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Whilst the information given on this data sheet is fan specific, it is in summary and reference to the product selection catalogue and installation & maintenance documents is recommended.

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## Technical Data

**MRXBOX95-LP - Low Profile Multi Room Xbox**  
 Fan Code: **MRXBOXAB-ECO-LP2**  
 Installation Manual Links: 671875

Nominal Fan Speed: 3,750 RPM  
 Electrical Supply: 230V 1 Phase 50 Hz  
 Nominal Motor Rating: 0.152 kW  
 Motor Current (flc): 1.2 A  
 Max. operating temp: 40°C  
 Weight: 37 kg  
 Starting currents are nominal.

## Sound Data

Acoustic performance to ISO 13347 and AMCA 300.

Noise calculated speed controlled to required duty (100%)

Sound Power Levels re 1 pWatts (Hz):

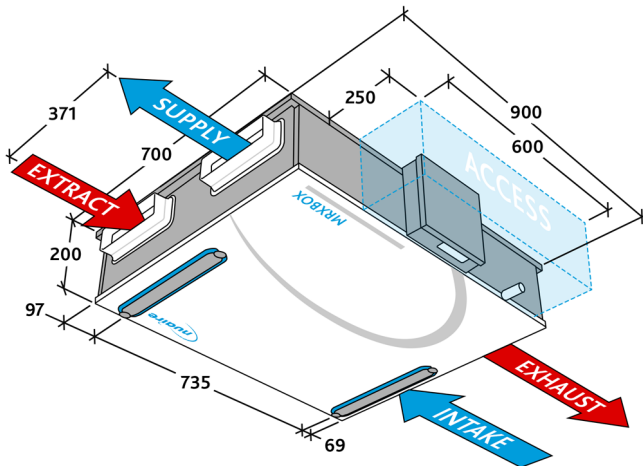
Hz	63	125	250	500	1k	2k	4k	8k	dBA
Breakout	60	63	64	62	52	45	35	29	43
Open Inlet (Intake & Extract)	53	47	53	50	42	43	31	23	
Open Outlet (Supply & Exhaust)	56	51	63	66	63	63	54	46	

dBA is hemi-spherical at 3 metres. For spherical deduct 3 dBA.

Please note that the noise data stated on this data sheet for the unit and/or silencer is tested in accordance with UK, European and International industry laboratory standards. However onsite conditions may vary and we would recommend that this information is verified by an acoustic specialist in order to ensure its suitability for the intended application.

## Fan Dimensions

SPIGOT CONFIGURATION SHOWN IS VALID FOR THE STANDARD HANDED UNIT ONLY. OPPOSITE HANDED UNIT IS ALSO AVAILABLE UPON REQUEST.

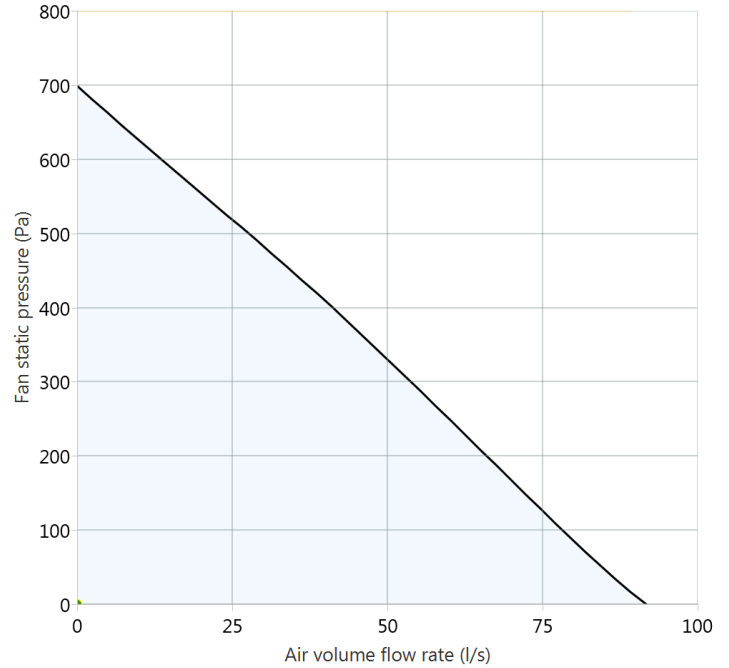


Length: 900  
 Width: 700  
 Height: 200

Spigot size: 204x60  
 Duct size: 204 x 60

Drawing is for dimensional purposes only. Dimensions in mm

## Performance Chart



## Specification

The unit shall be manufactured from galvanised sheet steel with a white, pre-painted removable access panel. The unit shall be fully insulated providing excellent thermal and acoustic characteristics and shall be complete with a multi plate, aluminium, counter flow high efficiency heat exchanger block, with a thermal efficiency of up to 79%. The heat exchanger shall be protected by G3 grade filters on fresh air inlet and system extract. The heat exchanger and filters shall be accessible via the underside access panels, enabling quick and easy maintenance. The unit shall have a maximum depth of 200mm to fit within ceiling void restrictions. The unit shall have low energy, high efficiency EC fan/motor assemblies with sealed for life bearings, and the impellers shall be backward curved centrifugal type. The motors shall be suitable of an ambient temperature of 40°C. Motor assemblies shall be removable from the underside of the unit and will not require the unit to be removed from situ. The unit shall be supplied complete with a condensate drip tray and 21.5mm drain connection. The unit shall be suitable for 204x60mm rectangular ducting. The breakout noise level and power requirements shall be as detailed by the unit manufacturer and in accordance with the ventilation equipment schedule. The unit shall be fitted with 100% summer bypass as standard. The bypass opens automatically when outside temperature exceeds 20°C. This shall open the damper via an actuator. Outside air supplied through the bypass shall be filtered, so the air quality is optimal, irrespective of the bypass setting (open or closed). The unit shall have an integral frost protection facility by switching the supply fan off below temperatures of -5°C.

## SAP Appendix Q Test Results

Application	Specific Fan Power (W/l/s)	Heat Exchange Efficiency %
Kitchen + 1 wet room	0.48	78%
Kitchen + 2 wet rooms	0.61	79%
Kitchen + 3 wet rooms	0.77	79%
Kitchen + 4 wet rooms	1.01	79%
Kitchen + 5 wet rooms	1.26	79%