

Manual Supplement


Manual Title:	molbox™ RFM™ Operation and Maintenance		
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This supplement contains information necessary to ensure the accuracy of the above manual.



Change #1, 389, 505

On page 2, add the following **Symbols** table & **Radio Frequency** sections prior to the **Specifications**:

Symbol	Description
	Conforms to relevant South Korean EMC Standards.

Radio Frequency

The Product demonstrated susceptibility to radiated RF fields of <1 V/m at 167 MHz <3 V/m at 116 MHz and 643 MHz. This product is a high-performance pressure and gas flow standard to be used under controlled laboratory conditions. The accuracy of the Product may be influenced by location and any combination of external cable connections. Take care to select a location to avoid RF fields >0.75 V/m from 100 MHz to 700 MHz and use shielded cables and connections or limit their use.

On page 2, replace Power Requirements and add:

- Power Requirements** 115/230 V ac, 50/60 Hz, 20 VA (Mains supply voltage fluctuations are not to exceed +10 % - 15 % of the nominal supply voltage)
- Humidity**..... Maximum relative humidity 80 % for temperatures up to 31 °C, decreasing linearly to 50 % relative humidity up to 40 °C
- Altitude**..... ≤ 2000 m

On page 3, under **General Specifications** remove **CE Conformance** and add:

- Safety** IEC 61010-1: Installation Category II, Pollution Degree 2

Electromagnetic Compatibility (EMC)

- International..... IEC 61326-1: Controlled Electromagnetic Environment
IEC 61326-2-1; CISPR 11: Group 1, Class A

Group 1: Equipment has intentionally generated and/or uses conductively-coupled radio frequency energy that is necessary for the internal function of the equipment itself.

Class A: Equipment is suitable for use in all establishments other than domestic and those directly connected to a low-voltage power supply network that supplies buildings used for domestic purposes. There may be potential difficulties in ensuring electromagnetic compatibility in other environments due to conducted and radiated disturbances.

Caution: This equipment is not intended for use in residential environments and may not provide adequate protection to radio reception in such environments.

Emissions that exceed the levels required by CISPR 11 can occur when the equipment is connected to a test object.

- Korea (KCC) Class A Equipment (Industrial Broadcasting & Communication Equipment)

Class A: Equipment meets requirements for industrial electromagnetic wave equipment and the seller or user should take notice of it. This equipment is intended for use in business environments and not to be used in homes.

- USA (FCC) 47 CFR 15 subpart B. This product is considered an exempt device per clause 15.103.

On page 1, add the following **Warnings**:

 Warning

To prevent possible electrical shock, fire, or personal injury:

- **Read all safety information before you use the Product.**
- **Do not alter the Product and use only as specified, or the protection supplied by the Product can be compromised.**
- **Do not use the Product if it operates incorrectly.**
- **Use this Product indoors only.**
- **Use only the mains power cord and connector approved for the voltage and plug configuration in your country and rated for the Product.**

On page 33, add the following **Warnings**:

 Warning

To prevent possible electrical shock, fire, or personal injury:

- **Connect an approved three-conductor mains power cord to a grounded power outlet.**
- **Do not put the Product where access to the mains power cord is blocked.**
- **Do not touch exposed metal on banana plugs, they can have voltages that could cause death.**
- **Make sure that the Product is grounded before use.**

On page 151, add the following **Warning**:

 Warning

To prevent possible electrical shock, fire, or personal injury:

- **Disconnect the mains power cord before you remove the Product covers.**