

## AIRWAVE Bulletin Product Development & Engineering

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To: All Distributors  
All Reps  
All Mitsubishi Electric Cooling & Heating Staff

Subject: **New Control Interface for M-Series Available**

The new MAC-333IF-E System Control Interface is now in stock replacing the MAC-397IF MA contact terminal interface and the MAC-399IF M-NET control adaptor.

MAC-333IF functions include:

- Supplemental heat control using the signal status output (additional 12VDC power supply and 12VDC relay required).
  - Enables additional heat source when the heat pump is in heating mode and space temperature drops 4.5° F below setpoint.
  - Output relay may also be used for unit status, humidifier interlock, etc. (additional 12VDC relay required).
- M-NET adapter function with address setting capability.
- Allows for use of MHK1 with M-NET connection and/or backup heat control function at the same time and provides a connector for MHK1 (CN560 works like CN105). Additional 12 VDC power supply is required.
- Remote ON/OFF through external inputs/output via key card, remote relay, etc.
- Allows use of MA controllers with M-Series indoor units.
- Auto restart function.

The list price of the MAC-333IF-E is \$310 and the CN24RELAY KIT-CM3 (needed for supplemental heat operation) remains \$55.

Please review the important [App Note here](#) before installing the MAC-333IF-E System Control Interface. The [instruction manual](#) is available on [LinkDrive](#) and, for Mitsubishi Electric staff, on the R drive.

If you have any questions about the installation or programming functions, contact your local Mitsubishi Electric Cooling & Heating controls engineer.

