

# MRXBOX-FF4

## First Fix Plenum Chamber

For use in conjunction with MRXBOXAB-ECO4 MVHR units  
Installation and Maintenance



### 1.0 Introduction

Nuaire's MRXBOX-FF4 is designed for use with MRXBOXAB-ECO4 MVHR units. The product offers a first fix installation solution; in addition the multiple spigot positions simplify ducting layouts. Each chamber is fully lined with acoustic foam offering excellent noise reduction.

### 2.0 General Installation

**Installation must be carried out by competent personnel in accordance with the appropriate authority and conforming to all statutory governing regulations.**

Please note a clear working space is required around the MRXBOXAB-ECO4 installed unit to allow the cover to be removed and provide sufficient access for maintenance such as filter change. Please allow a minimum of 480mm in front of the unit.

The fan must be installed indoors, on a suitable wall away from direct sources of frost, heat, water spray or moisture generation.

For a vibration-free result the unit must be mounted to a solid wall.

**For more detailed information on structural and installation requirements of the MRXBOX(AB)-ECO4 unit please refer to the installation documents supplied with the MVHR unit and also MRXBOX-AV4 for wall mounting details.**

### 2.1 Ducting

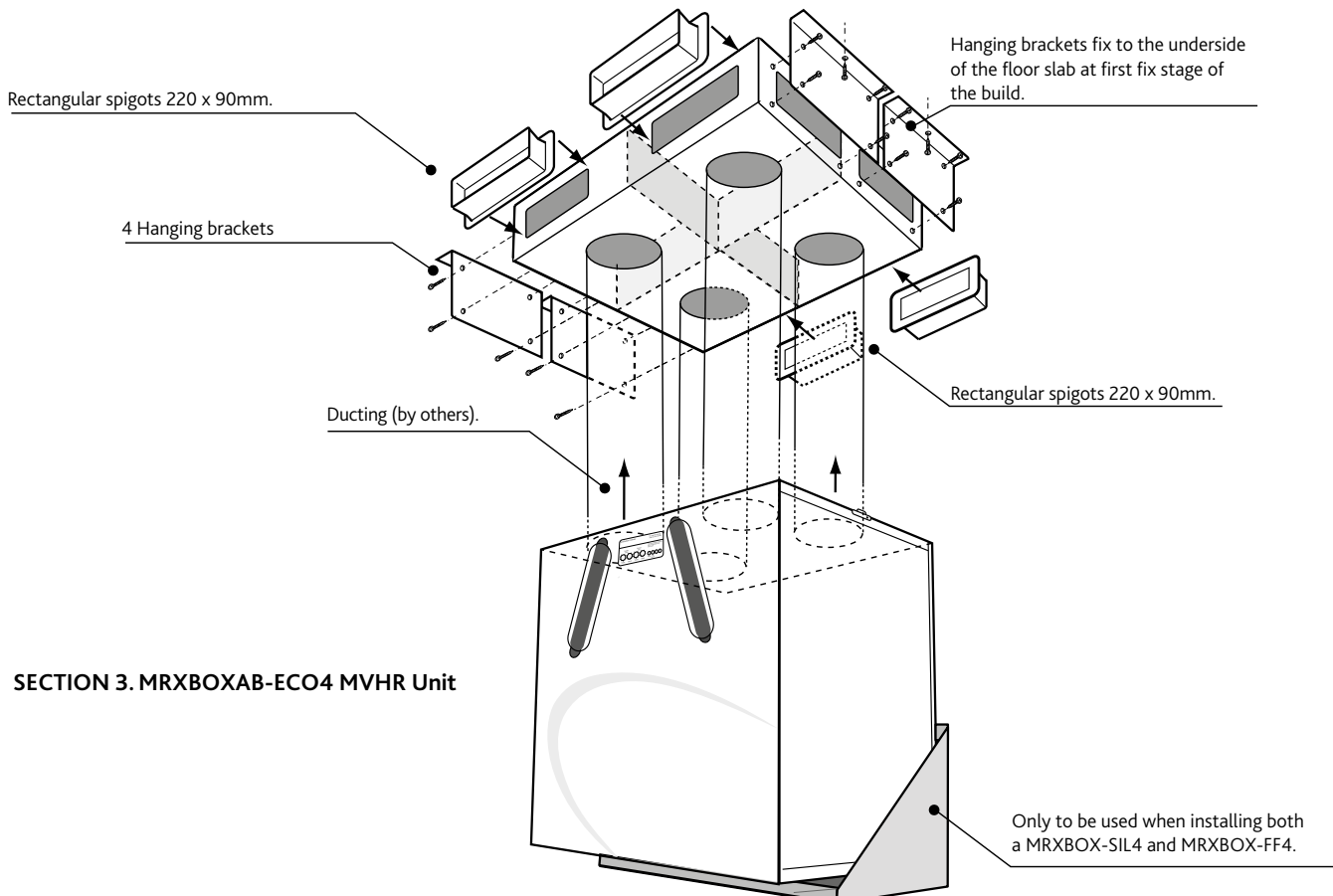
The metal knock outs and foam lining should be removed from any positions that are to be ducted (see fig. 1), the 220mm x 90mm spigots supplied can then be fitted to these locations using the self-tapping fixings supplied. If no spigot is to be fitted the knock out and foam should be left in place and the area blanked off using the hanging brackets and self-tapping screws supplied.

The remaining 200mm diameter spigots should be fitted to the underside of the unit using self-tapping screws supplied.

**Note: A bead of silicone must be applied to the perimeter of all spigots and hanging brackets fitted to prevent leakage.**

Figure 1. Units And Components Required To Create The Acoustic Solution And Ducting For Wall Mounted MRXBOXAB-ECO4 MVHR Units

#### SECTION 1. First Fix Plenum Chamber (Code:MRXBOX-FF4)



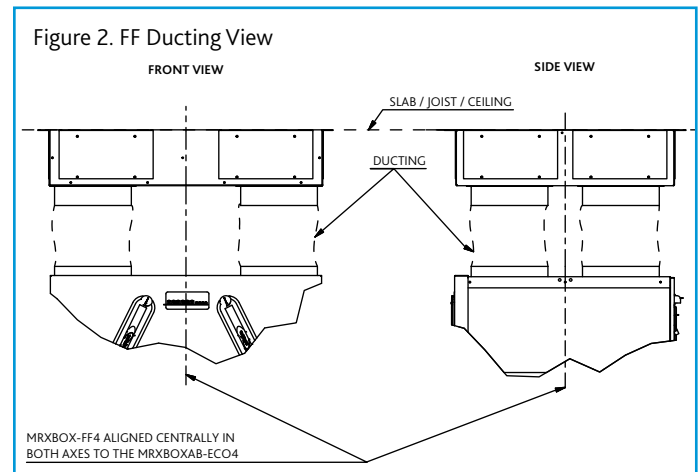
# Installation and Maintenance

## First Fix Plenum for MRXBOXAB-ECO4

### 2.2 Final Installation

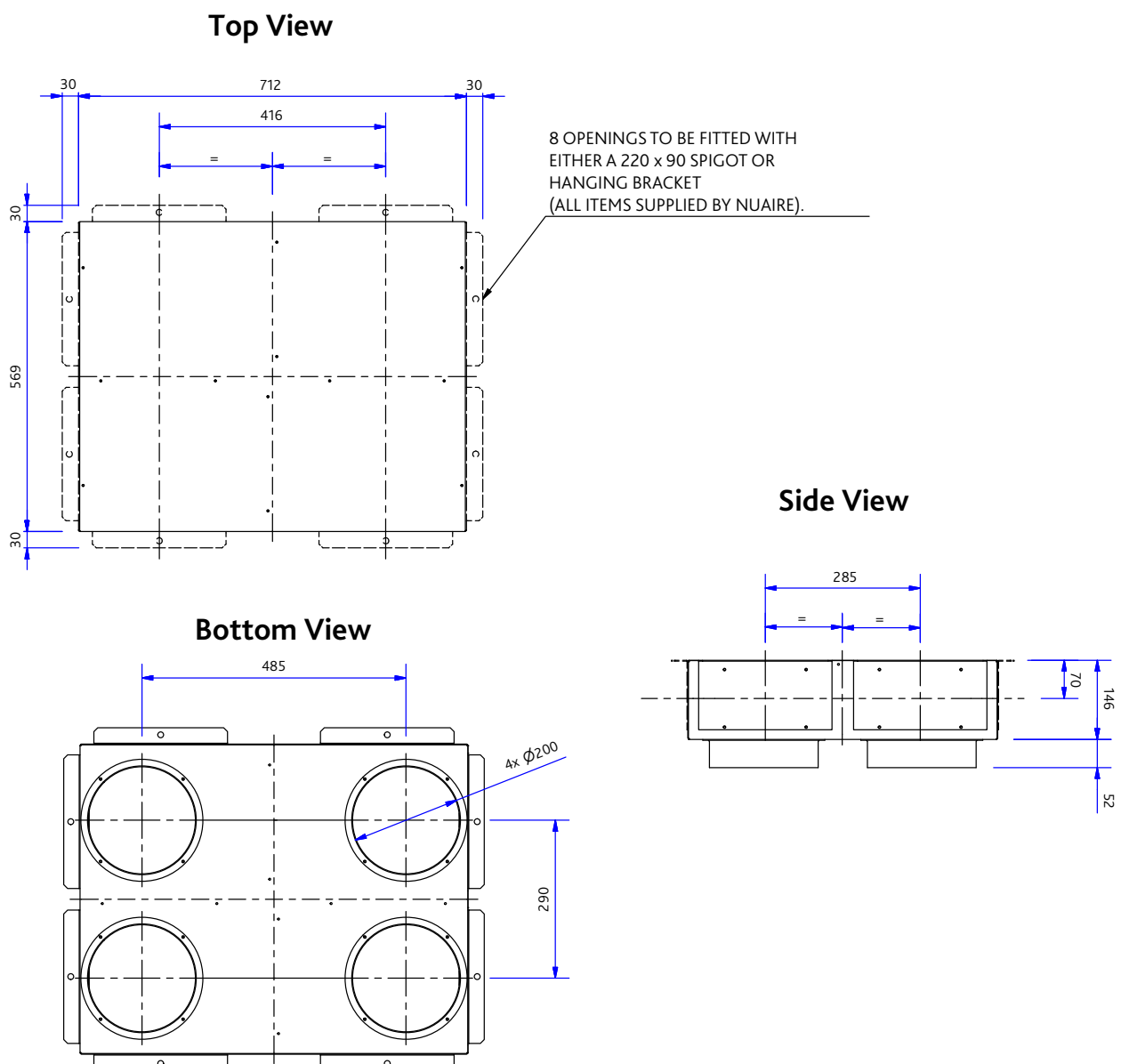
The MRXBOX-FF4 should be secured to the slab/joists/ceiling using appropriate fixings (fixings supplied by others), it should be aligned centrally in both axes (see fig. 2) to the corresponding MVHR unit being connected to minimise misalignment between the ducts.

Appropriate ducting should then be used to connect the MRXBOX-FF4 to MRXBOXAB-ECO4 or ancillary MRXBOX-SIL4 if used, suitable clearance should be allowed around any connecting ducting passing through the ceiling to prevent vibration being transferred to the building structure.



### 3.0 Dimensions

Figure 3. MRXBOX-FF4 Dimensions



## 4.0 Replacement of Parts

Should any component need replacing, Nuaire keep extensive stocks for quick delivery. Ensure that the unit is electrically isolated before carrying out any work. When ordering spare parts, please quote the serial number of the unit and the ARC number of the purchase, if possible.

**This information will be available on the fan label.**

## 5.0 Warranty

The 5 year warranty starts from the day of delivery and includes parts and labour for the first year and parts only for the remaining 4 years.

This warranty is void if the equipment is modified without authorisation, is incorrectly applied, misused, disassembled, or not installed, commissioned and maintained in accordance with the details contained in this manual and general good practice.

The product warranty applies to the UK mainland and in accordance with Clause 14 of our Conditions of Sale. Customers purchasing from outside of the UK should contact Nuaire International Sales office for further details.

## 6.0 After Sales

For technical assistance or further product information, including spare parts and replacement components, please contact the After Sales Department.

**Telephone 02920 858 400**  
**[aftersales@nuaire.co.uk](mailto:aftersales@nuaire.co.uk)**

Technical or commercial considerations may, from time to time, make it necessary to alter the design, performance and dimensions of equipment and the right is reserved to make such changes without prior notice.