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807 MVHR UNIT SCHEDULE

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MVHR UNIT SCHEDULE

REFERENCE	Level	Room	ROOM NR GUIDE (NR)	Manufacturer	MODEL	Filter Withdrawal	AIR VOL FOR EACH UNIT (l/s)	External Resistance (Pa)	DIMENSIONS LxWxD (mm)	WEIGHT (kg)	Fan Power (W/l/s)	ELECTRICAL SUPPLY		
												PHASE	MCA (Amps)	POWER (kW)
MVHR-00-01	L00	Amenity	35	Nuaire	XBC45HA-EHN-C-LB1S	Side	161	170	658 x 623 x 488	242	0.90	3	24.60	0.1449
MVHR-01-01	L01	Studio	25	Nuaire	XBC45HA-EHN-C-LB1S	Side	45	170	658 x 623 x 488	242	1.40	3	1.32	0.063
MVHR-01-02	L01	Studio	25	Nuaire	XBC45HA-EHN-C-LB1S	Side	45	175	658 x 623 x 488	242	1.50	3	1.32	0.0675
MVHR-01-03	L01	Studio	25	Nuaire	XBC45HA-EHN-C-LB1S	Side	45	165	1973 x 1262 x 405	242	1.40	3	1.32	0.063
MVHR-02-01	L02	Studio	25	Nuaire	XBC45HA-EHN-C-LB1S	Side	45	170	1973 x 1262 x 405	242	1.40	3	1.32	0.063
MVHR-02-02	L02	Studio	25	Nuaire	XBC45HA-EHN-C-LB1S	Side	45	165	1973 x 1262 x 405	242	1.40	3	1.32	0.063
MVHR-02-03	L02	Studio	25	Nuaire	XBC45HA-EHN-C-LB1S	Side	45	165	1973 x 1262 x 405	242	1.40	3	1.32	0.063
MVHR-03-01	L03	Studio	25	Nuaire	XBC45HA-EHN-C-LB1S	Side	30	130	1973 x 1262 x 405	242	1.10	3	1.32	0.033
MVHR-03-02	L03	Studio	25	Nuaire	XBC45HA-EHN-C-LB1S	Side	45	165	1973 x 1262 x 405	242	1.40	3	1.32	0.063
MVHR-03-03	L03	Bedroom	25	Nuaire	XBC45HA-EHN-C-LB1S	Side	54	190	1973 x 1262 x 405	242	1.60	3	1.32	0.0864

Notes:

1. MVHR Unit details to be finalised on selection and approval of manufacturer including controls, piping etc.
2. All equipment must be submitted to the design team for approval prior to any procurement.
3. The contractor must ensure units selected are suitable and maximum pipe lengths are not exceeded.
4. Location of room controllers and central MVHR controller to be confirmed with client prior to installation.
5. MVHR units to be manufactured to all current British and European Standards.
6. All units selected at low/low-medium speed.
7. Condensate pans are to be provided with factory assembled.
8. The drain pan to be of stainless steel construction with nonferrous connections and fully insulated.
9. All filters to be cleaned or replaced after final commissioning.
10. MVHR units to be selected to meet the room noise criteria noted for the area served.
11. All seasonal efficiency shall be tested to EN14825.
12. All units shall be Eurovent certified
13. MVHR unit vendor shall install all interconnecting wiring
14. MVHR units shall be accessed from underside
15. MVHR units to be manufactured by Carrier or equal and approved