence all regarding the above application review.

Firstly, I should confirm that Land Owner Certificates with certificate A completed were submitted along with the original application and the above amended application.

However, I now return herewith the Land Ownership Certificates, dated 30 July 2012, with certificate B duly completed and signed as requested.

Also, I confirm that the appropriate Notice to Owner has been served, on the affected owner, by 1st class post today, 31 July 2012.

Should the review body wish to discuss any further matters then please do not hesitate to contact me.

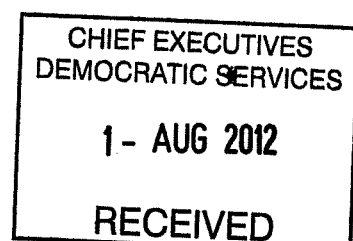
Please note that I am away on holiday from 29 August until 14 September 2012

Yours sincerely



(Agent for Gary Casson)

1 No enclosure



LAND OWNERSHIP CERTIFICATES

Town and Country Planning (Scotland) Act 1997
Regulation 15 of the Town and Country Planning (Development Management Procedure) (Scotland) Regulations 2008

CERTIFICATE A, B, C OR CERTIFICATE D MUST BE COMPLETED BY ALL APPLICANTS

CERTIFICATE A

Certificate A is for use where the applicant is the only owner of the land to which the application relates and none of the land is agricultural land.

I hereby certify that -

- (1) No person other than myself was owner of any part of the land to which the application relates at the beginning of the period of 21 days ending with the date of the application. ☐
- (2) None of the land to which the application relates constitutes or forms part of agricultural land. ☐

Signed:

On behalf of:

Date:

CERTIFICATE B

Certificate B is for use where the applicant is not the owner or sole owner of the land to which the application relates and/or where the land is agricultural land and where all owners/agricultural tenants have been identified.

I hereby certify that -

- (1) I have served notice on every person other than myself who, at the beginning of the period of 21 days ending with the date of the application was owner of any part of the land to which the application relates. These persons are: ☒

Name	Address	Date of Service of Notice
OWNER	100B GLENGARRY RD PERTH PH2 0AB	31/07/2012

- (2) None of the land to which the application relates constitutes or forms part of agricultural land ☒

or

- (3) The land or part of the land to which the application relates constitutes or forms part of agricultural land and I have served notice on every person other than myself who, at the beginning of the period of 21 days ending with the date of the application was an agricultural tenant. These persons are: ☐

Signed:



On behalf of:

—

Date:

30/07/12