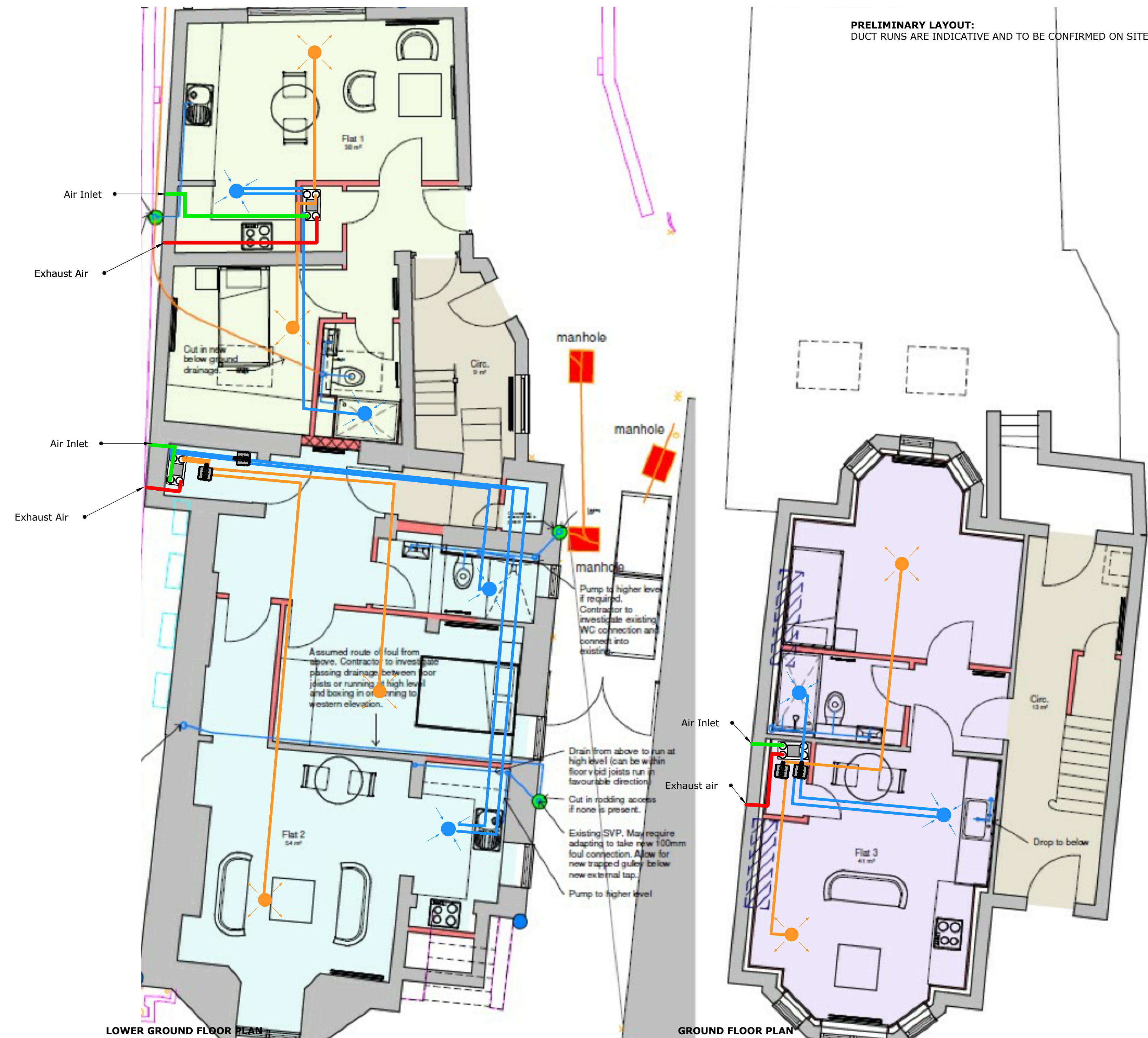
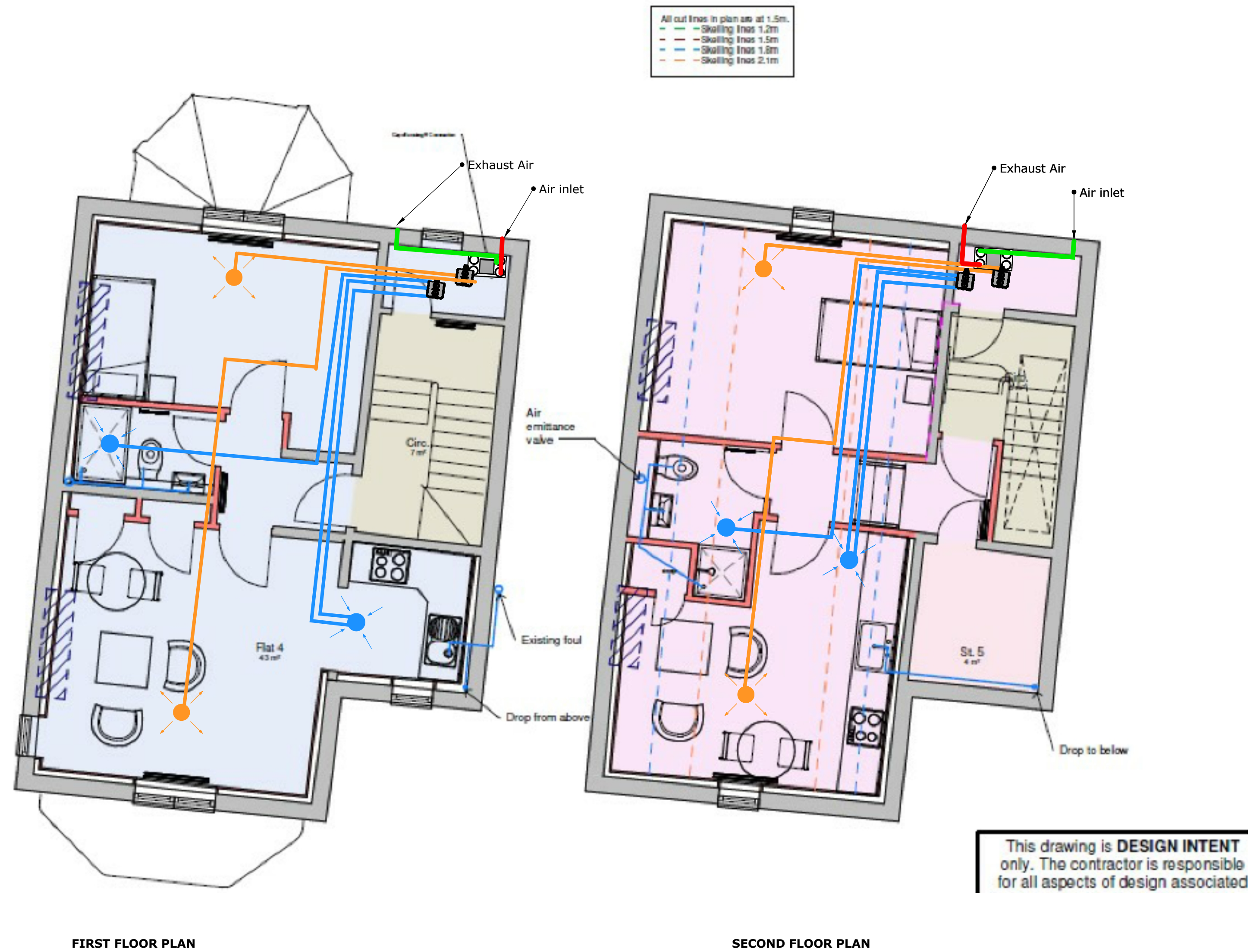




PRELIMINARY LAYOUT:
DUCT RUNS ARE INDICATIVE AND TO BE CONFIRMED ON SITE



KEY:

- MVHR Unit Ease 200- Lh 4/0
dims HxWxD: 707x560x315mm
- Extract Manifold
24 port manifold
- Supply Manifold
24 port manifold
- Extract Duct
Semi Rigid od 92mm
- Supply Duct
Semi Rigid od 92mm
- Exhaust Duct
Preinsulated
id 180mm od 210mm
- Intake Duct
Preinsulated
id 180mm od 210mm
- Air Supply Valve
- Air Extract Valve
- VC
Ventilation Controller
Brink digital Air Control

- Notes :**
- Condensate drain to be connected to MVHR Unit
 - Rubber seals to be used on all 92mm ducts.
 - Fire collars to be used on all ducts that cross a fire barrier.
 - Ensure unit is mounted level and plumb. Protect unit from plaster, dust paint etc, do not install unit until wet trades are complete.
 - Check there is complete access to the front of the MVHR via cupboard door, to enable easy replacement of filters.
 - Only use ducting specified, no flexible ducting to be used.
 - Keep open ends of ductwork sealed, to keep the inside of the ductwork clean.
 - 230V 13A spur required for power to MVHR unit.
 - 10mm gap required at the base of internal doors to allow for air transfer between rooms.

Client: Entric Services
Project: Oxford Rd, Reading
Date: 19/9/25
Drawing Title: First & Second Floor MVHR Plans
REV: 001
Scale: 1:50@A2 or 1:100 @A3
Drawn by:

EASE 200

COMPACT AND AFFORDABLE VENTILATION FOR PROJECTS AND RENOVATIONS

The changing market demands innovative and efficient solutions. New homes are more compact, existing homes are increasingly being renovated and multi-storey construction is growing in popularity. Construction costs must also be kept under control. Despite these changes, energy-efficient ventilation remains essential, which has led to strong growth in the demand for compact and affordable ventilation systems. With the Ease 200, Brink has developed the ideal answer to these market developments: a compact heat recovery ventilation (HRV) unit that is suitable for use in apartments, smaller homes, existing buildings (renovations) and project-based construction. The Ease 200 is the perfect ventilation system if you are looking for the most economical option with the high quality you expect from Brink.

SIMPLE AND PRACTICAL

The Ease 200 is a functional ventilation unit with heat recovery and a maximum capacity of 200 m³/h. The unit is easy to operate and is fitted with an integrated bypass for maximum comfort in the summer months. Because the Ease 200 is available in four versions, there is an appropriate unit for every project: left-handed and right-handed versions, and both types with an enthalpy exchanger for even greater comfort.

COMPACT DESIGN, MAXIMUM SPACE SAVING

The Ease 200 combines smart design with top performance. It is specially designed to make optimum use of smaller spaces. With a depth of just 31.5 cm, this compact unit easily fits in small spaces in apartments and small homes, such as a storage room or even a kitchen unit. The unit is also very suitable for modular construction, where flexibility and efficient use of space are essential. Thanks to the high maximum pressure drop, it is also ideal for multi-storey construction.

FOR EVEN BETTER PERFORMANCE

The Ease 200 is equipped with constant flow fans with the advantage of a perfect balance between incoming and outgoing air and therefore the lowest energy costs. The unit can be connected to a demand-driven control system, for example with CO₂ or RH sensors. A range of optional accessories is also available, including switches, a preheater and special filters for specific living environments, including particulate matter filters and/or carbon filters.

COMBINE THE BENEFITS OF CENTRAL VENTILATION WITH HRV IN A SIMPLE, ECONOMICAL DESIGN

THE BENEFITS

- Extremely compact, just 31.5 cm deep
- Fits in a 60 cm wide (storage) cupboard
- Low weight of only 17/20 kg
- Lower energy costs due to constant flow fans
- High maximum pressure drop: ideal for multi-storey
- The most economical choice with the high quality you expect from Brink
- Also available with an enthalpy exchanger: no condensate discharge needed!



FOR PROJECTS AND RENOVATIONS

Thanks to its compact dimensions, the Ease 200 is very suitable for project-based new construction, including social housing, as well as sustainable renovations of existing homes. An additional benefit of the Ease 200 with enthalpy exchanger is that no condensate discharge is needed, which makes the unit easy to install in existing homes (see installation instructions). If the Ease 200 is combined with the innovative Multi Air Supply system, no supply ducts are needed to the individual rooms. This considerably reduces construction costs.



Ease 200 installed in a kitchen cupboard in an apartment.



Ease 200 installed in a kitchen cupboard.

THE SMARTEST, MOST ECONOMICAL CHOICE WITH THE **HIGH QUALITY YOU EXPECT FROM BRINK**

Technical specifications Ease 200¹⁾

Type	Ease 200
Maximum ventilation capacity	200 m ³ /h at 200 Pa
SPI EN-13141-7 ²⁾	0,26 W/m ³ /h
Temperature performance EN-13141-7 ³⁾	87,0%
Port dimension	Ø 125 mm
Dimensions (WxHxD)	560 x 660 x 315 mm
Weight ⁴⁾	17 kg

¹⁾ Only with original Brink filters

²⁾ Enthalpy exchanger EN-13141-7 Ease 200: 0,26 W/m³/h and 76,0%

³⁾ Ease 200 with enthalpy exchanger: 20 kg

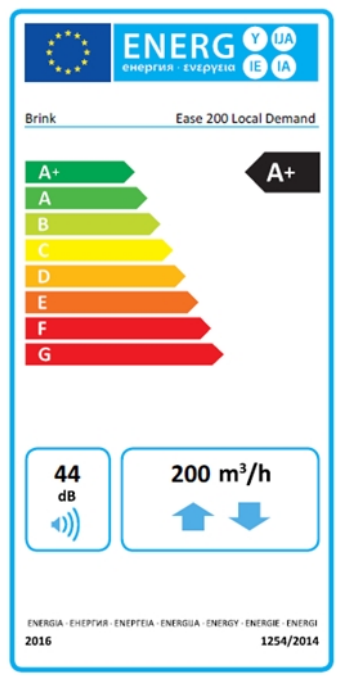


Ease 200 installed in the attic of a small terraced house.

BRINK

Air for life

Ease 200
English



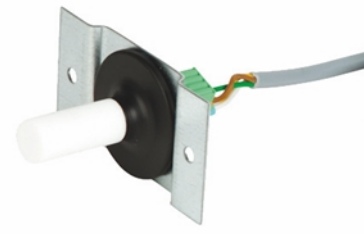
K+n wet rooms	SFP (W/l/s) [2009]	Efficiency (%) [2009]	SFP (W/l/s) [2012]	Efficiency (%) [2012]	SFP (W/l/s) [10]	Efficiency (%) [10]
n = 1	0.63	87%	0.62	86%	0.62	86%
n = 2	0.60	86%	0.72	85%	0.72	85%
n = 3	0.66	86%	0.89	84%	0.89	84%
n = 4	0.79	85%	1.16	84%	1.16	84%
n = 5	0.94	84%	1.44	83%	1.44	83%
n = 6	1.13	84%	-	-	-	-
n = 7	1.35	83%	-	-	-	-

Mechanical ventilation



Type	Index number	Status
Centralised MEV and MVHR systems	500977	Normal
Brand	Model name	Model qualifier
Brink	Ease 200	

System type	balanced whole-house mechanical ventilation with heat recovery
Duct type	rigid
Minimum duct size	125 mm diameter or 204 x 60 rectangular or larger
Original manufacturer name	Brink Climate Systems B.V.
Current manufacturer name	Brink Climate Systems B.V.
Manufacturer address	Postbus 11 Staphorst NL-7950 AA The Netherlands
Manufacturer phone	00 31 522 469944
Manufacturer website	www.brinkclimatesystems.nl
First year of manufacture	2025
Final year of manufacture	current
Summer bypass	yes
Integrated to exhaust air heat pump	No
Entry updated	23/07/2025 09:00



RH Sensor
The RH sensor detects a sudden rise of the relative humidity in a room as result of cooking or showering, for example.

Is supplied with 2m dedicated cable, one end of which must be connected to the PCB within the MVHR unit. The sensor is fitted to the extract duct.

Install notes: RHS sensor to be installed into extract duct, as per annotation. Excess cable to be hidden within coffin.



Brink touch control
The Brink Touch Control allows the user to manually control the unit speed , offers a programmed operation facility and displays error codes.

Install notes: Control to be fitted with surface mounted back box, location to be confirmed by client. 2 core cable to be run at first fix, controller requires 3 x AAA batteries.



Pro Clima Reflex Airtight Grommet
Airtight pipe and duct sealing grommet

Install notes: 205mm+ hole to be made, with 200mm steel insert. Grommet to be installed over 200mm steel ducting.

Tescon tape to be neatly cut and fitted to ensure airtight seal around grommet.

Insulated ducting to be fitted over steel ducting and butt up to wall, to prevent cold bridging.

Connecting the Condensate discharge

The condensate discharge line for the Flair appliance is located in the lower panel. The condensate is discharged through the drainpipe.

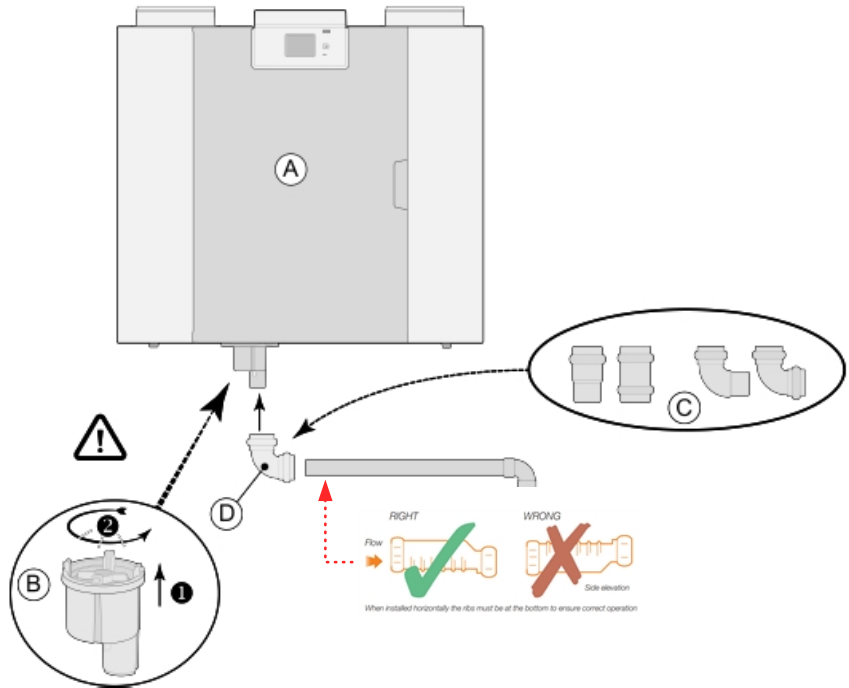
The siphon (with built-in aerator) is supplied separately with the appliance and must be fitted by the installer below the appliance (bayonet connection). The siphon has an external connection diameter of 32 mm. The siphon is connected to the inner sewer system. It is recommended to fit an odor trap between the sewer system and siphon in order to avoid unpleasant odors.

Never switch the two condensate discharge connections below the appliance.

It is recommended to use a 32 mm connection with gasket (HT DN32) (not supplied with the appliance) so that the siphon can be cleaned easily in the future.

Important: During assembly always apply a lubricant, such as acid-free vaseline, to the rubber sealing ring in the gasket. This gasket connection has to be disconnected when servicing the appliance! The siphon must not be glued to the condensate discharge line.

The condensate discharge can be connected, for example, with a straight or angled connection with gasket. Slide the condensate discharge connection with gasket with sufficient length across the connection of the siphon.



A = Flair 325 (Plus) right-hand version
B = Fitting siphon below in Flair appliance
C = Examples with condensate discharge connections with gasket HT DN32
D = Detachable connection
E = Example of odor trap

Air Excellent air distribution system....

The Air Excellent air distribution system is ductwork designed to distribute air for central mechanical ventilation systems with heat recovery used to ventilate residential and small commercial buildings.

The advantages at a glance:

- Low(er) pressure loss than traditional systems
- Installation:
 - A plastic duct on a roll is easy and quick to cut to length and bend around obstacles
 - Mechanical Connections (i.e. no duct tape) means quick, clean and consistent quality of installation
- Quick, quality and consistent commissioning using the configuration tool and airflow restrictor rings
- Insulation in air distribution boxes reduces noise transfer to and between rooms
- Easy and quick maintenance
- Mix and match duct types
- Low duct height for in-wall and/or screed floor application
- Anti-static and anti-bacterial properties
- No migration of harmful substances

Semi Rigid Radial duct sizes

AE35sc oval = 50 x 102 AE34c round = 75mm dia.

AE55sc oval = 60 x 132 AE48c round = 92mm dia



90° bends and adpaters for mixing circular and semi-circular ductwork



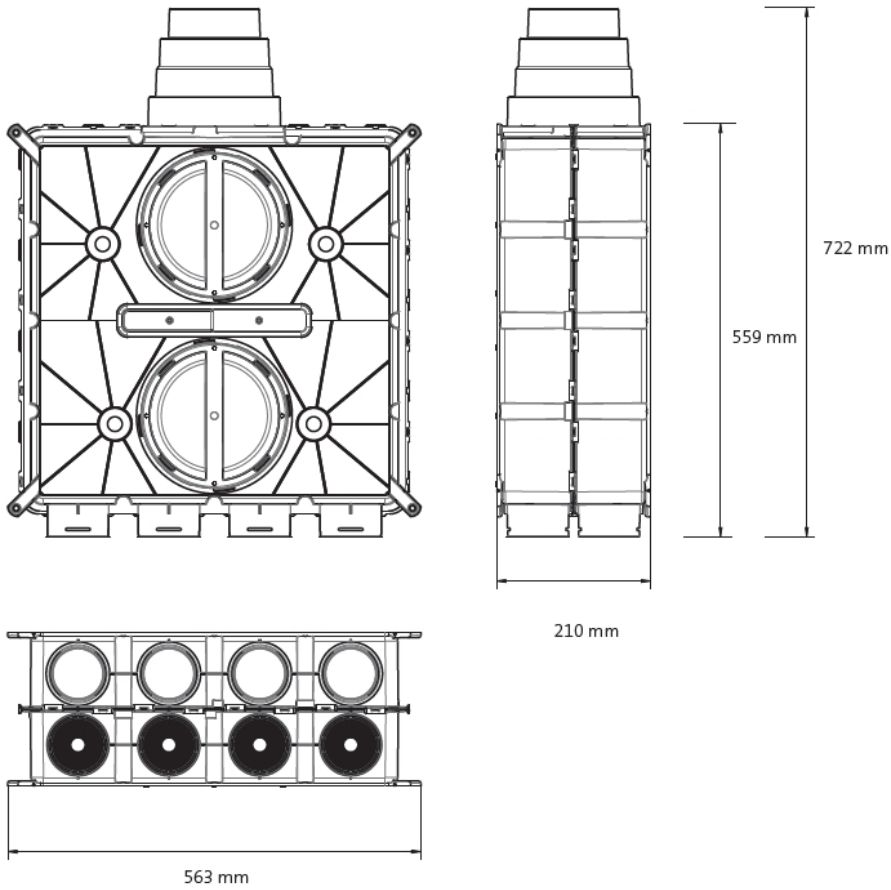
Seals and click rings for airtight connections between ductwork components



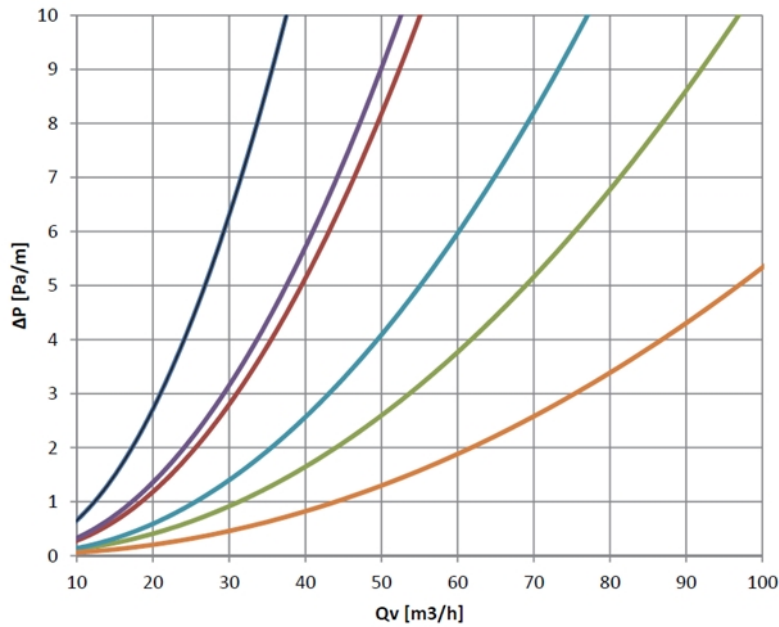
Air flow restrictor



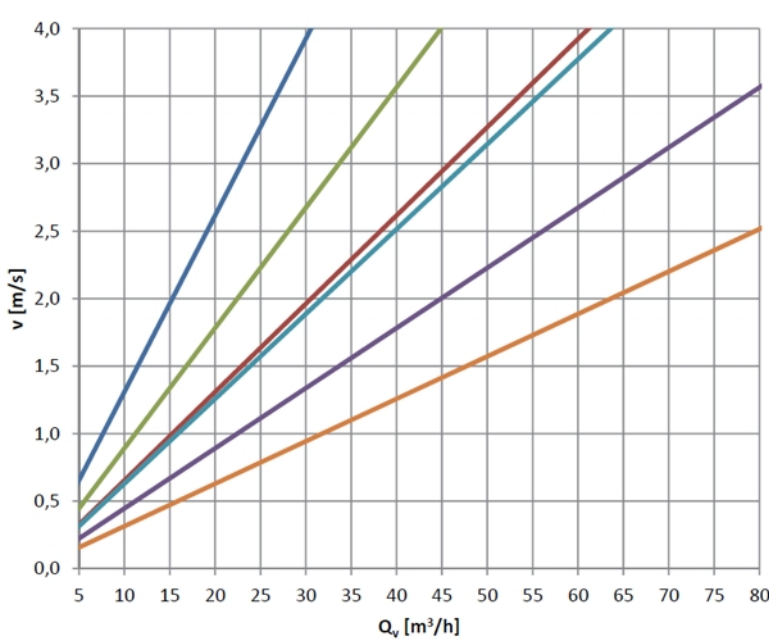
90° and 180° valve and grill adapters



Pressure loss as a function of flow rate



Air velocity as a function of flow rate



Controls



Touch Control

The Brink Control allows the user to manually control the unit speed, offers a programmed operation facility and displays error codes.



RH Sensor

The RH sensor detects a sudden rise of the relative humidity in a room as result of cooking or showering, for example.

Is supplied with 2m dedicated cable, one end of which must be connected to the PCB within the MVHR unit. The sensor is fitted to the extract duct.

Attenuators



LRCA

Straight silencer with circular connection and low installation height.

LRCA dimensions make it particularly suitable for installation above suspended ceilings or where space is otherwise limited.

Fulfils tightness class C.

Tested according to ISO 7235 standard.

Insertion loss [dB] for centre frequency [Hz]												
Ød ₁ [mm]	l [mm]	a [mm]	b [mm]	63	125	250	500	1k	2k	4k	8k	m [kg]
100	500	210	158	8	12	12	23	44	45	30	18	3,2
100	1000	210	158	17	18	25	41	50	50	50	32	5,6
125	500	239	181	8	9	11	21	36	36	23	14	3,9
125	1000	239	181	17	14	21	38	50	50	45	23	6,9
150	500	275	218	7	7	11	19	31	29	16	10	4,4
150	1000	275	218	11	11	17	35	49	50	27	16	7,9
160	500	275	218	6	7	10	18	28	24	13	10	4,4
160	1000	275	218	9	10	19	36	50	49	24	17	7,9
200	500	328	254	5	6	9	16	22	17	7	7	5,7
200	1000	328	254	11	13	15	30	46	36	14	12	10,1

Internal terminals



Valve for extract air MW124

Designed for wall or ceiling mounting.



Valve for supply air MW125

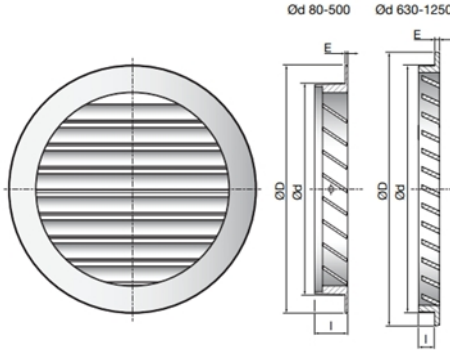
Designed for ceiling mounting. Equipped with a removable blanking-off sector plate for preventing the air flow in a desired direction.

External Terminals



YGC

Valve for outdoor air intake and exhaust air discharge. Designed with a fixed louvre



Ød nom		ØD [mm]	l [mm]	E [mm]	A _f (m ²)	Weight [kg]
80	*	98	10,0	3,5	0,003	0,10
100	*	123	19,5	2,5	0,006	0,13
125	*	149	19,5	2,5	0,009	0,18
150	*	173	19,5	2,5	0,013	0,23
160	*	183	19,0	3,0	0,015	0,27
200	*	223	19,0	3,0	0,024	0,47

Extras



Brink Post Heater

The Brink 1KW post heater is designed to provide additional heating to the supply air.

The post heater should not be used as the only means of heating.