

MECHANICAL, ELECTRICAL AND PUBLIC HEALTH SERVICES SPECIFICATION
SECTION 2 - MECHANICAL SPECIFICATION & APPENDICES



FAN SCHEDULE

REFERENCE	EF/00/01	MVHR/101, MVHR/201, MVHR/301, MVHR/401, MVHR/501, MVHR/601, MVHR/603, MVHR/701	MVHR/103, MVHR/302, MVHR/502, MVHR/503, MVHR/602, MVHR/702	MVHR/102, MVHR/302, MVHR/402	
LOCATION	GROUND FLOOR – BIN STORE	VARIOUS UNITS IN HALLWAY/LIVING ROOM CUPBOARDS	VARIOUS UNITS IN HALLWAY CUPBOARD	UNITS IN BEDROOM CUPBOARD	
MAKE/MODEL	NUAIRE – AVT1	NUAIRE – MRXBOX9SAB-WM1	NUAIRE – MRXBOXAB-ECO2	NUAIRE – MRXBOXAB-ECO2-AE	
QUANTITY	1	8	6	3	
DUTY	L/S	150	VARIES SEE DRAWINGS	VARIES SEE DRAWINGS	
RESISTANCE	PA	50	VARIES	VARIES	
SPEED CONTROLLED	YES/NO	YES	YES	YES	
SPECIFIC FAN POWER	W/(L/S)	0.4	VARIES	VARIES	
MOTOR INPUT POWER	KW	0.058	-	-	
ELECTRICAL SUPPLY		230 V 50 HZ SINGLE PHASE	230 V 50 HZ SINGLE PHASE	230 V 50 HZ SINGLE PHASE	
NOMINAL MOTOR RATING	KW	0.085	-	-	
MOTOR CURRENT (FLC)	A	0.75	1.2	1.2	
MOTOR CURRENT (SC)	A	0.75	-	-	
WEIGHT	KG	46	20	45	
BREAKOUT NOISE @ 3M	DBA	20	-	-	
SOUND POWER INDUCT		INLET	OUTLET	INLET	OUTLET
	63	73	75	-	-
	125	68	71	-	-
	250	62	63	-	-
	500	63	63	-	-
	1K	59	63	-	-
	2K	56	59	-	-
	4K	52	53	-	-

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8K	50	51	-	-	-	-	-	-
ANCILLARIES PER FAN	FLEXIBLE CONNECTORS AV MOUNTS		6 X MRXBOX-AV2 - ANTI-VIBRATION MOUNTING KIT		ACOUSTICALLY ENCLOSED WALL MOUNTED MULTI-ROOM HEAT RECOVERY			

REFERENCE	MVHR/303				
LOCATION	BATHROOM CEILING MOUNTED				
MAKE/MODEL	NUIAIRE – MRXBOXAB-ECO-LP2				
QUANTITY	1				
DUTY	SEE DRAWINGS				
RESISTANCE	-				
SPEED CONTROLLED	YES/NO				
SPECIFIC FAN POWER	W/(L/S)				
MOTOR INPUT POWER	KW	0.152			
ELECTRICAL SUPPLY		230 V 50 HZ SINGLE PHASE			
NOMINAL MOTOR RATING	KW	-			
MOTOR CURRENT (FLC)	A	1.2			
MOTOR CURRENT (SC)	A	-			
WEIGHT	KG	37			
BREAKOUT NOISE @ 3M	DBA	-			
SOUND POWER INDUCT		INLET	OUTLET		
	63	-	-		
	125	-	-		
	250	-	-		
	500	-	-		
	1K	-	-		

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	2K	-	-
	4K	-	-
	8K	-	-
ANCILLARIES PER FAN			

Notes

- All fans shall be supplied by Nuaira; contact David Frimpong 07767298115/david.frimpong@nuaira.co.uk
- All MVHR units shall be supplied with a NOX filter and pre-particle filter by Vortice on intake duct.