

Document Ref:	MVHR Airflow Commissioning (MVHR - Domestic Ventilation)		 www.airqualityservices.co.uk			
Project:	Kingsway, Moseley Road, Levenshulme, Manchester. M19 2LJ					
Client:	Read Cube Homes Ltd					
Date of Testing/Reading:	27/05/2021					
Level: Ground Floor	Flat No. 1	Address: Beech Tree Court - 229 Moseley Road, Manchester, M19 2JT				
Fan Unit	Manufacturer:	Vectaire		Fan Serial Number:		
	Type/Model Ref:	WHHR MIDI BY				
AIR FLOW MEASUREMENTS (Extract Air) - System 4 MVHR						
Room Reference	Design Air Flow	Measured Air Flow	Achieved	Design Air Flow	Measured Air Flow	Achieved
Location of Terminals	High Rate (l/s)	High Rate (l/s)	%	Continuous Trickle Rate (l/s)	Continuous Trickle Rate (l/s)	%
Kitchen	13.0	13.5	104%	10.0	10.3	103%
Bathroom	8.0	8.2	103%	8.0	7.8	98%
EnSuite	8.0	8.4	105%	5.0	6.2	124%
W/M Cupboard	8.0	8.2	103%	2.0	5.8	290%
Total	37.0	38.3		25.0	30.1	
Fan Speed - %		80%			60%	
AIR FLOW MEASUREMENTS (Supply Air) - System 4 MVHR						
Room Reference	Design Air Flow	Measured Air Flow	Achieved	Design Air Flow	Measured Air Flow	Achieved
Location of Terminals	High Rate (l/s)	High Rate (l/s)	%	Continuous Trickle Rate (l/s)	Continuous Trickle Rate (l/s)	%
Bedroom 1	13.0	13.2	102%	9.0	9.3	103%
Bedroom 2	12.0	11.7	98%	8.0	8.1	101%
Study	12.0	12.3	103%	8.0	8.4	105%
Total	37.0	37.2		25.0	25.8	
Fan Speed - %		88%			62%	
TEST EQUIPMENT						
	Make & Model Of Vane Anemometer			Serial Number	Date of last UKAS Calibration	
	Testo Large Vain Anometer			62046183	19/06/2020	
Engineers Pre-Commission Checks & Additional Comments:						
PRE-COMMISSION OBSERVATIONS:		Yes	No	N/a		
Is the fan unit securley fixed?		✓				
Is the condensate drain pipe fitted and secure?		✓				
Is the isolator in place and fan unit connected?		✓				
Are flexible connections to fan unit taught & mechanically fixed?		✓				
Are all air terminals in place?		✓				
Are flexible connections to air valves taught & mechanically fixed?		✓				
Have doors been undercut (10mm 760mm / 9mm 835mm)		✓				
CONCLUSIONS / COMMENTS:					Pass : Yes or No	Initial
					Y	RM
BPEC Competent Persons Scheme/ Registration No (if applicable):						
BPEC	Engineer: Richard Marshall		Unique No. Ref: 203760			
Air Quality Services Ltd Registered Office: Lincoln Road, Cressex Business Park, High Wycombe, Bucks HP12 3RH Company Reg: 02639467						
   						

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Project:	Kingsway, Moseley Road, Levenshulme, Manchester. M19 2LJ					
Client:	Read Cube Homes Ltd					
Date of Testing/Reading:						
Level: Ground Floor	Flat No. 2		Address: Beach Tree Court - 229 Moseley Road, Manchester, M19 2JT			
Fan Unit	Manufacturer:	Vectaire				
	Type/Model Ref:	WHHR MIDI BY				
		Fan Serial Number:				
AIR FLOW MEASUREMENTS (Extract Air) - System 4 MVHR						
Room Reference	Design Air Flow	Measured Air Flow	Achieved	Design Air Flow	Measured Air Flow	Achieved
Location of Terminals	High Rate (l/s)	High Rate (l/s)	%	Continuous Trickle Rate (l/s)	Continuous Trickle Rate (l/s)	%
Kitchen	13.0		0%	10.0		0%
Bathroom	8.0		0%	6.0		0%
EnSuite	8.0		0%	4.0		0%
W/M Cupboard	8.0		0%	1.0		0%
Total	37.0	0.0		21.0	0.0	
Fan Speed - %						
AIR FLOW MEASUREMENTS (Supply Air) - System 4 MVHR						
Room Reference	Design Air Flow	Measured Air Flow	Achieved	Design Air Flow	Measured Air Flow	Achieved
Location of Terminals	High Rate (l/s)	High Rate (l/s)	%	Continuous Trickle Rate (l/s)	Continuous Trickle Rate (l/s)	%
Living	17.0		0%	10.0		0%
Bedroom 1	10.0		0%	6.0		0%
Bedroom 2	10.0		0%	5.0		0%
Total	37.0	0.0		21.0	0.0	
Fan Speed - %						
TEST EQUIPMENT						
	Make & Model Of Vane Anemometer			Serial Number	Date of last UKAS Calibration	
	Testo Large Vain Anometer			62046183	19/06/2020	
Engineers Pre-Commission Checks & Additional Comments:						
PRE-COMMISSION OBSERVATIONS:		Yes	No	N/a		
Is the fan unit securley fixed?		✓				
Is the condensate drain pipe fitted and secure?		✓				
Is the isolator in place and fan unit connected?		✓				
Are flexible connections to fan unit taught & mechanically fixed?		✓				
Are all air terminals in place?		✓				
Are flexible connections to air valves taught & mechanically fixed?		✓				
Have doors been undercut (10mm 760mm / 9mm 835mm)		✓				
CONCLUSIONS / COMMENTS:					Pass : Yes or No	Initial
Low Extract, access to above fan unit required					Y	RM
BPEC Competent Persons Scheme/ Registration No (if applicable):						
BPEC	Engineer: Richard Marshall		Unique No. Ref: 203760			
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Project:	Kingsway, Moseley Road, Levenshulme, Manchester. M19 2LJ					
Client:	Read Cube Homes Ltd					
Date of Testing/Reading:	04/06/2021					
Level: Ground Floor	Flat No. 3	Address: Beech Tree Court - 229 Moseley Road, Manchester, M19 2JT				
Fan Unit	Manufacturer:	Vectaire		Fan Serial Number:		
	Type/Model Ref:	WHHR MIDI BY				
AIR FLOW MEASUREMENTS (Extract Air) - System 4 MVHR						
Room Reference	Design Air Flow	Measured Air Flow	Achieved	Design Air Flow	Measured Air Flow	Achieved
Location of Terminals	High Rate (l/s)	High Rate (l/s)	%	Continuous Trickle Rate (l/s)	Continuous Trickle Rate (l/s)	%
Kitchen	13.0	13.2	102%	9.0	10.4	116%
Bathroom	8.0	8.1	101%	6.0	6.0	100%
EnSuite	8.0	8.3	104%	5.0	6.2	124%
W/M Cupboard	8.0	8.2	103%	2.0	6.1	305%
Total	37.0	37.8		22.0	28.7	
Fan Speed - %		74%			57%	
AIR FLOW MEASUREMENTS (Supply Air) - System 4 MVHR						
Room Reference	Design Air Flow	Measured Air Flow	Achieved	Design Air Flow	Measured Air Flow	Achieved
Location of Terminals	High Rate (l/s)	High Rate (l/s)	%	Continuous Trickle Rate (l/s)	Continuous Trickle Rate (l/s)	%
Living	17.0	17.3	102%	9.0	10.2	113%
Bedroom 1	10.0	10.1	101%	6.0	6.2	103%
Bedroom 2	10.0	10.2	102%	6.0	6.3	105%
Total	37.0	37.6		21.0	22.7	
Fan Speed - %		74%			46%	
TEST EQUIPMENT						
	Make & Model Of Vane Anemometer			Serial Number	Date of last UKAS Calibration	
	Testo Large Vain Anometer			62046183	19/06/2020	
Engineers Pre-Commission Checks & Additional Comments:						
PRE-COMMISSION OBSERVATIONS:		Yes	No	N/a		
Is the fan unit securley fixed?		✓				
Is the condensate drain pipe fitted and secure?		✓				
Is the isolator in place and fan unit connected?		✓				
Are flexible connections to fan unit taught & mechanically fixed?		✓				
Are all air terminals in place?		✓				
Are flexible connections to air valves taught & mechanically fixed?		✓				
Have doors been undercut (10mm 760mm / 9mm 835mm)		✓				
CONCLUSIONS / COMMENTS:					Pass : Yes or No	Initial
					Y	RM
BPEC Competent Persons Scheme/ Registration No (if applicable):						
BPEC	Engineer: Richard Marshall		Unique No. Ref: 203760			
Air Quality Services Ltd Registered Office: Lincoln Road, Cressex Business Park, High Wycombe, Bucks HP12 3RH Company Reg: 02639467						
		   				

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Project:	Kingsway, Moseley Road, Levenshulme, Manchester. M19 2LJ					
Client:	Read Cube Homes Ltd					
Date of Testing/Reading:	27/05/2021					
Level: Ground Floor	Flat No. 4	Address: Beech Tree Court - 229 Moseley Road, Manchester, M19 2JT				
Fan Unit	Manufacturer:	Vectaire				
	Type/Model Ref:	WHHR MIDI BY				
		Fan Serial Number:				
AIR FLOW MEASUREMENTS (Extract Air) - System 4 MVHR						
Room Reference	Design Air Flow	Measured Air Flow	Achieved	Design Air Flow	Measured Air Flow	Achieved
Location of Terminals	High Rate (l/s)	High Rate (l/s)	%	Continuous Trickle Rate (l/s)	Continuous Trickle Rate (l/s)	%
Kitchen	13.0	13.5	104%	6.0	6.1	102%
Bathroom	8.0	8.4	105%	5.0	5.4	108%
W/M Cupboard	8.0	8.3	104%	2.0	3.0	150%
Total	29.0	30.2		13.0	14.5	
Fan Speed - %		66%			32%	
AIR FLOW MEASUREMENTS (Supply Air) - System 4 MVHR						
Room Reference	Design Air Flow	Measured Air Flow	Achieved	Design Air Flow	Measured Air Flow	Achieved
Location of Terminals	High Rate (l/s)	High Rate (l/s)	%	Continuous Trickle Rate (l/s)	Continuous Trickle Rate (l/s)	%
Living	18.0	18.1	101%	7.0	7.3	104%
Bedroom 1	11.0	11.3	103%	6.0	6.8	113%
Total	29.0	29.4		13.0	14.1	
Fan Speed - %					27%	
TEST EQUIPMENT						
	Make & Model Of Vane Anemometer		Serial Number	Date of last UKAS Calibration		
	Testo Large Vain Anometer		62046183	19/06/2020		
Engineers Pre-Commission Checks & Additional Comments:						
PRE-COMMISSION OBSERVATIONS:	Yes	No	N/a			
Is the fan unit securley fixed?	✓					
Is the condensate drain pipe fitted and secure?	✓					
Is the isolator in place and fan unit connected?	✓					
Are flexible connections to fan unit taught & mechanically fixed?	✓					
Are all air terminals in place?	✓					
Are flexible connections to air valves taught & mechanically fixed?	✓					
Have doors been undercut (10mm 760mm / 9mm 835mm)	✓					
CONCLUSIONS / COMMENTS:				Pass : Yes or No	Initial	
				Y	RM	
BPEC Competent Persons Scheme/ Registration No (if applicable):						
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Project:	Kingsway, Moseley Road, Levenshulme, Manchester. M19 2LJ					
Client:	Read Cube Homes Ltd					
Date of Testing/Reading:	27/05/2021					
Level: Ground Floor	Flat No. 5		Address: Beech Tree Court - 229 Moseley Road, Manchester, M19 2JT			
Fan Unit	Manufacturer:	Vectaire				
	Type/Model Ref:	WHHR MIDI BY				
		Fan Serial Number:				
AIR FLOW MEASUREMENTS (Extract Air) - System 4 MVHR						
Room Reference	Design Air Flow	Measured Air Flow	Achieved	Design Air Flow	Measured Air Flow	Achieved
Location of Terminals	High Rate (l/s)	High Rate (l/s)	%	Continuous Trickle Rate (l/s)	Continuous Trickle Rate (l/s)	%
Kitchen	13.0	12.8	98%	9.0	8.9	99%
Bathroom	8.0	8.3	104%	6.0	6.1	102%
EnSuite	8.0	8.1	101%	5.0	6.3	126%
W/M Cupboard	8.0	8.4	105%	2.0	6.6	330%
Total	37.0	37.6		22.0	27.9	
Fan Speed - %		89%			73%	
AIR FLOW MEASUREMENTS (Supply Air) - System 4 MVHR						
Room Reference	Design Air Flow	Measured Air Flow	Achieved	Design Air Flow	Measured Air Flow	Achieved
Location of Terminals	High Rate (l/s)	High Rate (l/s)	%	Continuous Trickle Rate (l/s)	Continuous Trickle Rate (l/s)	%
Living	17.0	17.2	101%	8.0	8.0	100%
Bedroom 1	10.0	10.4	104%	8.0	7.4	93%
Bedroom 2	10.0	10.5	105%	5.0	5.0	100%
Total	37.0	38.1		21.0	20.4	
Fan Speed - %		80%			45%	
TEST EQUIPMENT						
	Make & Model Of Vane Anemometer			Serial Number	Date of last UKAS Calibration	
	Testo Large Vain Anometer			62046183	19/06/2020	
Engineers Pre-Commission Checks & Additional Comments:						
PRE-COMMISSION OBSERVATIONS:		Yes	No	N/a		
Is the fan unit securley fixed?		✓				
Is the condensate drain pipe fitted and secure?		✓				
Is the isolator in place and fan unit connected?		✓				
Are flexible connections to fan unit taught & mechanically fixed?		✓				
Are all air terminals in place?		✓				
Are flexible connections to air valves taught & mechanically fixed?		✓				
Have doors been undercut (10mm 760mm / 9mm 835mm)		✓				
CONCLUSIONS / COMMENTS:					Pass : Yes or No	Initial
					Y	RM
BPEC Competent Persons Scheme/ Registration No (if applicable):						
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Client:	Read Cube Homes Ltd					
Date of Testing/Reading:	04/06/2021					
Level: Ground Floor	Flat No. 6		Address: Beech Tree Court - 229 Moseley Road, Manchester, M19 2JT			
Fan Unit	Manufacturer:	Vectaire				
	Type/Model Ref:	WHHR MIDI BY				
		Fan Serial Number:				
AIR FLOW MEASUREMENTS (Extract Air) - System 4 MVHR						
Room Reference	Design Air Flow	Measured Air Flow	Achieved	Design Air Flow	Measured Air Flow	Achieved
Location of Terminals	High Rate (l/s)	High Rate (l/s)	%	Continuous Trickle Rate (l/s)	Continuous Trickle Rate (l/s)	%
Kitchen	13.0	13.3	102%	10.0	10.3	103%
Bathroom	8.0	8.3	104%	6.0	6.4	107%
EnSuite	8.0	8.0	100%	4.0	6.2	155%
W/M Cupboard	8.0	8.2	103%	1.0	6.1	610%
Total	37.0	37.8		21.0	29.0	
Fan Speed - %		85%			64%	
AIR FLOW MEASUREMENTS (Supply Air) - System 4 MVHR						
Room Reference	Design Air Flow	Measured Air Flow	Achieved	Design Air Flow	Measured Air Flow	Achieved
Location of Terminals	High Rate (l/s)	High Rate (l/s)	%	Continuous Trickle Rate (l/s)	Continuous Trickle Rate (l/s)	%
Living	17.0	17.1	101%	9.0	10.2	113%
Bedroom 1	10.0	10.3	103%	6.0	6.2	103%
Bedroom 2	10.0	10.2	102%	6.0	6.2	103%
Total	37.0	37.6		21.0	22.6	
Fan Speed - %		84%			52%	
TEST EQUIPMENT						
	Make & Model Of Vane Anemometer			Serial Number	Date of last UKAS Calibration	
	Testo Large Vain Anometer			62046183	19/06/2020	
Engineers Pre-Commission Checks & Additional Comments:						
PRE-COMMISSION OBSERVATIONS:		Yes	No	N/a		
Is the fan unit securley fixed?		✓				
Is the condensate drain pipe fitted and secure?		✓				
Is the isolator in place and fan unit connected?		✓				
Are flexible connections to fan unit taught & mechanically fixed?		✓				
Are all air terminals in place?		✓				
Are flexible connections to air valves taught & mechanically fixed?		✓				
Have doors been undercut (10mm 760mm / 9mm 835mm)		✓				
CONCLUSIONS / COMMENTS:					Pass : Yes or No	Initial
					Y	RM
BPEC Competent Persons Scheme/ Registration No (if applicable):						
BPEC	Engineer: Richard Marshall		Unique No. Ref: 203760			
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Project:	Kingsway, Moseley Road, Levenshulme, Manchester. M19 2LJ					
Client:	Read Cube Homes Ltd					
Date of Testing/Reading:	04/06/2021					
Level: First Floor	Flat No. 7		Address: Beech Tree Court - 229 Moseley Road, Manchester, M19 2JT			
Fan Unit	Manufacturer:	Vectaire				
	Type/Model Ref:	WHHR MIDI BY				
		Fan Serial Number:				
AIR FLOW MEASUREMENTS (Extract Air) - System 4 MVHR						
Room Reference	Design Air Flow	Measured Air Flow	Achieved	Design Air Flow	Measured Air Flow	Achieved
Location of Terminals	High Rate (l/s)	High Rate (l/s)	%	Continuous Trickle Rate (l/s)	Continuous Trickle Rate (l/s)	%
Kitchen	13.0	13.2	102%	10.0	10.4	104%
Bathroom	8.0	8.4	105%	8.0	8.1	101%
EnSuite	8.0	8.3	104%	5.0	6.0	120%
W/M Cupboard	8.0	8.1	101%	2.0	6.2	310%
Total	37.0	38.0		25.0	30.7	
Fan Speed - %		68%			50%	
AIR FLOW MEASUREMENTS (Supply Air) - System 4 MVHR						
Room Reference	Design Air Flow	Measured Air Flow	Achieved	Design Air Flow	Measured Air Flow	Achieved
Location of Terminals	High Rate (l/s)	High Rate (l/s)	%	Continuous Trickle Rate (l/s)	Continuous Trickle Rate (l/s)	%
Bedroom 1	13.0	15.0	115%	9.0	10.2	113%
Bedroom 2	12.0	12.1	101%	8.0	8.0	100%
Study	12.0	12.0	100%	8.0	8.1	101%
Total	37.0	39.1		25.0	26.3	
Fan Speed - %		68%			44%	
TEST EQUIPMENT						
	Make & Model Of Vane Anemometer			Serial Number	Date of last UKAS Calibration	
	Testo Large Vain Anometer			62046183	19/06/2020	
Engineers Pre-Commission Checks & Additional Comments:						
PRE-COMMISSION OBSERVATIONS:		Yes	No	N/a		
Is the fan unit securley fixed?		✓				
Is the condensate drain pipe fitted and secure?		✓				
Is the isolator in place and fan unit connected?		✓				
Are flexible connections to fan unit taught & mechanically fixed?		✓				
Are all air terminals in place?		✓				
Are flexible connections to air valves taught & mechanically fixed?		✓				
Have doors been undercut (10mm 760mm / 9mm 835mm)		✓				
CONCLUSIONS / COMMENTS:					Pass : Yes or No	Initial
					Y	RM
BPEC Competent Persons Scheme/ Registration No (if applicable):						
BPEC	Engineer: Richard Marshall		Unique No. Ref: 203760			
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Project:	Kingsway, Moseley Road, Levenshulme, Manchester. M19 2LJ					
Client:	Read Cube Homes Ltd					
Date of Testing/Reading:	27/05/2021					
Level: First Floor	Flat No. 8		Address: Beech Tree Court - 229 Moseley Road, Manchester, M19 2JT			
Fan Unit	Manufacturer:	Vectaire				
	Type/Model Ref:	WHHR MIDI BY				
		Fan Serial Number:				
AIR FLOW MEASUREMENTS (Extract Air) - System 4 MVHR						
Room Reference	Design Air Flow	Measured Air Flow	Achieved	Design Air Flow	Measured Air Flow	Achieved
Location of Terminals	High Rate (l/s)	High Rate (l/s)	%	Continuous Trickle Rate (l/s)	Continuous Trickle Rate (l/s)	%
Kitchen	13.0	13.3	102%	10.0	10.1	101%
Bathroom	8.0	8.2	103%	8.0	7.6	95%
EnSuite	8.0	8.4	105%	5.0	6.3	126%
W/M Cupboard	8.0	8.2	103%	2.0	5.7	285%
Total	37.0	38.1		25.0	29.7	
Fan Speed - %		70%			51%	
AIR FLOW MEASUREMENTS (Supply Air) - System 4 MVHR						
Room Reference	Design Air Flow	Measured Air Flow	Achieved	Design Air Flow	Measured Air Flow	Achieved
Location of Terminals	High Rate (l/s)	High Rate (l/s)	%	Continuous Trickle Rate (l/s)	Continuous Trickle Rate (l/s)	%
Living	17.0	16.5	97%	9.0	9.1	101%
Bedroom 1	10.0	10.1	101%	7.0	7.0	100%
Bedroom 2	10.0	10.3	103%	5.0	6.3	126%
Total	37.0	36.9		21.0	22.4	
Fan Speed - %		93%			60%	
TEST EQUIPMENT						
	Make & Model Of Vane Anemometer			Serial Number	Date of last UKAS Calibration	
	Testo Large Vain Anometer			62046183	19/06/2020	
Engineers Pre-Commission Checks & Additional Comments:						
PRE-COMMISSION OBSERVATIONS:		Yes	No	N/a		
Is the fan unit securley fixed?		✓				
Is the condensate drain pipe fitted and secure?		✓				
Is the isolator in place and fan unit connected?		✓				
Are flexible connections to fan unit taught & mechanically fixed?		✓				
Are all air terminals in place?		✓				
Are flexible connections to air valves taught & mechanically fixed?		✓				
Have doors been undercut (10mm 760mm / 9mm 835mm)		✓				
CONCLUSIONS / COMMENTS:					Pass : Yes or No	Initial
					Y	RM
BPEC Competent Persons Scheme/ Registration No (if applicable):						
BPEC	Engineer: Richard Marshall		Unique No. Ref: 203760			
Air Quality Services Ltd Registered Office: Lincoln Road, Cressex Business Park, High Wycombe, Bucks HP12 3RH Company Reg: 02639467						
		   				

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Project:	Kingsway, Moseley Road, Levenshulme, Manchester. M19 2LJ					
Client:	Read Cube Homes Ltd					
Date of Testing/Reading:	04/06/2021					
Level: First Floor	Flat No. 9		Address: Beech Tree Court - 229 Moseley Road, Manchester, M19 2JT			
Fan Unit	Manufacturer:	Vectaire				
	Type/Model Ref:	WHHR MIDI BY				
		Fan Serial Number:				
AIR FLOW MEASUREMENTS (Extract Air) - System 4 MVHR						
Room Reference	Design Air Flow	Measured Air Flow	Achieved	Design Air Flow	Measured Air Flow	Achieved
Location of Terminals	High Rate (l/s)	High Rate (l/s)	%	Continuous Trickle Rate (l/s)	Continuous Trickle Rate (l/s)	%
Kitchen	13.0	13.0	100%	9.0	10.1	112%
Bathroom	8.0	8.3	104%	6.0	6.2	103%
EnSuite	8.0	8.1	101%	5.0	6.0	120%
W/M Cupboard	8.0	8.2	103%	2.0	6.1	305%
Total	37.0	37.6		22.0	28.4	
Fan Speed - %		70%			58%	
AIR FLOW MEASUREMENTS (Supply Air) - System 4 MVHR						
Room Reference	Design Air Flow	Measured Air Flow	Achieved	Design Air Flow	Measured Air Flow	Achieved
Location of Terminals	High Rate (l/s)	High Rate (l/s)	%	Continuous Trickle Rate (l/s)	Continuous Trickle Rate (l/s)	%
Living	17.0	17.3	102%	9.0	10.3	114%
Bedroom 1	10.0	10.1	101%	7.0	7.2	103%
Bedroom 2	10.0	10.4	104%	5.0	6.3	126%
Total	37.0	37.8		21.0	23.8	
Fan Speed - %		70%			46%	
TEST EQUIPMENT						
	Make & Model Of Vane Anemometer			Serial Number	Date of last UKAS Calibration	
	Testo Large Vain Anometer			62046183	19/06/2020	
Engineers Pre-Commission Checks & Additional Comments:						
PRE-COMMISSION OBSERVATIONS:		Yes	No	N/a		
Is the fan unit securley fixed?		✓				
Is the condensate drain pipe fitted and secure?		✓				
Is the isolator in place and fan unit connected?		✓				
Are flexible connections to fan unit taught & mechanically fixed?		✓				
Are all air terminals in place?		✓				
Are flexible connections to air valves taught & mechanically fixed?		✓				
Have doors been undercut (10mm 760mm / 9mm 835mm)		✓				
CONCLUSIONS / COMMENTS:					Pass : Yes or No	Initial
					Y	RM
BPEC Competent Persons Scheme/ Registration No (if applicable):						
BPEC	Engineer: Richard Marshall		Unique No. Ref: 203760			
Air Quality Services Ltd Registered Office: Lincoln Road, Cressex Business Park, High Wycombe, Bucks HP12 3RH Company Reg: 02639467						
		   				

Document Ref:	MVHR Airflow Commissioning (MVHR - Domestic Ventilation)		 AIR QUALITY SERVICES www.airqualityservices.co.uk			
Project:	Kingsway, Moseley Road, Levenshulme, Manchester. M19 2LJ					
Client:	Read Cube Homes Ltd					
Date of Testing/Reading:	27/05/2021					
Level: First Floor	Flat No. 10		Address: Beech Tree Court - 229 Moseley Road, Manchester, M19 2JT			
Fan Unit	Manufacturer:	Vectaire				
	Type/Model Ref:	WHHR MIDI BY				
		Fan Serial Number:				
AIR FLOW MEASUREMENTS (Extract Air) - System 4 MVHR						
Room Reference	Design Air Flow	Measured Air Flow	Achieved	Design Air Flow	Measured Air Flow	Achieved
Location of Terminals	High Rate (l/s)	High Rate (l/s)	%	Continuous Trickle Rate (l/s)	Continuous Trickle Rate (l/s)	%
Kitchen	13.0	13.2	102%	8.0	8.0	100%
Bathroom	8.0	8.4	105%	7.0	6.5	93%
EnSuite	8.0	8.1	101%	5.0	5.1	102%
W/M Cupboard	8.0	8.4	105%	2.0	5.3	265%
Total	37.0	38.1		22.0	24.9	
Fan Speed - %		83%			53%	
AIR FLOW MEASUREMENTS (Supply Air) - System 4 MVHR						
Room Reference	Design Air Flow	Measured Air Flow	Achieved	Design Air Flow	Measured Air Flow	Achieved
Location of Terminals	High Rate (l/s)	High Rate (l/s)	%	Continuous Trickle Rate (l/s)	Continuous Trickle Rate (l/s)	%
Living	17.0	17.3	102%	8.0	8.4	105%
Bedroom 1	10.0	10.4	104%	8.0	5.3	66%
Bedroom 2	10.0	10.1	101%	5.0	5.3	106%
Total	37.0	37.8		21.0	19.0	
Fan Speed - %		70%			40%	
TEST EQUIPMENT						
	Make & Model Of Vane Anemometer			Serial Number	Date of last UKAS Calibration	
	Testo Large Vain Anometer			62046183	19/06/2020	
Engineers Pre-Commission Checks & Additional Comments:						
PRE-COMMISSION OBSERVATIONS:		Yes	No	N/a		
Is the fan unit securley fixed?		✓				
Is the condensate drain pipe fitted and secure?		✓				
Is the isolator in place and fan unit connected?		✓				
Are flexible connections to fan unit taught & mechanically fixed?		✓				
Are all air terminals in place?		✓				
Are flexible connections to air valves taught & mechanically fixed?		✓				
Have doors been undercut (10mm 760mm / 9mm 835mm)		✓				
CONCLUSIONS / COMMENTS:					Pass : Yes or No	Initial
					Y	RM
BPEC Competent Persons Scheme/ Registration No (if applicable):						
BPEC	Engineer: Richard Marshall		Unique No. Ref: 203760			
Air Quality Services Ltd Registered Office: Lincoln Road, Cressex Business Park, High Wycombe, Bucks HP12 3RH Company Reg: 02639467						
   						

Document Ref:	MVHR Airflow Commissioning (MVHR - Domestic Ventilation)		 www.airqualityservices.co.uk			
Project:	Kingsway, Moseley Road, Levenshulme, Manchester. M19 2LJ					
Client:	Read Cube Homes Ltd					
Date of Testing/Reading:	27/05/2021					
Level: First Floor	Flat No. 11		Address: Beech Tree Court - 229 Moseley Road, Manchester, M19 2JT			
Fan Unit	Manufacturer:	Vectaire				
	Type/Model Ref:	WHHR MIDI BY	Fan Serial Number:			
AIR FLOW MEASUREMENTS (Extract Air) - System 4 MVHR						
Room Reference	Design Air Flow	Measured Air Flow	Achieved	Design Air Flow	Measured Air Flow	Achieved
Location of Terminals	High Rate (l/s)	High Rate (l/s)	%	Continuous Trickle Rate (l/s)	Continuous Trickle Rate (l/s)	%
Kitchen	13.0	13.5	104%	9.0	9.1	101%
Bathroom	8.0	8.2	103%	6.0	5.5	92%
EnSuite	8.0	8.4	105%	5.0	5.2	104%
W/M Cupboard	8.0	8.1	101%	2.0	6.3	315%
Total	37.0	38.2		22.0	26.1	
Fan Speed - %		82%			50%	
AIR FLOW MEASUREMENTS (Supply Air) - System 4 MVHR						
Room Reference	Design Air Flow	Measured Air Flow	Achieved	Design Air Flow	Measured Air Flow	Achieved
Location of Terminals	High Rate (l/s)	High Rate (l/s)	%	Continuous Trickle Rate (l/s)	Continuous Trickle Rate (l/s)	%
Living	17.0	17.0	100%	8.0	8.3	104%
Bedroom 1	10.0	10.1	101%	7.0	7.3	104%
Bedroom 2	10.0	10.0	100%	6.0	5.9	98%
Total	37.0	37.1		21.0	21.5	
Fan Speed - %		80%			45%	
TEST EQUIPMENT						
	Make & Model Of Vane Anemometer			Serial Number	Date of last UKAS Calibration	
	Testo Large Vain Anometer			62046183	19/06/2020	
Engineers Pre-Commission Checks & Additional Comments:						
PRE-COMMISSION OBSERVATIONS:		Yes	No	N/a		
Is the fan unit securley fixed?		✓				
Is the condensate drain pipe fitted and secure?		✓				
Is the isolator in place and fan unit connected?		✓				
Are flexible connections to fan unit taught & mechanically fixed?		✓				
Are all air terminals in place?		✓				
Are flexible connections to air valves taught & mechanically fixed?		✓				
Have doors been undercut (10mm 760mm / 9mm 835mm)		✓				
CONCLUSIONS / COMMENTS:					Pass : Yes or No	Initial
					Y	RM
BPEC Competent Persons Scheme/ Registration No (if applicable):						
BPEC	Engineer: Richard Marshall		Unique No. Ref: 203760			
Air Quality Services Ltd Registered Office: Lincoln Road, Cressex Business Park, High Wycombe, Bucks HP12 3RH Company Reg: 02639467						
		   				

Document Ref:	MVHR Airflow Commissioning (MVHR - Domestic Ventilation)		 www.airqualityservices.co.uk			
Project:	Kingsway, Moseley Road, Levenshulme, Manchester. M19 2LJ					
Client:	Read Cube Homes Ltd					
Date of Testing/Reading:	04/06/2021					
Level: First Floor	Flat No. 12		Address: Beech Tree Court - 229 Moseley Road, Manchester, M19 2JT			
Fan Unit	Manufacturer:	Vectaire				
	Type/Model Ref:	WHHR MIDI BY				
		Fan Serial Number:				
AIR FLOW MEASUREMENTS (Extract Air) - System 4 MVHR						
Room Reference	Design Air Flow	Measured Air Flow	Achieved	Design Air Flow	Measured Air Flow	Achieved
Location of Terminals	High Rate (l/s)	High Rate (l/s)	%	Continuous Trickle Rate (l/s)	Continuous Trickle Rate (l/s)	%
Kitchen	13.0	13.2	102%	10.0	10.4	104%
Bathroom	8.0	8.0	100%	6.0	6.2	103%
EnSuite	8.0	8.2	103%	4.0	6.4	160%
W/M Cupboard	8.0	8.1	101%	1.0	6.3	630%
Total	37.0	37.5		21.0	29.3	
Fan Speed - %		68%			55%	
AIR FLOW MEASUREMENTS (Supply Air) - System 4 MVHR						
Room Reference	Design Air Flow	Measured Air Flow	Achieved	Design Air Flow	Measured Air Flow	Achieved
Location of Terminals	High Rate (l/s)	High Rate (l/s)	%	Continuous Trickle Rate (l/s)	Continuous Trickle Rate (l/s)	%
Living	17.0	17.5	103%	9.0	10.4	116%
Bedroom 1	10.0	10.3	103%	6.0	6.2	103%
Bedroom 2	10.0	10.4	104%	6.0	6.3	105%
Total	37.0	38.2		21.0	22.9	
Fan Speed - %		74%			50%	
TEST EQUIPMENT						
	Make & Model Of Vane Anemometer		Serial Number	Date of last UKAS Calibration		
	Testo Large Vain Anometer		62046183	19/06/2020		
Engineers Pre-Commission Checks & Additional Comments:						
PRE-COMMISSION OBSERVATIONS:	Yes	No	N/a			
Is the fan unit securley fixed?	✓					
Is the condensate drain pipe fitted and secure?	✓					
Is the isolator in place and fan unit connected?	✓					
Are flexible connections to fan unit taught & mechanically fixed?	✓					
Are all air terminals in place?	✓					
Are flexible connections to air valves taught & mechanically fixed?	✓					
Have doors been undercut (10mm 760mm / 9mm 835mm)	✓					
CONCLUSIONS / COMMENTS:				Pass : Yes or No	Initial	
Magnet cover missing for filter				Y		
BPEC Competent Persons Scheme/ Registration No (if applicable):						
BPEC	Engineer: Richard Marshall	Unique No. Ref: 203760				
Air Quality Services Ltd Registered Office: Lincoln Road, Cressex Business Park, High Wycombe, Bucks HP12 3RH Company Reg: 02639467						
		   				

Document Ref:	MVHR Airflow Commissioning (MVHR - Domestic Ventilation)		 www.airqualityservices.co.uk			
Project:	Kingsway, Moseley Road, Levenshulme, Manchester. M19 2LJ					
Client:	Read Cube Homes Ltd					
Date of Testing/Reading:	27/05/2021					
Level: Second Floor	Flat No. 13		Address: Beech Tree Court - 229 Moseley Road, Manchester, M19 2JT			
Fan Unit	Manufacturer:	Vectaire				
	Type/Model Ref:	WHHR MIDI BY				
		Fan Serial Number:				
AIR FLOW MEASUREMENTS (Extract Air) - System 4 MVHR						
Room Reference	Design Air Flow	Measured Air Flow	Achieved	Design Air Flow	Measured Air Flow	Achieved
Location of Terminals	High Rate (l/s)	High Rate (l/s)	%	Continuous Trickle Rate (l/s)	Continuous Trickle Rate (l/s)	%
Kitchen	13.0	12.8	98%	10.0	10.2	102%
Bathroom	8.0	8.3	104%	6.0	8.6	143%
EnSuite	8.0	8.1	101%	4.0	7.1	178%
W/M Cupboard	8.0	8.4	105%	1.0	6.6	660%
Total	37.0	37.6		21.0	32.5	
Fan Speed - %		80%			67%	
AIR FLOW MEASUREMENTS (Supply Air) - System 4 MVHR						
Room Reference	Design Air Flow	Measured Air Flow	Achieved	Design Air Flow	Measured Air Flow	Achieved
Location of Terminals	High Rate (l/s)	High Rate (l/s)	%	Continuous Trickle Rate (l/s)	Continuous Trickle Rate (l/s)	%
Living	13.0	13.4	103%	9.0	9.0	100%
Bedroom 1	12.0	12.1	101%	6.0	8.3	138%
Bedroom 2	12.0	12.3	103%	6.0	8.1	135%
Total	37.0	37.8		21.0	25.4	
Fan Speed - %		74%			53%	
TEST EQUIPMENT						
	Make & Model Of Vane Anemometer			Serial Number	Date of last UKAS Calibration	
	Testo Large Vain Anometer			62046183	19/06/2020	
Engineers Pre-Commission Checks & Additional Comments:						
PRE-COMMISSION OBSERVATIONS:		Yes	No	N/a		
Is the fan unit securley fixed?		✓				
Is the condensate drain pipe fitted and secure?		✓				
Is the isolator in place and fan unit connected?		✓				
Are flexible connections to fan unit taught & mechanically fixed?		✓				
Are all air terminals in place?		✓				
Are flexible connections to air valves taught & mechanically fixed?		✓				
Have doors been undercut (10mm 760mm / 9mm 835mm)		✓				
CONCLUSIONS / COMMENTS:					Pass : Yes or No	Initial
					Y	RM
BPEC Competent Persons Scheme/ Registration No (if applicable):						
BPEC	Engineer: Richard Marshall		Unique No. Ref: 203760			
Air Quality Services Ltd Registered Office: Lincoln Road, Cressex Business Park, High Wycombe, Bucks HP12 3RH Company Reg: 02639467						
		   				

Document Ref:	MVHR Airflow Commissioning (MVHR - Domestic Ventilation)		 AIR QUALITY SERVICES www.airqualityservices.co.uk			
Project:	Kingsway, Moseley Road, Levenshulme, Manchester. M19 2LJ					
Client:	Read Cube Homes Ltd					
Date of Testing/Reading:	04/06/2021					
Level: Second Floor	Flat No. 14		Address: Beech Tree Court - 229 Moseley Road, Manchester, M19 2JT			
Fan Unit	Manufacturer:	Vectaire				
	Type/Model Ref:	WHHR MIDI BY				
		Fan Serial Number:				
AIR FLOW MEASUREMENTS (Extract Air) - System 4 MVHR						
Room Reference	Design Air Flow	Measured Air Flow	Achieved	Design Air Flow	Measured Air Flow	Achieved
Location of Terminals	High Rate (l/s)	High Rate (l/s)	%	Continuous Trickle Rate (l/s)	Continuous Trickle Rate (l/s)	%
Kitchen	13.0	13.1	101%	10.0	10.2	102%
Bathroom	8.0	8.1	101%	6.0	6.4	107%
EnSuite	8.0	8.2	103%	4.0	6.0	150%
W/M Cupboard	8.0	8.2	103%	1.0	6.1	610%
Total	37.0	37.6		21.0	28.7	
Fan Speed - %		70%			65%	
AIR FLOW MEASUREMENTS (Supply Air) - System 4 MVHR						
Room Reference	Design Air Flow	Measured Air Flow	Achieved	Design Air Flow	Measured Air Flow	Achieved
Location of Terminals	High Rate (l/s)	High Rate (l/s)	%	Continuous Trickle Rate (l/s)	Continuous Trickle Rate (l/s)	%
Living	17.0	17.2	101%	9.0	9.3	103%
Bedroom 1	10.0	10.2	102%	6.0	6.2	103%
Bedroom 2	10.0	10.1	101%	6.0	6.3	105%
Total	37.0	37.5		21.0	21.8	
Fan Speed - %		55%			65%	
TEST EQUIPMENT						
	Make & Model Of Vane Anemometer			Serial Number	Date of last UKAS Calibration	
	Testo Large Vain Anometer			62046183	19/06/2020	
Engineers Pre-Commission Checks & Additional Comments:						
PRE-COMMISSION OBSERVATIONS:		Yes	No	N/a		
Is the fan unit securley fixed?		✓				
Is the condensate drain pipe fitted and secure?		✓				
Is the isolator in place and fan unit connected?		✓				
Are flexible connections to fan unit taught & mechanically fixed?		✓				
Are all air terminals in place?		✓				
Are flexible connections to air valves taught & mechanically fixed?		✓				
Have doors been undercut (10mm 760mm / 9mm 835mm)		✓				
CONCLUSIONS / COMMENTS:					Pass : Yes or No	Initial
					Y	RM
BPEC Competent Persons Scheme/ Registration No (if applicable):						
BPEC	Engineer: Richard Marshall		Unique No. Ref: 203760			
Air Quality Services Ltd Registered Office: Lincoln Road, Cressex Business Park, High Wycombe, Bucks HP12 3RH Company Reg: 02639467						
		   				

Document Ref:	MVHR Airflow Commissioning (MVHR - Domestic Ventilation)		 www.airqualityservices.co.uk			
Project:	Kingsway, Moseley Road, Levenshulme, Manchester. M19 2LJ					
Client:	Read Cube Homes Ltd					
Date of Testing/Reading:	27/05/2021					
Level: Second Floor	Flat No. 15		Address: Beech Tree Court - 229 Moseley Road, Manchester, M19 2JT			
Fan Unit	Manufacturer:	Vectaire				
	Type/Model Ref:	WHHR MIDI BY	Fan Serial Number:			
AIR FLOW MEASUREMENTS (Extract Air) - System 4 MVHR						
Room Reference	Design Air Flow	Measured Air Flow	Achieved	Design Air Flow	Measured Air Flow	Achieved
Location of Terminals	High Rate (l/s)	High Rate (l/s)	%	Continuous Trickle Rate (l/s)	Continuous Trickle Rate (l/s)	%
Kitchen	13.0	13.2	102%	9.0	9.1	101%
Bathroom	8.0	8.2	103%	6.0	6.3	105%
EnSuite	8.0	8.4	105%	5.0	6.0	120%
W/M Cupboard	8.0	8.1	101%	2.0	5.2	260%
Total	37.0	37.9		22.0	26.6	
Fan Speed - %		85%			61%	
AIR FLOW MEASUREMENTS (Supply Air) - System 4 MVHR						
Room Reference	Design Air Flow	Measured Air Flow	Achieved	Design Air Flow	Measured Air Flow	Achieved
Location of Terminals	High Rate (l/s)	High Rate (l/s)	%	Continuous Trickle Rate (l/s)	Continuous Trickle Rate (l/s)	%
Living	17.0	17.5	103%	9.0	9.3	103%
Bedroom 1	10.0	10.6	106%	6.0	6.5	108%
Bedroom 2	10.0	10.4	104%	6.0	4.8	80%
Total	37.0	38.5		21.0	20.6	
Fan Speed - %		67%			40%	
TEST EQUIPMENT						
	Make & Model Of Vane Anemometer			Serial Number	Date of last UKAS Calibration	
	Testo Large Vain Anometer			62046183	19/06/2020	
Engineers Pre-Commission Checks & Additional Comments:						
PRE-COMMISSION OBSERVATIONS:		Yes	No	N/a		
Is the fan unit securley fixed?		✓				
Is the condensate drain pipe fitted and secure?		✓				
Is the isolator in place and fan unit connected?		✓				
Are flexible connections to fan unit taught & mechanically fixed?		✓				
Are all air terminals in place?		✓				
Are flexible connections to air valves taught & mechanically fixed?		✓				
Have doors been undercut (10mm 760mm / 9mm 835mm)		✓				
CONCLUSIONS / COMMENTS:					Pass : Yes or No	Initial
					Y	RM
BPEC Competent Persons Scheme/ Registration No (if applicable):						
BPEC	Engineer: Richard Marshall		Unique No. Ref: 203760			
Air Quality Services Ltd Registered Office: Lincoln Road, Cressex Business Park, High Wycombe, Bucks HP12 3RH Company Reg: 02639467						
   						

Document Ref:	MVHR Airflow Commissioning (MVHR - Domestic Ventilation)		 www.airqualityservices.co.uk			
Project:	Kingsway, Moseley Road, Levenshulme, Manchester. M19 2LJ					
Client:	Read Cube Homes Ltd					
Date of Testing/Reading:	04/06/2021					
Level: Second Floor	Flat No. 16		Address: Beech Tree Court - 229 Moseley Road, Manchester, M19 2JT			
Fan Unit	Manufacturer:	Vectaire				
	Type/Model Ref:	WHHR MIDI BY				
		Fan Serial Number:				
AIR FLOW MEASUREMENTS (Extract Air) - System 4 MVHR						
Room Reference	Design Air Flow	Measured Air Flow	Achieved	Design Air Flow	Measured Air Flow	Achieved
Location of Terminals	High Rate (l/s)	High Rate (l/s)	%	Continuous Trickle Rate (l/s)	Continuous Trickle Rate (l/s)	%
Kitchen	13.0	13.2	102%	8.0	9.1	114%
Bathroom	8.0	8.0	100%	7.0	7.0	100%
EnSuite	8.0	8.2	103%	5.0	6.3	126%
W/M Cupboard	8.0	8.1	101%	2.0	6.2	310%
Total	37.0	37.5		22.0	28.6	
Fan Speed - %		70%			57%	
AIR FLOW MEASUREMENTS (Supply Air) - System 4 MVHR						
Room Reference	Design Air Flow	Measured Air Flow	Achieved	Design Air Flow	Measured Air Flow	Achieved
Location of Terminals	High Rate (l/s)	High Rate (l/s)	%	Continuous Trickle Rate (l/s)	Continuous Trickle Rate (l/s)	%
Living	17.0	17.3	102%	8.0	9.4	118%
Bedroom 1	10.0	10.2	102%	8.0	8.3	104%
Bedroom 2	10.0	10.3	103%	5.0	6.4	128%
Total	37.0	37.8		21.0	24.1	
Fan Speed - %		70%			42%	
TEST EQUIPMENT						
	Make & Model Of Vane Anemometer		Serial Number	Date of last UKAS Calibration		
	Testo Large Vain Anometer		62046182	19/06/2020		
Engineers Pre-Commission Checks & Additional Comments:						
PRE-COMMISSION OBSERVATIONS:	Yes	No	N/a			
Is the fan unit securley fixed?	✓					
Is the condensate drain pipe fitted and secure?	✓					
Is the isolator in place and fan unit connected?	✓					
Are flexible connections to fan unit taught & mechanically fixed?	✓					
Are all air terminals in place?	✓					
Are flexible connections to air valves taught & mechanically fixed?	✓					
Have doors been undercut (10mm 760mm / 9mm 835mm)	✓					
CONCLUSIONS / COMMENTS:				Pass : Yes or No	Initial	
No Ceiling in W/M Cupboard, Valve installed to flex for commissioning purposes				Y	RM	
BPEC Competent Persons Scheme/ Registration No (if applicable):						
BPEC	Engineer: Richard Marshall	Unique No. Ref: 203760				
Air Quality Services Ltd Registered Office: Lincoln Road, Cressex Business Park, High Wycombe, Bucks HP12 3RH Company Reg: 02639467						
   						

Document Ref:	MVHR Airflow Commissioning (MVHR - Domestic Ventilation)		 www.airqualityservices.co.uk			
Project:	Kingsway, Moseley Road, Levenshulme, Manchester. M19 2LJ					
Client:	Read Cube Homes Ltd					
Date of Testing/Reading:	27/05/2021					
Level: Second Floor	Flat No. 17		Address: Beech Tree Court - 229 Moseley Road, Manchester, M19 2JT			
Fan Unit	Manufacturer:	Vectaire				
	Type/Model Ref:	WHHR MIDI BY				
		Fan Serial Number:				
AIR FLOW MEASUREMENTS (Extract Air) - System 4 MVHR						
Room Reference	Design Air Flow	Measured Air Flow	Achieved	Design Air Flow	Measured Air Flow	Achieved
Location of Terminals	High Rate (l/s)	High Rate (l/s)	%	Continuous Trickle Rate (l/s)	Continuous Trickle Rate (l/s)	%
Kitchen	13.0	12.9	99%	9.0	9.0	100%
Bathroom	8.0	8.3	104%	6.0	7.3	122%
EnSuite	8.0	8.1	101%	5.0	8.1	162%
W/M Cupboard	8.0	8.1	101%	2.0	5.8	290%
Total	37.0	37.4		22.0	30.2	
Fan Speed - %		83%			62%	
AIR FLOW MEASUREMENTS (Supply Air) - System 4 MVHR						
Room Reference	Design Air Flow	Measured Air Flow	Achieved	Design Air Flow	Measured Air Flow	Achieved
Location of Terminals	High Rate (l/s)	High Rate (l/s)	%	Continuous Trickle Rate (l/s)	Continuous Trickle Rate (l/s)	%
Living	17.0	17.1	101%	8.0	8.4	105%
Bedroom 1	10.0	10.3	103%	7.0	6.8	97%
Bedroom 2	10.0	10.4	104%	6.0	5.7	95%
Total	37.0	37.8		21.0	20.9	
Fan Speed - %		73%			43%	
TEST EQUIPMENT						
	Make & Model Of Vane Anemometer			Serial Number	Date of last UKAS Calibration	
	Testo Large Vain Anometer			62046183	19/06/2020	
Engineers Pre-Commission Checks & Additional Comments:						
PRE-COMMISSION OBSERVATIONS:		Yes	No	N/a		
Is the fan unit securley fixed?		✓				
Is the condensate drain pipe fitted and secure?		✓				
Is the isolator in place and fan unit connected?		✓				
Are flexible connections to fan unit taught & mechanically fixed?		✓				
Are all air terminals in place?		✓				
Are flexible connections to air valves taught & mechanically fixed?		✓				
Have doors been undercut (10mm 760mm / 9mm 835mm)		✓				
CONCLUSIONS / COMMENTS:					Pass : Yes or No	Initial
					Y	RM
BPEC Competent Persons Scheme/ Registration No (if applicable):						
BPEC	Engineer: Richard Marshall		Unique No. Ref: 203760			
Air Quality Services Ltd Registered Office: Lincoln Road, Cressex Business Park, High Wycombe, Bucks HP12 3RH Company Reg: 02639467						
   						

Document Ref:	MVHR Airflow Commissioning (MVHR - Domestic Ventilation)		 AIR QUALITY SERVICES www.airqualityservices.co.uk			
Project:	Kingsway, Moseley Road, Levenshulme, Manchester. M19 2LJ					
Client:	Read Cube Homes Ltd					
Date of Testing/Reading:	04/06/2021					
Level: Second Floor	Flat No. 18		Address: Beech Tree Court - 229 Moseley Road, Manchester, M19 2JT			
Fan Unit	Manufacturer:	Vectaire				
	Type/Model Ref:	WHHR MIDI BY				
		Fan Serial Number:				
AIR FLOW MEASUREMENTS (Extract Air) - System 4 MVHR						
Room Reference	Design Air Flow	Measured Air Flow	Achieved	Design Air Flow	Measured Air Flow	Achieved
Location of Terminals	High Rate (l/s)	High Rate (l/s)	%	Continuous Trickle Rate (l/s)	Continuous Trickle Rate (l/s)	%
Kitchen	13.0	13.0	100%	10.0	10.2	102%
Bathroom	8.0	8.1	101%	6.0	6.2	103%
EnSuite	8.0	8.2	103%	4.0	6.1	153%
W/M Cupboard	8.0	8.1	101%	1.0	6.0	600%
Total	37.0	37.4		21.0	28.5	
Fan Speed - %		55%			65%	
AIR FLOW MEASUREMENTS (Supply Air) - System 4 MVHR						
Room Reference	Design Air Flow	Measured Air Flow	Achieved	Design Air Flow	Measured Air Flow	Achieved
Location of Terminals	High Rate (l/s)	High Rate (l/s)	%	Continuous Trickle Rate (l/s)	Continuous Trickle Rate (l/s)	%
Living	17.0	17.3	102%	9.0	9.2	102%
Bedroom 1	10.0	10.2	102%	6.0	6.2	103%
Bedroom 2	10.0	10.1	101%	6.0	6.0	100%
Total	37.0	37.6		21.0	21.4	
Fan Speed - %		60%			70%	
TEST EQUIPMENT						
	Make & Model Of Vane Anemometer		Serial Number	Date of last UKAS Calibration		
	Testo Large Vain Anometer		62046183	19/06/2020		
Engineers Pre-Commission Checks & Additional Comments:						
PRE-COMMISSION OBSERVATIONS:	Yes	No	N/a			
Is the fan unit securley fixed?	✓					
Is the condensate drain pipe fitted and secure?	✓					
Is the isolator in place and fan unit connected?	✓					
Are flexible connections to fan unit taught & mechanically fixed?	✓					
Are all air terminals in place?	✓					
Are flexible connections to air valves taught & mechanically fixed?	✓					
Have doors been undercut (10mm 760mm / 9mm 835mm)	✓					
CONCLUSIONS / COMMENTS:				Pass : Yes or No	Initial	
				Y	RM	
BPEC Competent Persons Scheme/ Registration No (if applicable):						
BPEC	Engineer: Testo Large Vain Anometer		Unique No. Ref: 203760			
Air Quality Services Ltd Registered Office: Lincoln Road, Cressex Business Park, High Wycombe, Bucks HP12 3RH Company Reg: 02639467						
   						

Document Ref:	MVHR Airflow Commissioning (MVHR - Domestic Ventilation)		 AIR QUALITY SERVICES www.airqualityservices.co.uk			
Project:	Kingsway, Moseley Road, Levenshulme, Manchester. M19 2LJ					
Client:	Read Cube Homes Ltd					
Date of Testing/Reading:	04/06/2021					
Level: Third Floor	Flat No. 19		Address: Beech Tree Court - 229 Moseley Road, Manchester, M19 2JT			
Fan Unit	Manufacturer:	Vectaire		Fan Serial Number:		
	Type/Model Ref:	WHHR MIDI BY				
AIR FLOW MEASUREMENTS (Extract Air) - System 4 MVHR						
Room Reference	Design Air Flow	Measured Air Flow	Achieved	Design Air Flow	Measured Air Flow	Achieved
Location of Terminals	High Rate (l/s)	High Rate (l/s)	%	Continuous Trickle Rate (l/s)	Continuous Trickle Rate (l/s)	%
Kitchen	13.0	13.1	101%	10.0	10.2	102%
Bathroom	8.0	8.2	103%	8.0	8.2	103%
EnSuite	8.0	8.2	103%	5.0	6.3	126%
W/M Cupboard	8.0	8.1	101%	2.0	6.2	310%
Total	37.0	37.6		25.0	30.9	
Fan Speed - %		52%			51%	
AIR FLOW MEASUREMENTS (Supply Air) - System 4 MVHR						
Room Reference	Design Air Flow	Measured Air Flow	Achieved	Design Air Flow	Measured Air Flow	Achieved
Location of Terminals	High Rate (l/s)	High Rate (l/s)	%	Continuous Trickle Rate (l/s)	Continuous Trickle Rate (l/s)	%
Bedroom 1	13.0	15.1	116%	9.0	10.3	114%
Bedroom 2	12.0	12.0	100%	8.0	8.0	100%
Study	12.0	12.2	102%	8.0	8.0	100%
Total	37.0	39.3		25.0	26.3	
Fan Speed - %		64%			42%	
TEST EQUIPMENT						
	Make & Model Of Vane Anemometer			Serial Number	Date of last UKAS Calibration	
	Testo Large Vain Anometer			62046183	19/06/2020	
Engineers Pre-Commission Checks & Additional Comments:						
PRE-COMMISSION OBSERVATIONS:		Yes	No	N/a		
Is the fan unit securley fixed?		✓				
Is the condensate drain pipe fitted and secure?		✓				
Is the isolator in place and fan unit connected?		✓				
Are flexible connections to fan unit taught & mechanically fixed?		✓				
Are all air terminals in place?		✓				
Are flexible connections to air valves taught & mechanically fixed?		✓				
Have doors been undercut (10mm 760mm / 9mm 835mm)		✓				
CONCLUSIONS / COMMENTS:					Pass : Yes or No	Initial
					Y	RM
BPEC Competent Persons Scheme/ Registration No (if applicable):						
BPEC	Engineer: Richard Marshall		Unique No. Ref: 203760			
Air Quality Services Ltd Registered Office: Lincoln Road, Cressex Business Park, High Wycombe, Bucks HP12 3RH Company Reg: 02639467						
			   			

Document Ref:	MVHR Airflow Commissioning (MVHR - Domestic Ventilation)		 www.airqualityservices.co.uk			
Project:	Kingsway, Moseley Road, Levenshulme, Manchester. M19 2LJ					
Client:	Read Cube Homes Ltd					
Date of Testing/Reading:	04/06/2021					
Level: Third Floor	Flat No. 20		Address: Beech Tree Court - 229 Moseley Road, Manchester, M19 2JT			
Fan Unit	Manufacturer:	Vectaire				
	Type/Model Ref:	WHHR MIDI BY				
		Fan Serial Number:				
AIR FLOW MEASUREMENTS (Extract Air) - System 4 MVHR						
Room Reference	Design Air Flow	Measured Air Flow	Achieved	Design Air Flow	Measured Air Flow	Achieved
Location of Terminals	High Rate (l/s)	High Rate (l/s)	%	Continuous Trickle Rate (l/s)	Continuous Trickle Rate (l/s)	%
Kitchen	13.0	13.3	102%	10.0	10.1	101%
Bathroom	8.0	8.1	101%	6.0	6.2	103%
EnSuite	8.0	8.2	103%	4.0	6.3	158%
W/M Cupboard	8.0	8.4	105%	1.0	6.3	630%
Total	37.0	38.0		21.0	28.9	
Fan Speed - %		70%			56%	
AIR FLOW MEASUREMENTS (Supply Air) - System 4 MVHR						
Room Reference	Design Air Flow	Measured Air Flow	Achieved	Design Air Flow	Measured Air Flow	Achieved
Location of Terminals	High Rate (l/s)	High Rate (l/s)	%	Continuous Trickle Rate (l/s)	Continuous Trickle Rate (l/s)	%
Living	17.0	17.2	101%	10.0	10.3	103%
Bedroom 1	10.0	10.3	103%	6.0	6.4	107%
Bedroom 2	10.0	10.1	101%	5.0	6.2	124%
Total	37.0	37.6		21.0	22.9	
Fan Speed - %		78%			50%	
TEST EQUIPMENT						
	Make & Model Of Vane Anemometer			Serial Number	Date of last UKAS Calibration	
	Testo Large Vain Anometer			62046183	19/06/2020	
Engineers Pre-Commission Checks & Additional Comments:						
PRE-COMMISSION OBSERVATIONS:		Yes	No	N/a		
Is the fan unit securley fixed?		✓				
Is the condensate drain pipe fitted and secure?		✓				
Is the isolator in place and fan unit connected?		✓				
Are flexible connections to fan unit taught & mechanically fixed?		✓				
Are all air terminals in place?		✓				
Are flexible connections to air valves taught & mechanically fixed?		✓				
Have doors been undercut (10mm 760mm / 9mm 835mm)		✓				
CONCLUSIONS / COMMENTS:					Pass : Yes or No	Initial
					Y	RM
BPEC Competent Persons Scheme/ Registration No (if applicable):						
BPEC	Engineer: Richard Marshall		Unique No. Ref: 203760			
Air Quality Services Ltd Registered Office: Lincoln Road, Cressex Business Park, High Wycombe, Bucks HP12 3RH Company Reg: 02639467						
   						

Document Ref:	MVHR Airflow Commissioning (MVHR - Domestic Ventilation)		 www.airqualityservices.co.uk			
Project:	Kingsway, Moseley Road, Levenshulme, Manchester. M19 2LJ					
Client:	Read Cube Homes Ltd					
Date of Testing/Reading:	04/06/2021					
Level: Third Floor	Flat No. 21		Address: Beech Tree Court - 229 Moseley Road, Manchester, M19 2JT			
Fan Unit	Manufacturer:	Vectaire				
	Type/Model Ref:	WHHR MIDI BY				
		Fan Serial Number:				
AIR FLOW MEASUREMENTS (Extract Air) - System 4 MVHR						
Room Reference	Design Air Flow	Measured Air Flow	Achieved	Design Air Flow	Measured Air Flow	Achieved
Location of Terminals	High Rate (l/s)	High Rate (l/s)	%	Continuous Trickle Rate (l/s)	Continuous Trickle Rate (l/s)	%
Kitchen	13.0	13.1	101%	9.0	10.2	113%
Bathroom	8.0	8.2	103%	6.0	6.3	105%
EnSuite	8.0	8.1	101%	5.0	6.1	122%
W/M Cupboard	8.0	8.3	104%	2.0	6.4	320%
Total	37.0	37.7		22.0	29.0	
Fan Speed - %		80%			48%	
AIR FLOW MEASUREMENTS (Supply Air) - System 4 MVHR						
Room Reference	Design Air Flow	Measured Air Flow	Achieved	Design Air Flow	Measured Air Flow	Achieved
Location of Terminals	High Rate (l/s)	High Rate (l/s)	%	Continuous Trickle Rate (l/s)	Continuous Trickle Rate (l/s)	%
Living	17.0	17.0	100%	9.0	10.1	112%
Bedroom 1	10.0	10.0	100%	7.0	7.1	101%
Bedroom 2	10.0	10.3	103%	5.0	6.4	128%
Total	37.0	37.3		21.0	23.6	
Fan Speed - %		70%			62%	
TEST EQUIPMENT						
	Make & Model Of Vane Anemometer			Serial Number	Date of last UKAS Calibration	
	Testo Large Vain Anometer			62046183	19/06/2020	
Engineers Pre-Commission Checks & Additional Comments:						
PRE-COMMISSION OBSERVATIONS:		Yes	No	N/a		
Is the fan unit securley fixed?		✓				
Is the condensate drain pipe fitted and secure?		✓				
Is the isolator in place and fan unit connected?		✓				
Are flexible connections to fan unit taught & mechanically fixed?		✓				
Are all air terminals in place?		✓				
Are flexible connections to air valves taught & mechanically fixed?		✓				
Have doors been undercut (10mm 760mm / 9mm 835mm)		✓				
CONCLUSIONS / COMMENTS:					Pass : Yes or No	Initial
					Y	RM
BPEC Competent Persons Scheme/ Registration No (if applicable):						
BPEC	Engineer: Richard Marshall		Unique No. Ref: 203760			
Air Quality Services Ltd Registered Office: Lincoln Road, Cressex Business Park, High Wycombe, Bucks HP12 3RH Company Reg: 02639467						
   						

Document Ref:	MVHR Airflow Commissioning (MVHR - Domestic Ventilation)		 AIR QUALITY SERVICES www.airqualityservices.co.uk			
Project:	Kingsway, Moseley Road, Levenshulme, Manchester. M19 2LJ					
Client:	Read Cube Homes Ltd					
Date of Testing/Reading:	04/06/2021					
Level: Third Floor	Flat No. 22		Address: Beech Tree Court - 229 Moseley Road, Manchester, M19 2JT			
Fan Unit	Manufacturer:	Vectaire				
	Type/Model Ref:	WHHR MIDI BY				
		Fan Serial Number:				
AIR FLOW MEASUREMENTS (Extract Air) - System 4 MVHR						
Room Reference	Design Air Flow	Measured Air Flow	Achieved	Design Air Flow	Measured Air Flow	Achieved
Location of Terminals	High Rate (l/s)	High Rate (l/s)	%	Continuous Trickle Rate (l/s)	Continuous Trickle Rate (l/s)	%
Kitchen	13.0	13.2	102%	10.0	10.4	104%
Bathroom	8.0	8.1	101%	7.0	6.3	90%
EnSuite	8.0	8.3	104%	6.0	6.4	107%
W/M Cupboard	8.0	8.1	101%	2.0	6.2	310%
Total	37.0	37.7		25.0	29.3	
Fan Speed - %		69%			57%	
AIR FLOW MEASUREMENTS (Supply Air) - System 4 MVHR						
Room Reference	Design Air Flow	Measured Air Flow	Achieved	Design Air Flow	Measured Air Flow	Achieved
Location of Terminals	High Rate (l/s)	High Rate (l/s)	%	Continuous Trickle Rate (l/s)	Continuous Trickle Rate (l/s)	%
Living	17.0	17.3	102%	8.0	10.2	128%
Bedroom 1	10.0	10.2	102%	8.0	8.1	101%
Bedroom 2	10.0	10.3	103%	5.0	5.3	106%
Total	37.0	37.8		21.0	23.6	
Fan Speed - %		73%			48%	
TEST EQUIPMENT						
	Make & Model Of Vane Anemometer		Serial Number	Date of last UKAS Calibration		
	Testo Large Vain Anometer		62046183	19/06/2020		
Engineers Pre-Commission Checks & Additional Comments:						
PRE-COMMISSION OBSERVATIONS:	Yes	No	N/a			
Is the fan unit securley fixed?	✓					
Is the condensate drain pipe fitted and secure?	✓					
Is the isolator in place and fan unit connected?	✓					
Are flexible connections to fan unit taught & mechanically fixed?	✓					
Are all air terminals in place?	✓					
Are flexible connections to air valves taught & mechanically fixed?	✓					
Have doors been undercut (10mm 760mm / 9mm 835mm)	✓					
CONCLUSIONS / COMMENTS:				Pass : Yes or No	Initial	
				Y	RM	
BPEC Competent Persons Scheme/ Registration No (if applicable):						
BPEC	Engineer: Richard Marshall	Unique No. Ref: 203760				
Air Quality Services Ltd Registered Office: Lincoln Road, Cressex Business Park, High Wycombe, Bucks HP12 3RH Company Reg: 02639467						
		   				

Document Ref:	MVHR Airflow Commissioning (MVHR - Domestic Ventilation)		 www.airqualityservices.co.uk			
Project:	Kingsway, Moseley Road, Levenshulme, Manchester. M19 2LJ					
Client:	Read Cube Homes Ltd					
Date of Testing/Reading:	04/06/2021					
Level: Third Floor	Flat No. 23		Address: Beech Tree Court - 229 Moseley Road, Manchester, M19 2JT			
Fan Unit	Manufacturer:	Vectaire				
	Type/Model Ref:	WHHR MIDI BY	Fan Serial Number:			
AIR FLOW MEASUREMENTS (Extract Air) - System 4 MVHR						
Room Reference	Design Air Flow	Measured Air Flow	Achieved	Design Air Flow	Measured Air Flow	Achieved
Location of Terminals	High Rate (l/s)	High Rate (l/s)	%	Continuous Trickle Rate (l/s)	Continuous Trickle Rate (l/s)	%
Kitchen	13.0	13.0	100%	10.0	10.0	100%
Bathroom	8.0	8.3	104%	6.0	6.3	105%
EnSuite	8.0	8.1	101%	5.0	6.1	122%
W/M Cupboard	8.0	8.2	103%	2.0	6.2	310%
Total	37.0	37.6		23.0	28.6	
Fan Speed - %		75%			60%	
AIR FLOW MEASUREMENTS (Supply Air) - System 4 MVHR						
Room Reference	Design Air Flow	Measured Air Flow	Achieved	Design Air Flow	Measured Air Flow	Achieved
Location of Terminals	High Rate (l/s)	High Rate (l/s)	%	Continuous Trickle Rate (l/s)	Continuous Trickle Rate (l/s)	%
Living	17.0	17.4	102%	9.0	10.5	117%
Bedroom 1	10.0	10.4	104%	7.0	7.3	104%
Bedroom 2	10.0	10.2	102%	6.0	6.2	103%
Total	37.0	38.0		22.0	24.0	
Fan Speed - %		76%			50%	
TEST EQUIPMENT						
	Make & Model Of Vane Anemometer		Serial Number	Date of last UKAS Calibration		
	Testo Large Vain Anometer		62046183	19/06/2020		
Engineers Pre-Commission Checks & Additional Comments:						
PRE-COMMISSION OBSERVATIONS:	Yes	No	N/a			
Is the fan unit securley fixed?	✓					
Is the condensate drain pipe fitted and secure?	✓					
Is the isolator in place and fan unit connected?	✓					
Are flexible connections to fan unit taught & mechanically fixed?	✓					
Are all air terminals in place?	✓					
Are flexible connections to air valves taught & mechanically fixed?	✓					
Have doors been undercut (10mm 760mm / 9mm 835mm)	✓					
CONCLUSIONS / COMMENTS:				Pass : Yes or No	Initial	
				Y	RM	
BPEC Competent Persons Scheme/ Registration No (if applicable):						
BPEC	Engineer: Richard Marshall	Unique No. Ref: 203760				
Air Quality Services Ltd Registered Office: Lincoln Road, Cressex Business Park, High Wycombe, Bucks HP12 3RH Company Reg: 02639467						
   						

Document Ref:	MVHR Airflow Commissioning (MVHR - Domestic Ventilation)		 www.airqualityservices.co.uk			
Project:	Kingsway, Moseley Road, Levenshulme, Manchester. M19 2LJ					
Client:	Read Cube Homes Ltd					
Date of Testing/Reading:	04/06/2021					
Level: Fourth Floor	Flat No. 24		Address: Beech Tree Court - 229 Moseley Road, Manchester, M19 2JT			
Fan Unit	Manufacturer:	Vectaire				
	Type/Model Ref:	WHHR MIDI BY				
		Fan Serial Number:				
AIR FLOW MEASUREMENTS (Extract Air) - System 4 MVHR						
Room Reference	Design Air Flow	Measured Air Flow	Achieved	Design Air Flow	Measured Air Flow	Achieved
Location of Terminals	High Rate (l/s)	High Rate (l/s)	%	Continuous Trickle Rate (l/s)	Continuous Trickle Rate (l/s)	%
Kitchen	13.0	13.0	100%	10.0	10.0	100%
Bathroom	8.0	8.2	103%	8.0	8.1	101%
EnSuite	8.0	8.1	101%	5.0	6.1	122%
W/M Cupboard	8.0	8.3	104%	2.0	6.4	320%
Total	37.0	37.6		25.0	30.6	
Fan Speed - %		72%			43%	
AIR FLOW MEASUREMENTS (Supply Air) - System 4 MVHR						
Room Reference	Design Air Flow	Measured Air Flow	Achieved	Design Air Flow	Measured Air Flow	Achieved
Location of Terminals	High Rate (l/s)	High Rate (l/s)	%	Continuous Trickle Rate (l/s)	Continuous Trickle Rate (l/s)	%
Living	13.0	13.1	101%	9.0	9.8	109%
Bedroom 1	12.0	12.2	102%	8.0	8.1	101%
Bedroom 2	12.0	12.1	101%	8.0	8.0	100%
Total	37.0	37.4		25.0	25.9	
Fan Speed - %		70%			43%	
TEST EQUIPMENT						
	Make & Model Of Vane Anemometer			Serial Number	Date of last UKAS Calibration	
	Testo Large Vain Anometer			62046183	19/06/2020	
Engineers Pre-Commission Checks & Additional Comments:						
PRE-COMMISSION OBSERVATIONS:		Yes	No	N/a		
Is the fan unit securley fixed?		✓				
Is the condensate drain pipe fitted and secure?		✓				
Is the isolator in place and fan unit connected?		✓				
Are flexible connections to fan unit taught & mechanically fixed?		✓				
Are all air terminals in place?		✓				
Are flexible connections to air valves taught & mechanically fixed?		✓				
Have doors been undercut (10mm 760mm / 9mm 835mm)		✓				
CONCLUSIONS / COMMENTS:					Pass : Yes or No	Initial
					Y	RM
BPEC Competent Persons Scheme/ Registration No (if applicable):						
BPEC	Engineer: Richard Marshall		Unique No. Ref: 203760			
Air Quality Services Ltd Registered Office: Lincoln Road, Cressex Business Park, High Wycombe, Bucks HP12 3RH Company Reg: 02639467						
		   				

Document Ref:	MVHR Airflow Commissioning (MVHR - Domestic Ventilation)		 AIR QUALITY SERVICES www.airqualityservices.co.uk			
Project:	Kingsway, Moseley Road, Levenshulme, Manchester. M19 2LJ					
Client:	Read Cube Homes Ltd					
Date of Testing/Reading:	04/06/2021					
Level: Fourth Floor	Flat No. 25		Address: Beech Tree Court - 229 Moseley Road, Manchester, M19 2JT			
Fan Unit	Manufacturer:	Vectaire				
	Type/Model Ref:	WHHR MIDI BY				
		Fan Serial Number:				
AIR FLOW MEASUREMENTS (Extract Air) - System 4 MVHR						
Room Reference	Design Air Flow	Measured Air Flow	Achieved	Design Air Flow	Measured Air Flow	Achieved
Location of Terminals	High Rate (l/s)	High Rate (l/s)	%	Continuous Trickle Rate (l/s)	Continuous Trickle Rate (l/s)	%
Kitchen	13.0	13.1	101%	10.0	10.2	102%
Bathroom	8.0	8.0	100%	6.0	6.1	102%
EnSuite	8.0	8.0	100%	4.0	6.0	150%
W/M Cupboard	8.0	8.2	103%	1.0	6.3	630%
Total	37.0	37.3		21.0	28.6	
Fan Speed - %		72%			57%	
AIR FLOW MEASUREMENTS (Supply Air) - System 4 MVHR						
Room Reference	Design Air Flow	Measured Air Flow	Achieved	Design Air Flow	Measured Air Flow	Achieved
Location of Terminals	High Rate (l/s)	High Rate (l/s)	%	Continuous Trickle Rate (l/s)	Continuous Trickle Rate (l/s)	%
Living	17.0	17.0	100%	9.0	10.1	112%
Bedroom 1	10.0	10.0	100%	6.0	6.2	103%
Bedroom 2	10.0	10.2	102%	5.0	6.3	126%
Total	37.0	37.2		20.0	22.6	
Fan Speed - %		83%			55%	
TEST EQUIPMENT						
	Make & Model Of Vane Anemometer		Serial Number	Date of last UKAS Calibration		
	Testo Large Vain Anometer		62046183	19/06/2020		
Engineers Pre-Commission Checks & Additional Comments:						
PRE-COMMISSION OBSERVATIONS:	Yes	No	N/a			
Is the fan unit securley fixed?	✓					
Is the condensate drain pipe fitted and secure?	✓					
Is the isolator in place and fan unit connected?	✓					
Are flexible connections to fan unit taught & mechanically fixed?	✓					
Are all air terminals in place?	✓					
Are flexible connections to air valves taught & mechanically fixed?	✓					
Have doors been undercut (10mm 760mm / 9mm 835mm)	✓					
CONCLUSIONS / COMMENTS:				Pass : Yes or No	Initial	
				Y	RM	
BPEC Competent Persons Scheme/ Registration No (if applicable):						
BPEC	Engineer: Richard Marshall	Unique No. Ref: 203760				
Air Quality Services Ltd Registered Office: Lincoln Road, Cressex Business Park, High Wycombe, Bucks HP12 3RH Company Reg: 02639467						
   						

Document Ref:	MVHR Airflow Commissioning (MVHR - Domestic Ventilation)		 AIR QUALITY SERVICES www.airqualityservices.co.uk			
Project:	Kingsway, Moseley Road, Levenshulme, Manchester. M19 2LJ					
Client:	Read Cube Homes Ltd					
Date of Testing/Reading:	04/06/2021					
Level: Fourth Floor	Flat No. 26		Address: Beech Tree Court - 229 Moseley Road, Manchester, M19 2JT			
Fan Unit	Manufacturer:	Vectaire				
	Type/Model Ref:	WHHR MIDI BY				
		Fan Serial Number:				
AIR FLOW MEASUREMENTS (Extract Air) - System 4 MVHR						
Room Reference	Design Air Flow	Measured Air Flow	Achieved	Design Air Flow	Measured Air Flow	Achieved
Location of Terminals	High Rate (l/s)	High Rate (l/s)	%	Continuous Trickle Rate (l/s)	Continuous Trickle Rate (l/s)	%
Kitchen	13.0	13.1	101%	9.0	10.1	112%
Bathroom	8.0	8.0	100%	6.0	6.0	100%
EnSuite	8.0	8.3	104%	5.0	6.3	126%
W/M Cupboard	8.0	8.2	103%	2.0	6.1	305%
Total	37.0	37.6		22.0	28.5	
Fan Speed - %		78%			58%	
AIR FLOW MEASUREMENTS (Supply Air) - System 4 MVHR						
Room Reference	Design Air Flow	Measured Air Flow	Achieved	Design Air Flow	Measured Air Flow	Achieved
Location of Terminals	High Rate (l/s)	High Rate (l/s)	%	Continuous Trickle Rate (l/s)	Continuous Trickle Rate (l/s)	%
Living	17.0	17.1	101%	9.0	10.2	113%
Bedroom 1	10.0	10.4	104%	7.0	6.3	90%
Bedroom 2	10.0	10.2	102%	5.0	6.3	126%
Total	37.0	37.7		21.0	22.8	
Fan Speed - %		76%			50%	
TEST EQUIPMENT						
	Make & Model Of Vane Anemometer			Serial Number	Date of last UKAS Calibration	
	Testo Large Vain Anometer			62046183	19/06/2020	
Engineers Pre-Commission Checks & Additional Comments:						
PRE-COMMISSION OBSERVATIONS:		Yes	No	N/a		
Is the fan unit securley fixed?		✓				
Is the condensate drain pipe fitted and secure?		✓				
Is the isolator in place and fan unit connected?		✓				
Are flexible connections to fan unit taught & mechanically fixed?		✓				
Are all air terminals in place?		✓				
Are flexible connections to air valves taught & mechanically fixed?		✓				
Have doors been undercut (10mm 760mm / 9mm 835mm)		✓				
CONCLUSIONS / COMMENTS:					Pass : Yes or No	Initial
					Y	RM
BPEC Competent Persons Scheme/ Registration No (if applicable):						
BPEC	Engineer: Richard Marshall		Unique No. Ref: 203760			
Air Quality Services Ltd Registered Office: Lincoln Road, Cressex Business Park, High Wycombe, Bucks HP12 3RH Company Reg: 02639467						
		   				

Document Ref:	MVHR Airflow Commissioning (MVHR - Domestic Ventilation)					
Project:	Kingsway, Moseley Road, Levenshulme, Manchester. M19 2LJ					
Client:	Read Cube Homes Ltd					
Date of Testing/Reading:	04/06/2021					
Level: Fourth Floor	Flat No. 27		Address: Beech Tree Court - 229 Moseley Road, Manchester, M19 2JT			
Fan Unit	Manufacturer:	Vectaire				
	Type/Model Ref:	WHHR MIDI BY				
		Fan Serial Number:				
AIR FLOW MEASUREMENTS (Extract Air) - System 4 MVHR						
Room Reference	Design Air Flow	Measured Air Flow	Achieved	Design Air Flow	Measured Air Flow	Achieved
Location of Terminals	High Rate (l/s)	High Rate (l/s)	%	Continuous Trickle Rate (l/s)	Continuous Trickle Rate (l/s)	%
Kitchen	13.0	13.5	104%	8.0	9.5	119%
Bathroom	8.0	8.3	104%	7.0	7.0	100%
EnSuite	8.0	8.4	105%	5.0	6.3	126%
W/M Cupboard	8.0	8.2	103%	2.0	6.3	315%
Total	37.0	38.4		22.0	29.1	
Fan Speed - %		74%			57%	
AIR FLOW MEASUREMENTS (Supply Air) - System 4 MVHR						
Room Reference	Design Air Flow	Measured Air Flow	Achieved	Design Air Flow	Measured Air Flow	Achieved
Location of Terminals	High Rate (l/s)	High Rate (l/s)	%	Continuous Trickle Rate (l/s)	Continuous Trickle Rate (l/s)	%
Living	17.0	17.4	102%	8.0	9.3	116%
Bedroom 1	10.0	10.4	104%	8.0	8.0	100%
Bedroom 2	10.0	10.3	103%	5.0	6.2	124%
Total	37.0	38.1		21.0	23.5	
Fan Speed - %		75%			50%	
TEST EQUIPMENT						
	Make & Model Of Vane Anemometer			Serial Number	Date of last UKAS Calibration	
	Testo Large Vain Anometer			62046183	19/06/2020	
Engineers Pre-Commission Checks & Additional Comments:						
PRE-COMMISSION OBSERVATIONS:		Yes	No	N/a		
Is the fan unit securley fixed?		✓				
Is the condensate drain pipe fitted and secure?		✓				
Is the isolator in place and fan unit connected?		✓				
Are flexible connections to fan unit taught & mechanically fixed?		✓				
Are all air terminals in place?		✓				
Are flexible connections to air valves taught & mechanically fixed?		✓				
Have doors been undercut (10mm 760mm / 9mm 835mm)		✓				
CONCLUSIONS / COMMENTS:					Pass : Yes or No	Initial
					Y	RM
BPEC Competent Persons Scheme/ Registration No (if applicable):						
BPEC	Engineer: Richard Marshall		Unique No. Ref: 203760			
Air Quality Services Ltd Registered Office: Lincoln Road, Cressex Business Park, High Wycombe, Bucks HP12 3RH Company Reg: 02639467						
   						