DESCRIPTION

PRODUCT COVERED:

USR, Component - Appliance Filter, Models FMAC-0952-H330 and FMAC-0956-H310.

**GENERAL:**
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These devices are EMI filters intended for incorporation in appliances. They are housed in a metal housing and incorporate with terminals for factory ***wiring.**

ELECTRICAL RATING:

| Model | Voltage Rating (V ac) | **Phases** | Current Rating (A) | Frequency (Hz) | Maximum Ambient Temp (°C) |
|---|---|---|---|---|---|
| *FMAC-0952-H330 | **480/277** | **3** | 250 | 50/60 | 40 |
| *FMAC-0956-H310 | **480/277** | **3** | 250 | 50/60 | 40 |

ENGINEERING CONSIDERATIONS (NOT FOR UL REPRESENTATIVE USE):

**USR indicates the filters have been evaluated to the Standard for Electromagnetic Interference Filters, UL 1283, Sixth Edition.**

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* The components covered by this report are filter assemblies intended to be used in end-use products where the acceptability of the combination has been determined by **UL LLC.**

CONDITIONS OF ACCEPTABILITY:

Use – For use only in equipment the acceptability of the combination has been determined by Underwriters Laboratories Inc. The following items should be considered in the end use product.

1. The filter shall be installed within an overall enclosure suitable for the end product application.

2. The filter shall be installed in compliance with the mounting, terminal, spacing and segregation of the end application.

3. Leakage current measurements were conducted for reference only and not exceeded 0.5mA. The leakage current in the end application shall be considered.

4. Spacings between terminals and dead metal parts shall comply with the end product requirements.

5. The terminals have not been evaluated for field wiring. The acceptability of the grounding terminal should be determined in the end-product.

*6. **The components were submitted and evaluated at a maximum manufacturer's recommended ambient as indicated in the Electrical Ratings Table. The need for additional testing if these devices are used above this rating shall be considered in the end-use application.**

*7. **The Abnormal Operation/Limited Short Circuit Test (UL 1283, Cl. 32; CSA C22.2 No. 8, Cl. 6.14) was performed on the following models using a short circuit current and fuse rating as indicated below.**

| Model | Represented Models | Test Current, A | Fuse rating, A |
|---|---|---|---|
| FMAC-0956-H310 | FMAC-0952-H330<br>FMAC-0956-H310 | 5000 | 325 |