

Part 1 – System Details and Declarations

1.1 Basic Information

Job No: 322	Date: 22/02/2022	Time: 17:52
Project / Plot No: Flat-A	Contractor: RPS Builders Ltd	
Dwelling Address- 34, St Mary's Butt, Reading, Postcode: RG1 2LQ	Date of Construction: 2022	
	Test Engineer: Mr Suresh Babariya	
	Site Contact / Witness: Pama	

1.2 Installation Details

System Classification*	System 1 - Background ventilators and intermittent extract fans
<i>Enter System 1 to 4 as defined by Approved Document F2010</i>	
Manufacturer	Bosch and Monsoon
Model No	Hotpoint and Manrose CF 200T
Serial No (where available)	
Location of fan units	1. Kitchen
	2. Toilet-1
	3.
	4.
	5.

**Note: If a system has been installed that is not defined by System 1 to 4 in Approved Document F, further installation checks and commissioning procedures may be required. Seek particular guidance from the manufacturer for these systems.*

Part 2a – Installation Details

2.1 Installation Checklist – General (all Systems)

		Tick as appropriate	
Has the system been installed in accordance with manufacturer's requirements?		Yes	~~No~~
Have relevant system installation clauses been followed as detailed in Table 1, 3, 5 and 7 as applicable?		Yes	~~No~~
Type of duct work installed (e.g. rigid, semi-rigid)	Semi Rigid		
If any deviation from Table 1, 3, 5 and 7 these should be detailed here	No deviation		
Description of installed controls (e.g. timer, central control, humidistat, PIR etc)	Built in Timer		
Location of manual/override controls	Near bathroom door entrance		

2.2 Installation Engineers Details

(To be completed by main contractor)

Name	-
Contact No	-
Company	Dash Testing Ltd
Address	
Signature	
Competent Person Scheme/ Registration Number (if applicable)	NAPIT 11672
Date of Installation (Completion)	17/02/2022

Part 2b – Inspection of Installation

This section should be completed before completing Part 3

2.3a Visual Inspections – General (all Systems)

Total installed equivalent area of background ventilators in dwelling?		mm
Total floor area of dwelling?	85	m ²
Does the total installed equivalent ventilator area meet the requirements given in Table 5.2a, 5.2b, OR 5.2c in ADF?	Yes	No
Have all background ventilators been left in the open position?	Yes	No
Have the correct numbers and location of extract fans/terminals been installed that satisfy Table 5.2a in ADF?	Yes	No
Is the installation complete with no obvious defects present?	Yes	No
Do all internal doors have sufficient undercut to allow air transfer between rooms (i.e. 10mm over and above final floor finish)?	Yes	No
Has all protection/packaging been removed (including from background ventilators) such that system is fully functional?	Yes	No
For ducted systems, has the ductwork installation been installed in such manner that air resistance and leakage is kept to a minimum?	Yes	No
Are the correct number and size of background ventilators provided that satisfy ADF?	Yes	No
Has the entire system been installed such that there is sufficient access for routine maintenance and repair/replacement of components?	Yes	No

2.3b Visual Inspections – General (Systems 3 and 4 only)

N/A

Have appropriate air terminal devices been installed to allow system balance?	Yes	No
Has the heat recovery unit (System 4 only) and all ductwork been effectively insulated where installed in unheated space?	Yes	No
Condensate connection is complete and drains to an appropriate location (System 4 only)	Yes	No

2.3c Other Inspections – General (Systems 1, 3 and 4 only)

Upon initial start-up, was any abnormal sound or vibration experienced, or unusual smells detected?	Yes	No
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2.3d Inspectors Details

Name	Mr Suresh Babariya
Contact No	077 1486 6707
Company	Airtight Building Solutions Ltd
Address	11 Imperial Drive, North Harrow, Middlesex – HA2 7BP
Signature	
Competent Person Scheme/Registration Number (if applicable)	BPEC 161711
Date of Installation (Completion)	22/02/2022

Part 3 – Air flow measurement test and commissioning details

3.1 Test Equipment

Scheme of air flow measurement equipment used (model and serial number)		Date of last UKAS calibration
1.	Testo Vane Anemometer; Sr No: 60408763	15 December 2021
2.	Hood 1; Sr No: BIS16950; Size: 330 x 300mm	15 December 2021
3.	Hood 2; Sr No: BIS16951; Size: 200mm dia	15 December 2021

3.2 Air Flow Measurements – System 1 only

Fan Reference (as 1.2)	Measured Extract Rate (l/s)	Design Extract Rate(l/s) Refer to Table 5.1a in ADF
Extract Fan 1 Kitchen	31.1	30 L/S
Extract Fan 2 Toilet-1	15.9	15 L/S
Extract Fan 3 Toilet-2	-	-
Extract Fan 3		
Extract Fan 5		
Extract Fan 6		

For kitchen extract canopies, only the highest setting needs to be recorded.

3.3 Air Flow Measurements (Extract) – System 3 and 4 only

N/A

Room Reference (Location of Terminal)	Measured Air Flow High Rate (l/s)	Designed Air Flow High Rate (l/s)	Measured Air Flow Low Rate (l/s)	Designed Air Flow Low Rate (l/s)
Kitchen				
Bathroom				
En-Suite				
Utility				

3.4 Air Flow Measurements (Supply) – System 4 only

N/A

Room Reference (Location of Terminal)	Measured Air Flow High Rate (l/s)	Designed Air Flow High Rate (l/s)	Measured Air Flow Low Rate (l/s)	Designed Air Flow Low Rate (l/s)
Living Room 1				
Living Room 2				
Dining Room				
Bedroom 1				
Bedroom 2				
Bedroom 3				
Bedroom 4				
Bedroom 5				
Study				

3.5 Commissioning – System 3 and 4 only

N/A

Have controls been set-up in accordance with the manufacturer's recommendations?	Yes	No
Have all distribution grilles been locked to prevent unauthorised adjustment?	Yes	No

3.6 Test Engineers Details

Name	Mr Suresh Babariya
Contact No	077 1486 6707
Company	Airtight Building Solutions Ltd
Address	11 Imperial Drive, North Harrow, Middlesex – HA2 7BP
Signature	
Competent Person Scheme/ Registration Number (if applicable)	BPEC 161711
Date of Installation (Completion)	22/02/2022

Part 1 – System Details and Declarations

1.1 Basic Information

Job No: 322	Date: 22/02/2022	Time: 17:59
Project / Plot No: Flat-B	Contractor: RPS Builders Ltd	
Dwelling Address- 34, St Mary's Butt, Reading, Postcode: RG1 2LQ	Date of Construction: 2022	
	Test Engineer: Mr Suresh Babariya	
	Site Contact / Witness: Pama	

1.2 Installation Details

System Classification*	System 1 - Background ventilators and intermittent extract fans
<i>Enter System 1 to 4 as defined by Approved Document F2010</i>	
Manufacturer	Bosch and Monsoon
Model No	Hotpoint and Manrose CF 200T
Serial No (where available)	
Location of fan units	1. Kitchen
	2. Toilet-1
	3.
	4.
	5.

**Note: If a system has been installed that is not defined by System 1 to 4 in Approved Document F, further installation checks and commissioning procedures may be required. Seek particular guidance from the manufacturer for these systems.*

Part 2a – Installation Details

2.1 Installation Checklist – General (all Systems)

		Tick as appropriate	
Has the system been installed in accordance with manufacturer's requirements?		Yes	~~No~~
Have relevant system installation clauses been followed as detailed in Table 1, 3, 5 and 7 as applicable?		Yes	~~No~~
Type of duct work installed (e.g. rigid, semi-rigid)	Semi Rigid		
If any deviation from Table 1, 3, 5 and 7 these should be detailed here	No deviation		
Description of installed controls (e.g. timer, central control, humidistat, PIR etc)	Built in Timer		
Location of manual/override controls	Near bathroom door entrance		

2.2 Installation Engineers Details

(To be completed by main contractor)

Name	-
Contact No	-
Company	Dash Testing Ltd
Address	
Signature	
Competent Person Scheme/ Registration Number (if applicable)	NAPIT 11672
Date of Installation (Completion)	17/02/2022

Part 2b – Inspection of Installation

This section should be completed before completing Part 3

2.3a Visual Inspections – General (all Systems)

Total installed equivalent area of background ventilators in dwelling?		mm
Total floor area of dwelling?	85	m ²
Does the total installed equivalent ventilator area meet the requirements given in Table 5.2a, 5.2b, OR 5.2c in ADF?	Yes	No
Have all background ventilators been left in the open position?	Yes	No
Have the correct numbers and location of extract fans/terminals been installed that satisfy Table 5.2a in ADF?	Yes	No
Is the installation complete with no obvious defects present?	Yes	No
Do all internal doors have sufficient undercut to allow air transfer between rooms (i.e. 10mm over and above final floor finish)?	Yes	No
Has all protection/packaging been removed (including from background ventilators) such that system is fully functional?	Yes	No
For ducted systems, has the ductwork installation been installed in such manner that air resistance and leakage is kept to a minimum?	Yes	No
Are the correct number and size of background ventilators provided that satisfy ADF?	Yes	No
Has the entire system been installed such that there is sufficient access for routine maintenance and repair/replacement of components?	Yes	No

2.3b Visual Inspections – General (Systems 3 and 4 only)

N/A

Have appropriate air terminal devices been installed to allow system balance?	Yes	No
Has the heat recovery unit (System 4 only) and all ductwork been effectively insulated where installed in unheated space?	Yes	No
Condensate connection is complete and drains to an appropriate location (System 4 only)	Yes	No

2.3c Other Inspections – General (Systems 1, 3 and 4 only)

Upon initial start-up, was any abnormal sound or vibration experienced, or unusual smells detected?	Yes	No
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2.3d Inspectors Details

Name	Mr Suresh Babariya
Contact No	077 1486 6707
Company	Airtight Building Solutions Ltd
Address	11 Imperial Drive, North Harrow, Middlesex – HA2 7BP
Signature	
Competent Person Scheme/Registration Number (if applicable)	BPEC 161711
Date of Installation (Completion)	22/02/2022

Part 3 – Air flow measurement test and commissioning details

3.1 Test Equipment

Scheme of air flow measurement equipment used (model and serial number)		Date of last UKAS calibration
1.	Testo Vane Anemometer; Sr No: 60408763	15 December 2021
2.	Hood 1; Sr No: BIS16950; Size: 330 x 300mm	15 December 2021
3.	Hood 2; Sr No: BIS16951; Size: 200mm dia	15 December 2021

3.2 Air Flow Measurements – System 1 only

Fan Reference (as 1.2)	Measured Extract Rate (l/s)	Design Extract Rate(l/s) Refer to Table 5.1a in ADF
Extract Fan 1 Kitchen	30.8	30 L/S
Extract Fan 2 Toilet-1	15.2	15 L/S
Extract Fan 3 Toilet-2	-	-
Extract Fan 3		
Extract Fan 5		
Extract Fan 6		

For kitchen extract canopies, only the highest setting needs to be recorded.

3.3 Air Flow Measurements (Extract) – System 3 and 4 only

N/A

Room Reference (Location of Terminal)	Measured Air Flow High Rate (l/s)	Designed Air Flow High Rate (l/s)	Measured Air Flow Low Rate (l/s)	Designed Air Flow Low Rate (l/s)
Kitchen				
Bathroom				
En-Suite				
Utility				

3.4 Air Flow Measurements (Supply) – System 4 only

N/A

Room Reference (Location of Terminal)	Measured Air Flow High Rate (l/s)	Designed Air Flow High Rate (l/s)	Measured Air Flow Low Rate (l/s)	Designed Air Flow Low Rate (l/s)
Living Room 1				
Living Room 2				
Dining Room				
Bedroom 1				
Bedroom 2				
Bedroom 3				
Bedroom 4				
Bedroom 5				
Study				

3.5 Commissioning – System 3 and 4 only

N/A

Have controls been set-up in accordance with the manufacturer's recommendations?	Yes	No
Have all distribution grilles been locked to prevent unauthorised adjustment?	Yes	No

3.6 Test Engineers Details

Name	Mr Suresh Babariya
Contact No	077 1486 6707
Company	Airtight Building Solutions Ltd
Address	11 Imperial Drive, North Harrow, Middlesex – HA2 7BP
Signature	
Competent Person Scheme/ Registration Number (if applicable)	BPEC 161711
Date of Installation (Completion)	22/02/2022

Part 1 – System Details and Declarations

1.1 Basic Information

Job No: 322	Date: 22/02/2022	Time: 18:10
Project / Plot No: Flat-C	Contractor: RPS Builders Ltd	
Dwelling Address- 34, St Mary's Butt, Reading, Postcode: RG1 2LQ	Date of Construction: 2022	
	Test Engineer: Mr Suresh Babariya	
	Site Contact / Witness: Pama	

1.2 Installation Details

System Classification*	System 1 - Background ventilators and intermittent extract fans
<i>Enter System 1 to 4 as defined by Approved Document F2010</i>	
Manufacturer	Bosch and Monsoon
Model No	Hotpoint and Manrose CF 200T
Serial No (where available)	
Location of fan units	1. Kitchen
	2. Toilet-1
	3.
	4.
	5.

**Note: If a system has been installed that is not defined by System 1 to 4 in Approved Document F, further installation checks and commissioning procedures may be required. Seek particular guidance from the manufacturer for these systems.*

Part 2a – Installation Details

2.1 Installation Checklist – General (all Systems)

		Tick as appropriate	
Has the system been installed in accordance with manufacturer's requirements?		Yes	~~No~~
Have relevant system installation clauses been followed as detailed in Table 1, 3, 5 and 7 as applicable?		Yes	~~No~~
Type of duct work installed (e.g. rigid, semi-rigid)	Semi Rigid		
If any deviation from Table 1, 3, 5 and 7 these should be detailed here	No deviation		
Description of installed controls (e.g. timer, central control, humidistat, PIR etc)	Built in Timer		
Location of manual/override controls	Near bathroom door entrance		

2.2 Installation Engineers Details

(To be completed by main contractor)

Name	-
Contact No	-
Company	Dash Testing Ltd
Address	
Signature	
Competent Person Scheme/ Registration Number (if applicable)	NAPIT 11672
Date of Installation (Completion)	17/02/2022

Part 2b – Inspection of Installation

This section should be completed before completing Part 3

2.3a Visual Inspections – General (all Systems)

Total installed equivalent area of background ventilators in dwelling?		mm
Total floor area of dwelling?	85	m ²
Does the total installed equivalent ventilator area meet the requirements given in Table 5.2a, 5.2b, OR 5.2c in ADF?	Yes	No
Have all background ventilators been left in the open position?	Yes	No
Have the correct numbers and location of extract fans/terminals been installed that satisfy Table 5.2a in ADF?	Yes	No
Is the installation complete with no obvious defects present?	Yes	No
Do all internal doors have sufficient undercut to allow air transfer between rooms (i.e. 10mm over and above final floor finish)?	Yes	No
Has all protection/packaging been removed (including from background ventilators) such that system is fully functional?	Yes	No
For ducted systems, has the ductwork installation been installed in such manner that air resistance and leakage is kept to a minimum?	Yes	No
Are the correct number and size of background ventilators provided that satisfy ADF?	Yes	No
Has the entire system been installed such that there is sufficient access for routine maintenance and repair/replacement of components?	Yes	No

2.3b Visual Inspections – General (Systems 3 and 4 only)

N/A

Have appropriate air terminal devices been installed to allow system balance?	Yes	No
Has the heat recovery unit (System 4 only) and all ductwork been effectively insulated where installed in unheated space?	Yes	No
Condensate connection is complete and drains to an appropriate location (System 4 only)	Yes	No

2.3c Other Inspections – General (Systems 1, 3 and 4 only)

Upon initial start-up, was any abnormal sound or vibration experienced, or unusual smells detected?	Yes	No
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2.3d Inspectors Details

Name	Mr Suresh Babariya
Contact No	077 1486 6707
Company	Airtight Building Solutions Ltd
Address	11 Imperial Drive, North Harrow, Middlesex – HA2 7BP
Signature	
Competent Person Scheme/Registration Number (if applicable)	BPEC 161711
Date of Installation (Completion)	22/02/2022

Part 3 – Air flow measurement test and commissioning details

3.1 Test Equipment

Scheme of air flow measurement equipment used (model and serial number)		Date of last UKAS calibration
1.	Testo Vane Anemometer; Sr No: 60408763	15 December 2021
2.	Hood 1; Sr No: BIS16950; Size: 330 x 300mm	15 December 2021
3.	Hood 2; Sr No: BIS16951; Size: 200mm dia	15 December 2021

3.2 Air Flow Measurements – System 1 only

Fan Reference (as 1.2)	Measured Extract Rate (l/s)	Design Extract Rate(l/s) Refer to Table 5.1a in ADF
Extract Fan 1 Kitchen	31.5	30 L/S
Extract Fan 2 Toilet-1	15.9	15 L/S
Extract Fan 3 Toilet-2	-	-
Extract Fan 3		
Extract Fan 5		
Extract Fan 6		

For kitchen extract canopies, only the highest setting needs to be recorded.

3.3 Air Flow Measurements (Extract) – System 3 and 4 only

N/A

Room Reference (Location of Terminal)	Measured Air Flow High Rate (l/s)	Designed Air Flow High Rate (l/s)	Measured Air Flow Low Rate (l/s)	Designed Air Flow Low Rate (l/s)
Kitchen				
Bathroom				
En-Suite				
Utility				

3.4 Air Flow Measurements (Supply) – System 4 only

N/A

Room Reference (Location of Terminal)	Measured Air Flow High Rate (l/s)	Designed Air Flow High Rate (l/s)	Measured Air Flow Low Rate (l/s)	Designed Air Flow Low Rate (l/s)
Living Room 1				
Living Room 2				
Dining Room				
Bedroom 1				
Bedroom 2				
Bedroom 3				
Bedroom 4				
Bedroom 5				
Study				

3.5 Commissioning – System 3 and 4 only

N/A

Have controls been set-up in accordance with the manufacturer's recommendations?	Yes	No
Have all distribution grilles been locked to prevent unauthorised adjustment?	Yes	No

3.6 Test Engineers Details

Name	Mr Suresh Babariya
Contact No	077 1486 6707
Company	Airtight Building Solutions Ltd
Address	11 Imperial Drive, North Harrow, Middlesex – HA2 7BP
Signature	
Competent Person Scheme/ Registration Number (if applicable)	BPEC 161711
Date of Installation (Completion)	22/02/2022

Part 1 – System Details and Declarations

1.1 Basic Information

Job No: 322	Date: 22/02/2022	Time: 18:26
Project / Plot No: Flat-D	Contractor: RPS Builders Ltd	
Dwelling Address- 34, St Mary's Butt, Reading, Postcode: RG1 2LQ	Date of Construction: 2022	
	Test Engineer: Mr Suresh Babariya	
	Site Contact / Witness: Pama	

1.2 Installation Details

System Classification*	System 1 - Background ventilators and intermittent extract fans
<i>Enter System 1 to 4 as defined by Approved Document F2010</i>	
Manufacturer	Bosch and Monsoon
Model No	Hotpoint and Manrose CF 200T
Serial No (where available)	
Location of fan units	1. Kitchen
	2. Toilet-1
	3.
	4.
	5.

**Note: If a system has been installed that is not defined by System 1 to 4 in Approved Document F, further installation checks and commissioning procedures may be required. Seek particular guidance from the manufacturer for these systems.*

Part 2a – Installation Details

2.1 Installation Checklist – General (all Systems)

		Tick as appropriate	
Has the system been installed in accordance with manufacturer's requirements?		Yes	~~No~~
Have relevant system installation clauses been followed as detailed in Table 1, 3, 5 and 7 as applicable?		Yes	~~No~~
Type of duct work installed (e.g. rigid, semi-rigid)	Semi Rigid		
If any deviation from Table 1, 3, 5 and 7 these should be detailed here	No deviation		
Description of installed controls (e.g. timer, central control, humidistat, PIR etc)	Built in Timer		
Location of manual/override controls	Near bathroom door entrance		

2.2 Installation Engineers Details

(To be completed by main contractor)

Name	-
Contact No	-
Company	Dash Testing Ltd
Address	
Signature	
Competent Person Scheme/ Registration Number (if applicable)	NAPIT 11672
Date of Installation (Completion)	17/02/2022

Part 2b – Inspection of Installation

This section should be completed before completing Part 3

2.3a Visual Inspections – General (all Systems)

Total installed equivalent area of background ventilators in dwelling?		mm
Total floor area of dwelling?	85	m ²
Does the total installed equivalent ventilator area meet the requirements given in Table 5.2a, 5.2b, OR 5.2c in ADF?	Yes	No
Have all background ventilators been left in the open position?	Yes	No
Have the correct numbers and location of extract fans/terminals been installed that satisfy Table 5.2a in ADF?	Yes	No
Is the installation complete with no obvious defects present?	Yes	No
Do all internal doors have sufficient undercut to allow air transfer between rooms (i.e. 10mm over and above final floor finish)?	Yes	No
Has all protection/packaging been removed (including from background ventilators) such that system is fully functional?	Yes	No
For ducted systems, has the ductwork installation been installed in such manner that air resistance and leakage is kept to a minimum?	Yes	No
Are the correct number and size of background ventilators provided that satisfy ADF?	Yes	No
Has the entire system been installed such that there is sufficient access for routine maintenance and repair/replacement of components?	Yes	No

2.3b Visual Inspections – General (Systems 3 and 4 only)

N/A

Have appropriate air terminal devices been installed to allow system balance?	Yes	No
Has the heat recovery unit (System 4 only) and all ductwork been effectively insulated where installed in unheated space?	Yes	No
Condensate connection is complete and drains to an appropriate location (System 4 only)	Yes	No

2.3c Other Inspections – General (Systems 1, 3 and 4 only)

Upon initial start-up, was any abnormal sound or vibration experienced, or unusual smells detected?	Yes	No
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2.3d Inspectors Details

Name	Mr Suresh Babariya
Contact No	077 1486 6707
Company	Airtight Building Solutions Ltd
Address	11 Imperial Drive, North Harrow, Middlesex – HA2 7BP
Signature	
Competent Person Scheme/Registration Number (if applicable)	BPEC 161711
Date of Installation (Completion)	22/02/2022

Part 3 – Air flow measurement test and commissioning details

3.1 Test Equipment

Scheme of air flow measurement equipment used (model and serial number)		Date of last UKAS calibration
1.	Testo Vane Anemometer; Sr No: 60408763	15 December 2021
2.	Hood 1; Sr No: BIS16950; Size: 330 x 300mm	15 December 2021
3.	Hood 2; Sr No: BIS16951; Size: 200mm dia	15 December 2021

3.2 Air Flow Measurements – System 1 only

Fan Reference (as 1.2)	Measured Extract Rate (l/s)	Design Extract Rate(l/s) Refer to Table 5.1a in ADF
Extract Fan 1 Kitchen	30.5	30 L/S
Extract Fan 2 Toilet-1	16.3	15 L/S
Extract Fan 3 Toilet-2	-	-
Extract Fan 3		
Extract Fan 5		
Extract Fan 6		

For kitchen extract canopies, only the highest setting needs to be recorded.

3.3 Air Flow Measurements (Extract) – System 3 and 4 only

N/A

Room Reference (Location of Terminal)	Measured Air Flow High Rate (l/s)	Designed Air Flow High Rate (l/s)	Measured Air Flow Low Rate (l/s)	Designed Air Flow Low Rate (l/s)
Kitchen				
Bathroom				
En-Suite				
Utility				

3.4 Air Flow Measurements (Supply) – System 4 only

N/A

Room Reference (Location of Terminal)	Measured Air Flow High Rate (l/s)	Designed Air Flow High Rate (l/s)	Measured Air Flow Low Rate (l/s)	Designed Air Flow Low Rate (l/s)
Living Room 1				
Living Room 2				
Dining Room				
Bedroom 1				
Bedroom 2				
Bedroom 3				
Bedroom 4				
Bedroom 5				
Study				

3.5 Commissioning – System 3 and 4 only

N/A

Have controls been set-up in accordance with the manufacturer's recommendations?	Yes	No
Have all distribution grilles been locked to prevent unauthorised adjustment?	Yes	No

3.6 Test Engineers Details

Name	Mr Suresh Babariya
Contact No	077 1486 6707
Company	Airtight Building Solutions Ltd
Address	11 Imperial Drive, North Harrow, Middlesex – HA2 7BP
Signature	
Competent Person Scheme/ Registration Number (if applicable)	BPEC 161711
Date of Installation (Completion)	22/02/2022