

52 Tottenham Court Road

London

W1T 2EH

DESIGN AND ACCESS STATEMENT

Change of use A1 to Mixed A1/A5

(RETROSPECTIVE)



PREPARED BY

Change the Use

FOR

Korea Foods

INTRODUCTION

This planning statement has been prepared on behalf of 'Korea Foods' ('the Applicant') in support of an application for Full Planning Permission for a change of use at 52 Tottenham Court Road, London, W1T 2EH.

The planning application seeks a change of use from A1 (Retail) to a mixed A1/A5 (Retail/Hot Food Takeaway) at ground and basement floor level with the provision for internal and external alterations retrospectively.

SITE AND SURROUNDING AREA

The application site comprises of the ground floor unit at 52 Tottenham Court which is a mixed-use self-contained building situated to the western side of Tottenham Court Road.

The site lies within the Charlotte Street conservation area and the building is identified as making a positive contribution to the character and appearance of the conservation area. 52 Tottenham Court Road is located within the Central London Area and the ground floor retail unit are designated as primary frontage.

No. 52 is two bays wide and four storeys in height and dates from later on in the nineteenth century. The ground floor and basement benefits from an approved retail use (A1) however is currently used as a mixed A1/A5. The first to third floors are in use as offices (Class B1a).

Goodge Street underground station is located approximately 0.1 miles north from the application site which provides Northern line services to Edgware, High Barnet, Kennington and Charing Cross. Tottenham Court Road underground station is located within 0.2 miles which provides both Central and Northern line train services.

54 Tottenham Court Road is conveniently located close to several bus stops located within Tottenham Court Road which is frequented by regular bus services to Stoke Newington, Warren Street, Hampstead, Archway, Wood Green and the surrounding areas.

The unit currently holds a PTAL rating of 6B – the highest rating possible, indicating that there is a variety of public transport hubs less than 5 minutes away.

PLANNING HISTORY

From information made publicly available, the below highlights relevant planning history:

Reference	Description	Decision
2018/3565/P	Excavation of new basement and lowering of existing basement floor level by 1.0m; installation of 2 x new shopfronts.	Awaiting Decision
2016/2027/P	Demolition of existing rear extensions and erection of 4 storey rear extension, basement extension, roof extensions	Refused

	comprising an additional storey with mansard level above to no. 51 and set back roof extension no. 52 and external alterations including new shopfronts all to provide a mixed use retail, office and residential development involving the refurbishment and amalgamation of the existing ground floor retail units, refurbishment/reconfiguration of existing uses on the upper floors including the provision of additional office space at first - third floor levels and a new 3 bed residential flat at fourth floor level.	
2014/4266/P	Replacement of aluminium framed shopfront and doors with aluminium framed shopfront and doors at ground floor level.	Granted
2011/2286/P	Erection of roof extension to 4th floor and alterations to front elevation in connection with provision of additional 2-bed self-contained flat (Class C3).	Refused
2009/5947/C	Demolition of existing four storey buildings.	Refused
2009/5669/P	Erection of six storey building and excavation of basement to create retail space (Use Class A1) at ground and basement levels, and 3 x 2 bedroom flats, 2 studio flats (Use Class A3) and 20 bedrooms for student accommodation with shared facilities (Sui Generis) on the floors above, following demolition of the existing buildings	Refused
8900079	Erection of steel fire escape staircase in rear yard area as shown on drawing numbered SFA/TCR/002/'88.	Granted
8800479	Installation of new shopfront as shown on drawing numbers 774 and 776/1.	Granted
8880103	Display internally illuminated steel with inlaid perspex lettering fascia sign and internally illuminated steel with inlaid perspex lettering projecting box sign measuring 800mm by 800mm and mounted 2750mm above pavement level as shown on drawing numbers 774 and 776/1.	Granted

THE PROPOSED DEVELOPMENT

The planning application seeks a change of use from A1 (Retail) to a mixed A1/A5 (Retail/Hot Food Takeaway) at ground and basement floor level with the provision for internal and external alterations retrospectively.

The property is open plan with shelving throughout the unit offering a variety of Korean retail goods. There is a hot food serving area which provides take-away goods for visitors. The basement is used for storage of the stock for the retail element of the usage. During the change of use at the end of 2018, no alterations were made to the front of the property with the existing shopfront being retained. An extract system was introduced to the rear of the property which ventilates the shop and removes any smells created from the hot food counter in the building. Photographs of this system are located in the 'Planning Considerations' section of this document.

The application is being submitted following a letter which was received from 'Angela Ryan' from the Planning Enforcement Team from the London Borough of Camden.

The letter stated:

'I have been informed that a flue extractor has recently been installed at the rear of the property without the benefit of planning permission. I would also confirm that a Planning Site Inspector visited the site on 18th December 2018 and verified that as well as a retail use, the property was also being used for an A5 use (hot food take-away shop). There is also a kitchen on site where raw food was being prepared and cooked to be sold from a hot food counter on the shop floor.'

Our initial investigations suggest that the main problems are:

- That planning permission has not been sought or granted for the installation of the external flue and it is therefore deemed to be unauthorised development
- That there may be an amenity issue by virtue of cooking smells and fumes emanating from the flue and having a detrimental impact on the amenity of the occupiers of the nearby/neighbouring properties
- That planning permission has neither been sought nor granted for the partial change of use of the site to an A5 hot food take-away use

In response to the above the applicant has instructed 'Change the Use' to submit a planning application to address the issues.

Seoul Plaza opened on the 15th October 2018 as a retail store which also provides a small amount of hot food. During the process of fitting out the property, internal and external alterations were made including the introduction of a kitchen extract from the front of the property to the rear (Appendix A, B, C and D). In addition, the existing ventilation system was removed and replaced with a more suitable system with an intake louvre to the front elevation.

The property was previously occupied by 'Saucy', a pasta bar which offered fresh pasta, spiralized vegetables, coffee, cheese and charcuterie, smoothies and bagels.

SCALE

The proposed application will alter the scale of the unit which is approximately 136.5M² across both ground and basement floor level.

LANDSCAPING

The application site topography was unchanged during the change of use process. The ground is generally level throughout the site. There are no trees or other vegetation to be affected by the proposed development.

APPEARANCE

The geometry and layout of the present building was retained however minimal internal alterations may have been made to the property. A kitchen extract was installed to the rear of the property which is explained later in this document.

ACCESS

Access to the site will be unaltered, with frontal access for the general staff members and visitors to the unit.

PROPOSED OPENING TIMES

Monday - Friday: 09:00 – 21:00

Saturday: 09:00 – 21:00

Sunday: 09:00 – 21:00

EMPLOYMENT

Full Time Staff: 1

Part Time Staff: 4

NATIONAL AND LOCAL PLANNING POLICY CONTEXT

National Policy

The National Planning Policy Framework (NPPF) came into effect on 27 March 2012. The document effectively condenses previous planning policy guidance into one document (with the exception of certain Planning Policy Statements).

At the heart of the NPPF is a presumption in favour of sustainable development and paragraph 15 states:

'Policies in Local Plans should follow the approach of the presumption...so that it is clear that development which is sustainable can be approved without delay'

One of the core planning principles set out in paragraph 17 of the NPPF states that planning should:

'Not simply be about scrutiny, but instead be a creative exercise in finding ways to enhance and improve the places in which people live their lives'

Section 12 on conserving and enhancing the historic environment states that in determining applications, local planning authorities should take account of:

'The desirability of new development making a positive contribution to local character and distinctiveness'

London Plan

Boroughs' local development documents have to be 'in general conformity' with the London Plan, which is also legally part of the development plan that has to be taken into account when planning decisions are taken in any part of London unless there are planning reasons why it should not.

Relating policy:

Policy 2.15 Town Centres

Policy 7.6 Architecture

Policy 7.8 Heritage assets and archaeology

Policy 7.14 Improving air quality

Policy 2.9 - Inner London

'The Mayor will, and boroughs and other stakeholders should, work to realise the potential of inner London in ways that sustain and enhance its recent economic and demographic growth while also improving its distinct environment, neighbourhoods and public realm, supporting and sustaining existing and new communities, addressing its unique concentrations of deprivation, ensuring the availability of appropriate workspaces for the area's changing economy and improving quality of life and health for those living, working, studying or visiting there...'

Local Planning Policies

Camden Council Local Plan

The Camden Local Plan sets out the Council's planning policies and replaces the Core Strategy and Development Policies planning documents (adopted in 2010). It ensures that Camden continues to have robust, effective and up-to-date planning policies that respond to changing circumstances and the borough's unique characteristics and contribute to delivering the Camden Plan and other local priorities. The Local Plan will cover the period from 2016-2031.

The property is located within Camden Borough Council. According to the council's proposals map the property falls within a Central London Frontage and Primary Frontage.

Policy TC1 - Quantity and location of retail development

The Council will focus new shopping and related uses in Camden's designated growth areas and existing centres, having regard to the level of capacity available in these locations.

Distribution of retail across Camden

The Council will promote the following distribution of retail and other town centre uses across the borough:

Central London Frontages:

- significant provision in the Tottenham Court Road Central London Frontage; and
- additional provision in the other central London frontages.

Policy TC2 – Camden's centres and other shopping areas

The Council will promote successful and vibrant centres throughout the borough to serve the needs of residents, workers and visitors.

We will:

- a) seek to protect and enhance the role and unique character of each of Camden's centres, ensuring that new development is of an appropriate scale and character for the centre in which it is located;
- b) provide for and maintain, a range of shops including independent shops, services, food, drink and entertainment and other suitable uses to provide variety, vibrancy and choice;
- c) make sure that food, drink, entertainment and other town centre uses do not have a harmful impact on residents and the local area and focusing such uses in King's Cross and Euston Growth areas, Central London Frontages, and Town Centres (Refer to Policy TC4 Town centre uses);
- d) support and protect Camden's Neighbourhood Centres, markets and areas of specialist shopping, local shops; and
- e) pursue the individual planning objectives for each centre, as set out in supplementary planning document Camden Planning Guidance on town

centres and retail, and through the delivery of environmental, design, transport and public safety measures.

The Council has designated primary and secondary frontages in its centres, which are shown on the Local Plan Policies Map.

We will:

- f) protect the primary frontages as locations with a high proportion of shops (A1) in order to maintain the retail function of the centre; and
- g) protect the secondary frontages as locations for shops (A1) together with a broader range of other town centre uses to create centres with a range of shops, services, and food, drink and entertainment uses which support the viability and vitality of the centre.

The Council's expectations for the mix and balance of uses within frontages for each designated centre are set out in Appendix 4.

Appendix 4: Centre frontages

The Council seeks to protect the retail function of town centres by ensuring there is a minimum proportion of premises in A1 retail (shop) use. In addition, in some locations the Council seeks to manage the mix and balance of uses, and the impact of food, drink, and entertainment uses by setting maximum proportion of these uses. The proportion of A1 shop and A3, A4, and A5 food, drink, and entertainment uses the Council expect for primary and secondary frontages is set out on the table below. This policy should be read in conjunction with the detailed centre specific guidance in Camden Planning Guidance on town centres and retail.

Centre	Frontage type Displayed on the Policies Map	A1 shops Minimum proportion of A1 shops in each individual frontage	A3 A4 A5 food, drink, and entertainment uses Maximum proportion of A3, A4, and A5 uses combined in each individual frontage	A3 A4 A5 food, drink, and entertainment uses and other non retail uses Other restrictions
Tottenham Court Road	Primary	Min 80%	-	-

PLANNING CONSIDERATIONS

The NPPF emphasises that the presumption in favour of sustainable development should be at the heart of plan-making and decision-taking which means that planning permission should be granted unless any adverse impacts of doing so would significantly and demonstrably outweigh the benefits when assessed against the policies in the NPPF as a whole. Significant weight should be placed on developments such as this which bring investment and create new job opportunities.

The proposed change of use would wholly support the aims of the NPPF by investing in the local economy, creating new jobs and supporting local businesses within Camden Council. National policy is fully supportive of the development of town centre usages in accessible locations, such as the application site.

The site lies within the Charlotte Street conservation area and the building is identified as making a positive contribution to the character and appearance of the conservation area. 52 Tottenham Court Road is located within the Central London Area and the ground floor retail unit are designated as primary frontage.

Camden Councils Local Plan policy TC2 seeks to protect the primary frontages within town central locations by maintaining a high level of A1 unit within them. The policy seeks to ensure the vitality and viability of town centres, local centres, small and local parades. The policy sets out criteria that need to be met specifically for change of use applications from A1 retail stores to non-retail usages at ground floor level.

Policy TC2 refers to Appendix 4 of the local plan which states that a minimum of 80% of retail units are to be of an A1 usage in the primary shopping frontage.

A survey was undertaken on the 31ST January 2019 which identified the usage of all the properties located within the Primary Frontage. The findings are located below:

Usage	Amount
A1	97
A2	15
A3	14
A4	7
A5	10
D1	1
D2	3
C1	1
Sui-Generis	5
B1	6
Total	159

Usage	
A1	Non-A1
97 (61%)	62 (39%)

It is clear to see from the figures above that current percentage of A1 units fall well below the 80% target threshold outlined within Appendix 4 of the Camden Local Plan. However, the proposed development only seeks a change of use for a small amount of the retail unit. The overall floor area of the property is 136.4M² and the applicant seeks to retain only 105.5M² of this as A1 retail.

As the drawings indicate, a cook line provides an area for the chefs to prepare fresh food on site which is then moved into a serving area where customers take pre-made dishes. Whilst the unit offers a small selection of hot food, there is no menu to choose from & therefore a customer selects premade goods away from the premises in a traditional retail type manner.

This area totals only 22 percent of the total floor area of the shop where as the retail element totals the remainder 78 percent.

With this considered it will support, protect and enhance the role and unique character of Tottenham Court Road Primary Shopping Frontage.

Photographs below show the extend of the A1 retail element of the operation.

With all of the above considered the proposed change of use will not negatively impact the Primary Shopping Area as it will remain a predominantly A1 retail unit however provide a small element of A5 take away to accompany the business.



Photograph 1: Chillers



Photograph 2: Shelving & Chillers

The current usage has not resulted in an adverse impact on the amenity of nearby occupiers. During the fit-out process for the current use, a kitchen extract system was installed to the property which relevant information has been supplied in the appendix of this document.

The basic design for the extract system has been included in Appendix A and B, a quote was put together based on this design which is located in Appendix C.

The delivery notes from the project have been kept and can be located in Appendix D – these outline the components which form the extraction system which is installed into the property. Specification sheets of all major products installed into the extract system have been included within Appendix E of this document.

The photographs below show the extract system which was designed in Appendix A and B installed to the roof of the property. This was the only external element of the building which could be accessed therefore a survey of this area was unobtainable. During the planning process it is advised that a site visit is completed where access can be granted to this area to provide a better understanding of the extract flue.



Photograph 3: Extract System



Photograph 4: Extract System

The National Planning Policy Framework and several Camden Council policies all seek to promote accessibility to a range of services and facilities. All of the below provides evidence that the application site is located within in an assessible location therefore supporting the national and local planning policies.

Goodge Street underground station is located approximately 0.1 miles north from the application site which provides Northern line services to Edgware, High Barnet, Kennington and Charing Cross. Tottenham Court Road underground station is located within 0.2 miles which provides both Central and Northern line train services.

54 Tottenham Court Road is conveniently located close to several bus stops located within Tottenham Court Road which is frequented by regular bus services to Stoke Newington, Warren Street, Hampstead, Archway, Wood Green and the surrounding areas.

The unit currently holds a PTAL rating of 6B – the highest rating possible, indicating that there is a variety of public transport hubs less than 5 minutes away.

Planning policy TC1 seeks to promote significant provision of retail and other town centre uses across the borough and in particular Tottenham Court Road Central London Frontage.

All waste and recycling is stored on site and an appointed waste contractor collects any waste and recycling produced.

CONCLUSION

With the above & accompanying information, it is respectfully requested that this application for a change of use from A1 to mixed A1/A5 be approved.

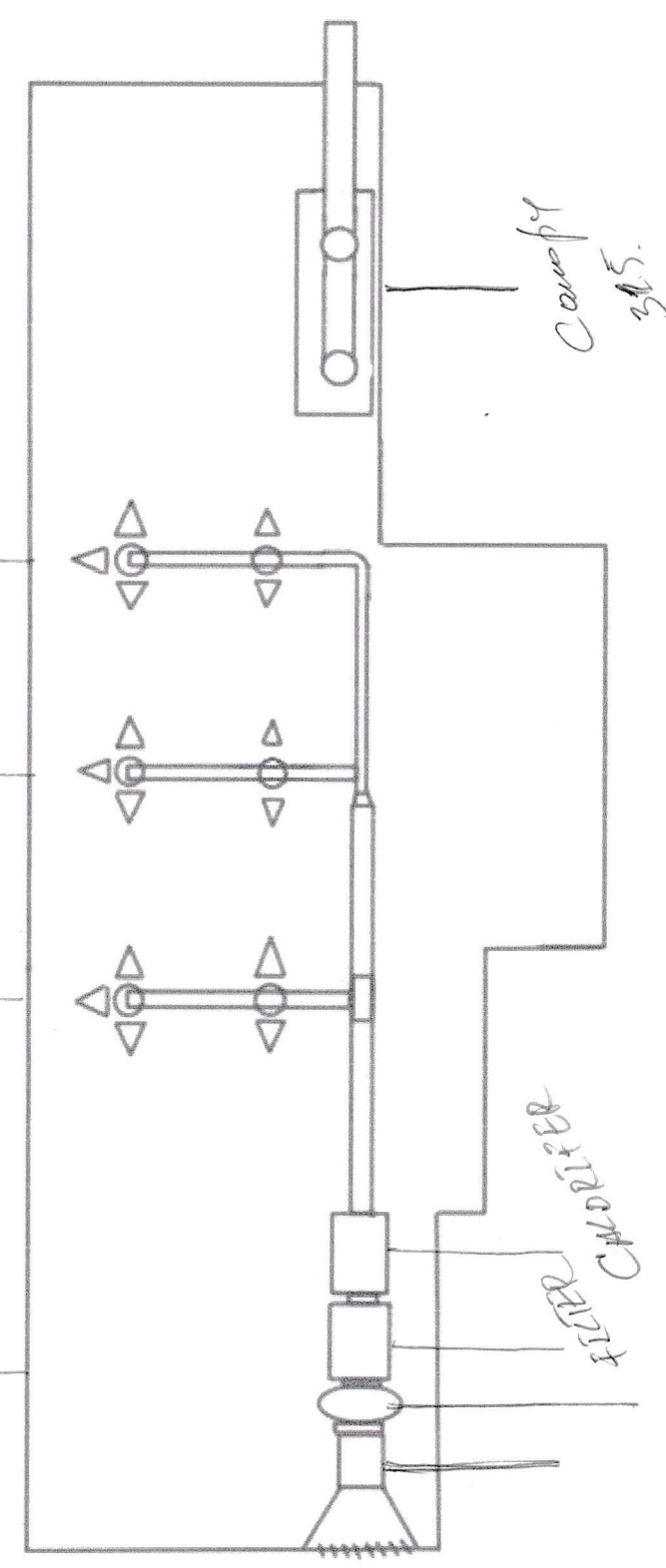
It is deemed that this change of use does not negatively affect the surrounding area adversely in any way and should be viewed as a positive addition to the local community.

The proposed is in line with the NPPF, London Plan and local policy, therefore we look forward to validation of the application and approval from the council.

Appendix A – Extract Design (Kitchen)

Shop/Kitchen air
ventilation system
new design

Suggested design of air
flow for kitchen



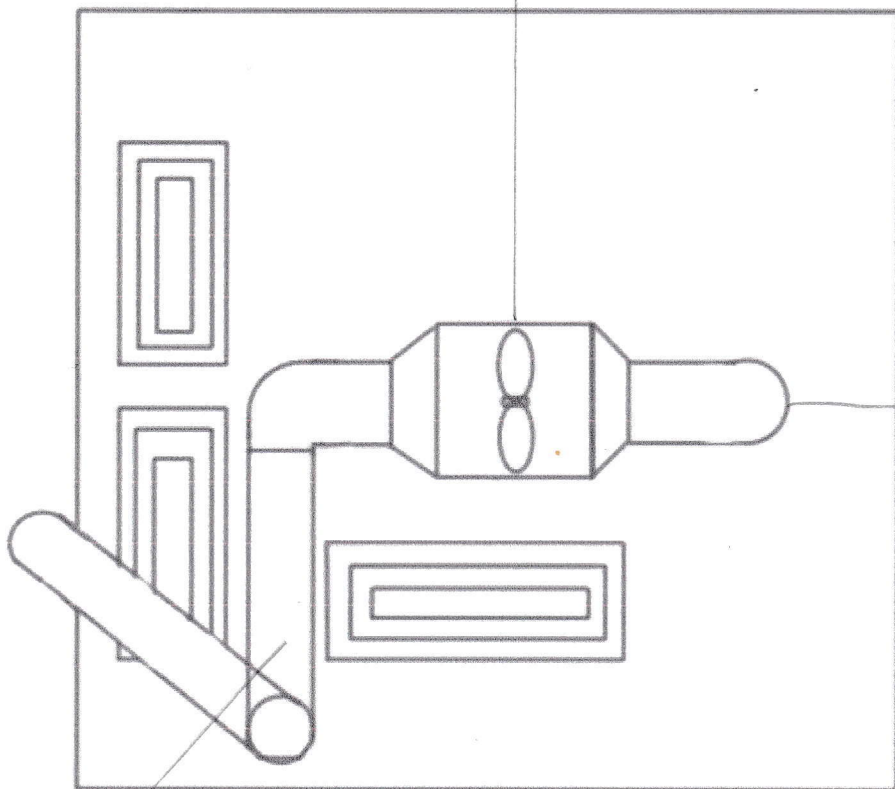
Vertical
Engine

Exhaust
345

Appendix B – Extract Design (Roof)

ventilating / new
exhaust / engine

existing pipe



Roof
air ventilation
system.

Appendix C – Extract Quote

Quotation QUO-1303906-D4D0P6 2

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Date: 09/11/18

Customer no

Our reference Cyrina Kelly
Salesperson D300DAG Dagenham

Valid from 08.11.2018
Valid to 06.02.2019
Availability

Customer ref no

Manandpower Ltd
17 Morland House
Marsham Street
London
SW1P 4JH
Great Britain
Your reference:
Ermek Erk

Tel: 0207 8280919
Fax:

Project: Air Exhaust Parts

General information:

Attachments to this quote:

For more information about this offer, please contact Cyrina Kelly, +44 208 595 5226.

With best regards

Systemair Fans & Spares

D300DAG Dagenham
Tel. 0208 595 5226
Fax. 0208 593 4257
E-Mail: dagenham@systemair.co.uk

Systemair Fans & Spares
Unit 1 Midas Business Centre
DAGENHAM
RM10 8PS

Quotation
QUO-1303906-D4D0P6 2

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09/11/18

Project

Air Exhaust Parts

Our reference

Cyrina Kelly

Telephone

+44 208 595 5226

Pos.	Item number	Description	Qty.	Unit price Discount	Total
1	52523	VSP315 Spiral duct 315mm 3m SPIRAL SP 315mm 3m Length spiral duct VSP315	2 Pcs	19,90 £	39,80 £
2	52516	VSP250 Spiral duct 250mm 3m SPIRAL SP 250mm 3m Length spiral duct VSP250	2 Pcs	15,56 £	31,12 £
3	52512	VSP160 Spiral duct 160mm 3m SPIRAL SP 160mm 3m Length spiral duct VSP160	3 Pcs	10,06 £	30,18 £
4	52558	VSP90315 Fabricated 90' bend SPIRAL SP90 315mm 90' Bend fabricated	4 Pcs	10,75 £	43,00 £
5	52536	VSP45315 Fabricated 45' bend SPIRAL SP45 315mm 45' Bend fabricated	4 Pcs	7,38 £	29,52 £
6	52640	VSPET160 Equal TEE pressed SPIRAL SPET 160mm Equal TEE pressed	3 Pcs	9,99 £	29,97 £
7	52643	250x160I TEE pressed SPIRAL SPET 250mm x 160mm TEE pressed	1 Pcs	18,46 £	18,46 £
8	52645	VSPET315 Equal TEE pressed SPIRAL SPET 315mm Equal TEE pressed	2 Pcs	21,36 £	42,72 £
9	52747	VSPR250160 Reducer SPIRAL SPR 250-160mm Reducer pressed male/male	1 Pcs	11,20 £	11,20 £
10	52759	VSPR315250 Reducer SPIRAL SPR 315-250mm Reducer pressed male/male	1 Pcs	9,29 £	9,29 £
11	52610	VSPCM315 Male coupler SPIRAL SPCM 315mm Coupler male	1 Pcs	1,63 £	1,63 £
12	52575	VSPBD315 Balancing damper SPIRAL SPBD 315mm Balancing damper	1 Pcs	8,27 £	8,27 £
13	6134	RFU-160 Mounting Frame 1400pcs/pallet,without gasket,steel	1 pcs	2,88 £	2,88 £
14	19514	K 315 L Sileo**	1 Pcs	169,87 £	169,87 £

Quotation
QUO-1303906-D4D0P6 2

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09/11/18

Project

Air Exhaust Parts

**Our reference
Telephone**

Cyrina Kelly
+44 208 595 5226

Pos.	Item number	Description	Qty.	Unit price Discount	Total
15	1818	FGR 315 Filter cassette SYSTEMAIR FGR Panel filter box 315 dia	1 pcs	65,62 £	65,62 £
16	5882	CBMT/Q 315-30 1Ø HEATER KIT	1 Pcs	510,10 £	510,10 £
17	5160	TG-K330 Duct Sensor 0-30°C	1 Pcs	19,58 £	19,58 £
18	310220	MTP 20, on/off, 3-step	1 Pcs	61,25 £	61,25 £
19	93290	KD 400 XL1**	1 Pcs	815,51 £	815,51 £
20	59260	DUCTWRAP 1200x25x18mtr roll ACOUSTIC 1200 x 25 x 18mtr roll ductwrap	1 Pcs	60,00 £	60,00 £
21	53454	TAPEALIFOIL 100mm 100mm Aluminium foil duct tape	1 Pcs	11,33 £	11,33 £
22	59546	TECSCREW 4.2x13 (1000) METALS Tecscrow 4.2x13 (per 1000)	1 Pcs	9,92 £	9,92 £
23	B501	750x250 Egg Crate Grille	1 pcs	22,20 £	22,20 £
Carried forward					2.043,42 £

Goods value:
2.043,42 £

Freight:
65,00 £

Total excl VAT
2.108,42 £

Technical description and variations of enquiry:

Payment Terms: 60 days end of month, .

We reserve the rights of credit information in connection with order.

We hope that our offer will be to your satisfaction.

Appendix D – Delivery Note

Consignee

Korea Foods Company Ltd
C/o Seoul Plaza
52 Tottenham Court Road
London Ermek-07880 719670
W1T 2EH

Delivery no 15413946

Packing dt. 221118

Your reference
Delivery method Carrier overnig

Delivery terms
Consignor

Systemair Fans & Spares Ltd
Unit 1 Midas Business Centre
Wantz Road
DAGENHAM RM10 8PS
GREAT BRITAIN

Our item no	Item name	Quantity	Your order no.	Order number
52523	VSP315 Spiral duct 315mm 3m SPIRAL SP 315mm 3m Length spiral duct VSP315	2 Pcs	KOREA FOOD COMPAN	0005017321 4
52516	VSP250 Spiral duct 250mm 3m SPIRAL SP 250mm 3m Length spiral duct VSP250	2 Pcs	KOREA FOOD COMPAN	0005017321 13
52512	VSP160 Spiral duct 160mm 3m SPIRAL SP 160mm 3m Length spiral duct VSP160	3 Pcs	KOREA FOOD COMPAN	0005017321 16
52558	VSP90315 Fabricated 90' bend SPIRAL SP90 315mm 90' Bend fabricated	4 Pcs	KOREA FOOD COMPAN	0005017321 10
52536	VSP45315 Fabricated 45' bend SPIRAL SP45 315mm 45' Bend fabricated	4 Pcs	KOREA FOOD COMPAN	0005017321 11
52640	VSPET160 Equal TEE pressed SPIRAL SPET 160mm Equal TEE pressed	3 Pcs	KOREA FOOD COMPAN	0005017321 17
52643	VSPT250x160 TEE pressed SPIRAL SPET 250mm Equal TEE pressed	1 Pcs	KOREA FOOD COMPAN	0005017321 9
52645	VSPET315 Equal TEE pressed SPIRAL SPET 315mm Equal TEE pressed	2 Pcs	KOREA FOOD COMPAN	0005017321 12
52747	VSPR250160 Reducer SPIRAL SPR 250-160mm Reducer pressed male/male	1 Pcs	KOREA FOOD COMPAN	0005017321 18
52759	VSPR315250 Reducer SPIRAL SPR 315-250mm Reducer pressed male/male	1 Pcs	KOREA FOOD COMPAN	0005017321 7
52610	VSPCM315 Male coupler SPIRAL SPCM 315mm Coupler male	1 Pcs	KOREA FOOD COMPAN	0005017321 8
52575	VSPBD315 Balancing damper SPIRAL SPBD 315mm Balancing damper	1 Pcs	KOREA FOOD COMPAN	0005017321 6
6134	RFU-160 Mounting Frame 1400pcs/pallet,without gasket,steel	1 Pcs	KOREA FOOD COMPAN	0005017321 15
19514	K 315 L sileo	1 Pcs	KOREA FOOD COMPAN	0005017321 2
1818	FGR 315 Filter cassette SYSTEMAIR FGR Panel filter box 315 dia	1 Pcs	KOREA FOOD COMPAN	0005017321 14
5882	CBMT/Q 315-30 1Ø HEATER KIT	1 Pcs	KOREA FOOD COMPAN	0005017321 19
5160	TG-K330 Duct Sensor 0-30°C	1 Pcs	KOREA FOOD COMPAN	0005017321 20
93290	KD 400 XL1**	1 Pcs	KOREA FOOD COMPAN	0005017321 21
59260	DUCTWRAP 1200x25x13.5mtr roll ACOUSTIC 1200 x 25 x 13.5mtr roll ductwrap	1 Pcs	KOREA FOOD COMPAN	0005017321 1

**DELIVERY NOTE**

Page: 2(2)

Consignee

Korea Foods Company Ltd
C/o Seoul Plaza
52 Tottenham Court Road
London Ermek-07880 719670
W1T 2EH

Delivery no	15413946
Packing dt.	221118
Your reference	
Delivery method	Carrier overnig
Delivery terms	

Consignor	Systemair Fans & Spares Ltd Unit 1 Midas Business Centre Wantz Road DAGENHAM RM10 8PS GREAT BRITAIN
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Our item no	Item name	Quantity	Your order no.	Order number
✓ 53454	TAPEALIFOIL 100mm 100mm Aluminium foil duct tape	1 Pcs	KOREA FOOD COMPAN	3
✓ 59546	TECSCREW 4.2x13 (1000)	1 Pcs	KOREA FOOD COMPAN	5
? 310220	METALS Tecscrow 4.2x13 (per 1000)	1 Pcs	KOREA FOOD COMPAN	22
✓ B501	750x250 Egg Crate Grille	1 Pcs	KOREA FOOD COMPAN	23
1925661		1		
	* Net weight			37.200
	* Gross weight			39.900
	* No. pkgs			23

Appendix E – Product Specification Sheets

K 315 L SILEO

Item no. 19514

Document type: **Product card**

Document date: **2019-02-12**

Generated by: **Systemair Online Catalogue**

Description

- Speed-controllable
- Integral thermal contacts
- Can be installed in any position
- Can be installed outdoors
- Maintenance-free and reliable

The K series is designed for installation in ducts. All the K-fans have minimum 25 mm long spigot connections.

The fans have backward-curved blades and external rotor motors. The FK mounting clamp facilitates easy installation and removal, and prevents the transfer of vibration to the duct. The fans can be speed-controlled via a stepless thyristor or a 5-step transformer.

To protect the motor from overheating the fan has integral thermal contacts with electrical reset. The casing is manufactured from galvanised sheet steel and folded which gives the fan a close to air tight casing. Duct connected outdoor and wet room applications of the fan are possible due to the air tight casing

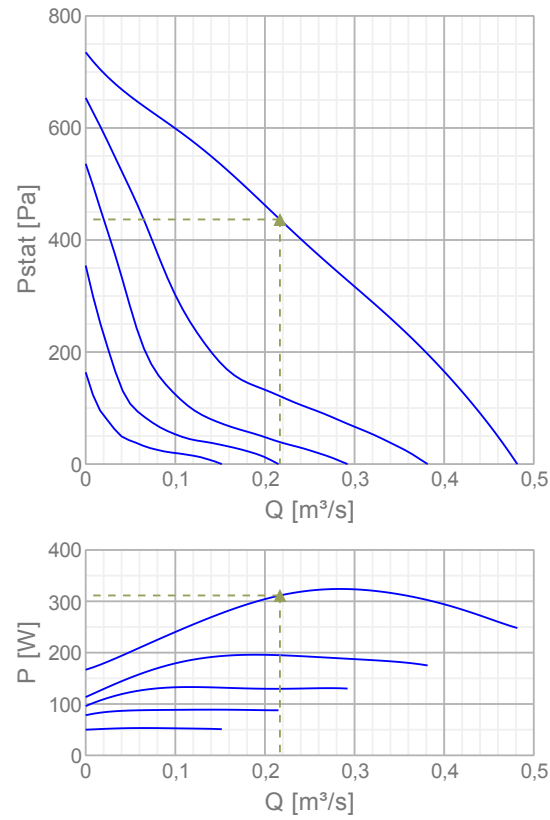


Technical parameters

Nominal data		
Voltage	230	V
Frequency	50	Hz
Phase	1	~
Input power (P1)	318	W
Current	1,39	A
Max. airflow	0,48	m³/s
R.p.m.	2318	r.p.m.
Capacitor	7	µF
Weight	6,6	kg
Temperature data		
Max. temperature of transported air	57,4	°C
Max. temperature of transported air when speed-controlled	52,4	°C
Sound data		
Sound pressure level at 3 m	49,7	dB(A)
Protection / Classification		
Insulation class	F	
Enclosure class, motor	IP44	

Diagrams

Diagrams



Max efficiency

Hydraulic data										
▲ Working air flow		0,217 m³/s								
▲ Working static pressure		437 Pa								
▲ Power		311 W								
Speed		2438 r.p.m.								
Current		1,35 A								
SFP		1,44 W/(l/s)								
Voltage		230 V								
Sound power level		63	125	250	500	1k	2k	4k	8k	Tot
Inlet	dB(A)	54	66	68	70	68	66	62	58	75
Outlet	dB(A)	56	66	68	70	71	70	64	58	76
Surrounding	dB(A)	27	34	50	56	46	50	46	39	59

CBMT/Q 315-30 1Ø HEATER KIT

Item no. **5882**

Document type: **Product card**

Document date: **2019-02-12**

Generated by: **Systemair Online Catalogue**

Description

Circular electric heater kit comprising CBMT duct heater, TG-R430 room sensor, and TG-K330 duct sensor.

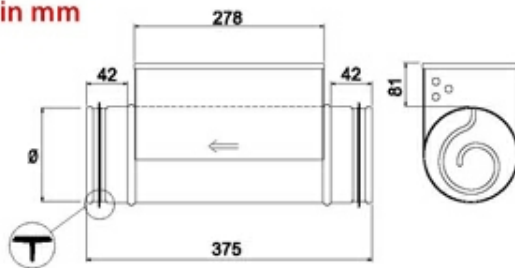
The duct heater has built-in control equipment for room sensor with setpoint adjuster type TG-R430 and supply air sensor TG-K330. The minimum and maximum supply air temperatures are set on the duct heater circuit board. The CBMT model also has a built-in electronic flow monitor which simplifies the installation since it can be installed "stand alone".

For details of the TG-R and TG-K please refer to their own pages in the catalogue.



Dimensions

Dimensions in mm



Wiring



CBMTQ Wiring.pdf (478,53kB)

Specification text

This product is discontinued

Document type: **Product card**
Document date: **2019-02-12**
Generated by: **Systemair Online Catalogue**

KD 400 XL1

Item no. 1301

Version: 50 Hz



Description

- High efficiency – low noise
- Speed-controllable
- Integral thermal contacts
- Can be installed in any position
- Maintenance-free and reliable

The KD series have external rotor motors with a new type of mixed flow impeller which reduces the external dimensions of the fans. These fans have a high capacity in relation to their compact design. Brackets are supplied with the fans to make installation easier. The FK mounting clamp facilitates easy installation and removal and prevents the transfer of vibrations to the duct. To protect the motor from overheating the fan has integral thermal contacts with leads to a motor protection device. The casing is manufactured from galvanised sheet steel.



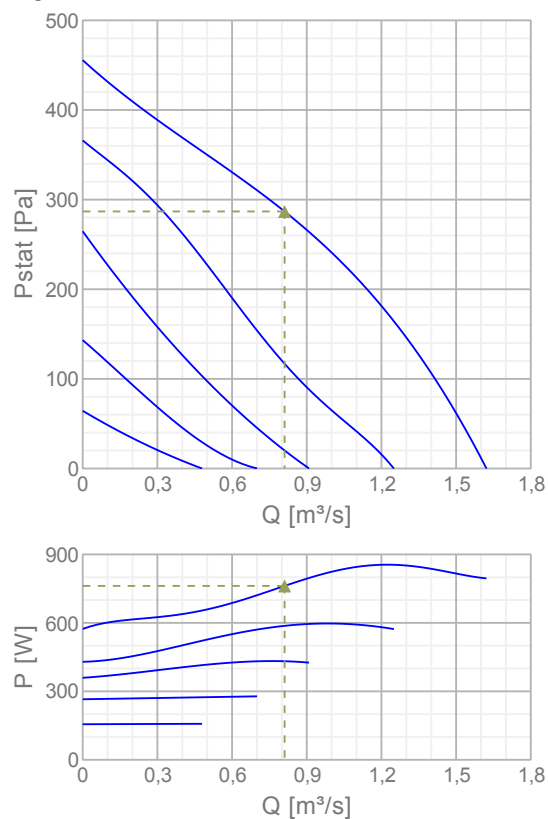
Technical parameters

Default group		
Voltage	230	V
Frequency	50	Hz
Phase	1	~
Input power (P1)	855	W
Current	4,24	A
Max. airflow	1,62	m³/s
R.p.m.	1298	r.p.m.
Max. temperature of transported air	64,9	°C
Max. temperature of transported air when speed-controlled	64,9	°C
Sound pressure level at 3 m	63,5	dB(A)
Weight	26,5	kg
Insulation class	F	
Enclosure class, motor	IP54	
Capacitor	16	µF

ErP

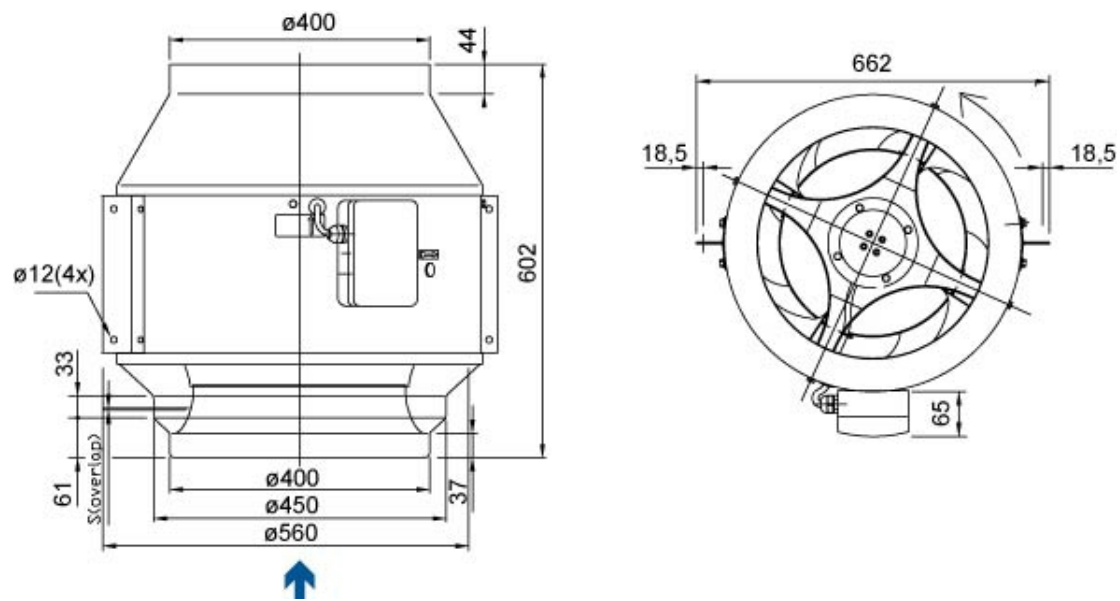
ErP ready

ErP 2016

Diagrams**Diagrams****Max efficiency**

Hydraulic data										
▲ Working air flow		0,811 m^3/s								
▲ Working static pressure		287 Pa								
▲ Power		762 W								
Speed		1329 r.p.m.								
Current		3,79 A								
SFP		0,939 $\text{W}/(\text{l/s})$								
Voltage		230 V								
Sound power level		63	125	250	500	1k	2k	4k	8k	Tot
Inlet	dB(A)	55	79	78	77	71	68	66	58	83
Outlet	dB(A)	54	79	80	79	75	71	69	60	85
Surrounding	dB(A)	21	62	64	68	59	54	52	41	70

Dimensions



FGR 315 FILTER CASSETTE

Item no. 1818

Document type: Product card

Document date: 2019-02-12

Generated by: Systemair Online Catalogue

Description

Filter cassette for circular ducts

The FGR filter cassette is fitted with a standard type G3 panel filter. The cassette housing is manufactured from galvanised sheet steel with rubber-sealed circular connections, toggle locks and disposable filters. Replacement PFR filters are sold in packs of five.

The filter cassette is suitable for use as a supply-air filter in heavy industry and industrial workshops. Nytrel panel filters (available for sizes 100 to 200) are recommended for exhaust air from tumble driers. The recommended final pressure drop is 170 Pa for the G3 filter.



Accessories

Electric accessories

[MFRO Manometer \(6688\)](#)

Accessories

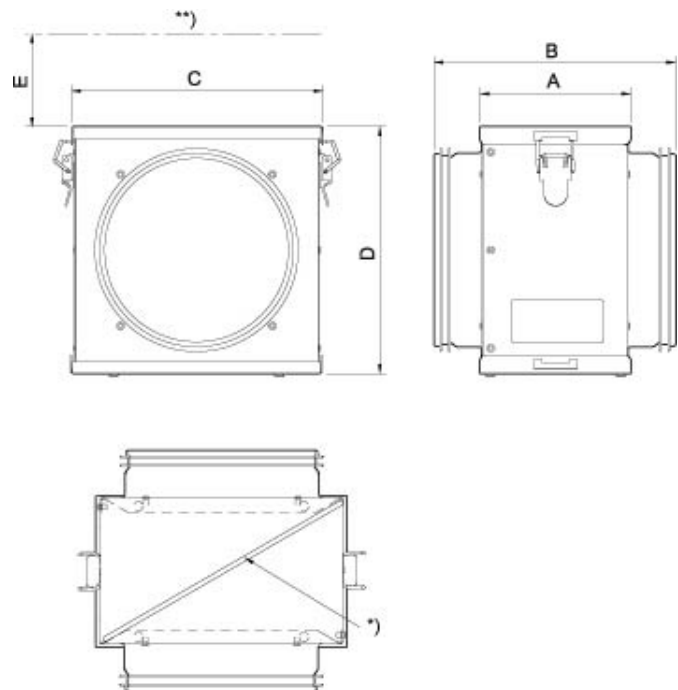
[PFR 315 Coarse 50% Filter \(5205\)](#)

Dimensions

	ø	A	B	C	D	E
FGR 100	100	123	199	205	201	190
FGR 125	125	123	199	205	201	190
FGR 150	150	123	199	205	201	190
FGR 160	160	123	199	205	201	190
FGR 200	200	123	199	302	297	280
FGR 250	250	123	239	302	297	280
FGR 315	315	123	239	350	345	330
FGR 355	355	123	239	454	450	435
FGR 400	400	123	259	454	450	435

*) Filter mounting

**) Free area



Documentation

Diagram

