

COMMISSIONING TABLE (l/s)

EXTRACT	Purge	Boost	Trickle
Kitchen	N/A	13.4	12.2
Bathroom	N/A	8.3	7.5
	N/A	21.7	19.7
SUPPLY	Purge	Boost	Trickle
Living Area	40.0	8.7	7.9
Bedroom 1	29.1	6.3	5.8
Bedroom 2	45.3	9.9	9.0
	114.4	24.9	22.7

(Flow rates to Doc F Building Regs)

NOTES:

THIS SYSTEM PROPOSAL HAS BEEN DESIGNED TO COMPLY WITH THE CURRENT BUILDING REGULATIONS - MEANS OF VENTILATION.

THE SYSTEM MUST BE INSTALLED AND COMMISSIONED WITH GOOD INSTALLATION PRACTICE AND AS PER THE DESIGN SPECIFICATION.

VENT-AXIA CANNOT GUARANTEE SYSTEM COMPLIANCE IF ALTERNATIVE DESIGN IS USED OR INSTALLED BY OTHERS. THE COMMISSIONING SYSTEM MUST COMPLY WITH THE LATEST EDITION I.E. BS7411 WIRING REGULATIONS.

VENT-AXIA WILL NOT BE RESPONSIBLE FOR CONSEQUENCES OUTSIDE OUR CONTROL, CAUSED BY THE SYSTEM INSTALLATIONS E.G. PROPERTY ACQUETICS, STRUCTURAL INTEGRITY ETC.

THIS DESIGN PROPOSAL HAS BEEN PRODUCED IN GOOD FAITH BUT IS SUBJECT TO APPROVAL BY THE PROJECT CLIENT.

THE DESIGN IS SUBJECT TO COPYRIGHT AND MUST NOT BE ALTERED, AMENDED OR INCORPORATED IN ANYWAY WHATSOEVER, NOR SHALL IT BE REPRODUCED IN WHOLE OR IN PART WITHOUT THE EXPRESS PERMISSION OF VENT-AXIA.

UNIT IS TO RUN AT CONTINUOUS TRICKLE WITH BOOST BEING ACTIVATED VIA A TRICKLE / BOOST CONTROLLER AND LOCAL BOOST SWITCHES (50 LIGHTS) IN ALL WET ROOMS. IF SWITCHING VIA LIGHTS, DOUBLE POLE SWITCHES OR RELAYS (E.G. VA 442339) WILL BE REQUIRED. LOCAL SWITCHING NOT SPECIFICALLY REQUIRED FOR INTEGRAL HUMIDISTAT UNITS.

EXHAUST AND INTAKE DUCTING TO AND FROM ATMOSPHERE AND ALL DUCTING IN COLD ROOF SPACE TO BE DUCTED VIA FULLY INSULATED RIGID PLASTIC DUCTING TO EXTERNAL TERMINATIONS (INSTALLED BY OTHERS).

ALL CENTRAL MVHR UNITS AND MEV UNITS IN COLD ROOF SPACES TO HAVE A CONDENSATE DRAIN TO RUN TO THE NEAREST INTERNAL WASTE SYSTEM (BY OTHERS).

THE DESIGN ASSUMES THAT THE CEILING WOODS ARE SUFFICIENT TO ACCOMMODATE THE DUCTING.



KINETIC COOKER HOOD UNIT



ACM 150 FAN UNIT



20x80 EXTRACT DUCT



20x80 SUPPLY DUCT



20x80 INSULATED EXHAUST DUCT



20x80 INSULATED INTAKE DUCT



125mm INSULATED INTAKE DUCT



20x100 ATTENUATOR WITH 20x80 CONNECTORS



20x80 PLENUM ELBOW WITH 125mm SPRIGOT



125mm EXTRACT DIFFUSER WITHIN 20x80 PLENUM ELBOW



125mm SUPPLY DIFFUSER WITHIN 20x80 PLENUM ELBOW



20x80 FFE COLLAR

G	17.01.19	WE	Plot 8 & 9 Changed
F	20.08.18	DGT	Plot 1-6 IAQ Filters added. Commissioning Tables amended
D	31.01.18	DGT	Terminations revised to back of apartments
C	05.10.17	DGT	Terminations revised
B	07.10.16	LC	Revised as per email, new floor plans.
A	19.08.15	AD	Revised as per meeting with Vent-Axia Weds 5th Aug
Rev	Date	By	Description

Vent-Axia
New Build Residential

Fleming Way, Crawley West
Sussex
Tel. +44(0)1293 441520
Fax. +44 (0)1293 539209

Project
Milton Road
Drawing
Apartment 07

Date 07.10.16 Scale 1:50 @A3 Design LC

Drawing No. CAS_4824 _07 Rev G

PLAN

20220399

RECEIVED

12 MAY 2022

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