

M-SERIES EO and Test Run Information

The information and procedures listed below come from any of the service, installation, and operation manuals that can be found on

www.mylinkdrive.com

1. The M-series units have only a few ways to control test run operation. The first way is with the EOSW (emergency operation switch). This switch is located under the filter panel or on the front lower right of the indoor unit. This will enable a test of cooling or heating depending on how many times the button (switch) is pushed. If you push the button once it will run for cooling in a fixed operation for 30 minutes. If you push the button twice it will run in heating if the unit is a heat pump. If you push the button a third time this will cancel the operation of the unit. At that point all LED's on the IC will go off.
2. The next possibility would be if you have a wired controller on the system. The SEZ, SLZ, and if you use a MAC-333IF-E allows for connecting a wired controller. The controller will give the ability to run a test run procedure. The PAR-21MAAU (if available), PAR-31MAA, and the MHK1 (wireless) controllers all have test run functions.
 - a. With the MHK1 to use test run you will have to push the up and down arrows on the front of the controller at the same time. This will get you to the test section of the

controller. Your display should read a 02 on the left of the screen with a smaller 1 on the right. If you push the next button until it goes to a 50 on the left you will have choices to change on the right (default is 0). If you use the up or down arrow to change the number it will go from 0 to 1 then to 2. When the right digit is set to 1 it will be a test of cooling. If it is set to 2 it will be a test of heat. This function will last for 30 minutes as you test the unit. Once finished you will need to push done and that will go back to the main display screen.

- b. With the PAR-21MAAJ (if available) on the front of the controller there is a test button. If you push the button 2 times in a row, this will select or run the unit in test. The unit will run in test run for a 2 hour period. You will have the ability to adjust (change) mode. When you are in test the vane operation can also be tested. Once you have finished your test you will need to push the power (on/off) button to reset or stop test mode.
 - c. The PAR-31MAA has test run, it will be displayed in the SERVICE menu. Once you locate the TEST RUN function can select it. It will give you two options. You can select a test of the drain pump if the unit has one. Then you can select test of the equipment, you will be able to select mode, vane position, and fan speed. The test function lasts for 2 hours, to exit you can push the power (on/off) button or wait the 2 hours.
3. The wall mount units that come with a handheld controller do not have the test function on the controller. If the

controller does have the test function on it you would push it twice to enable test. The only handheld controller that has this function is the PAR-FL32, which is widely used for P-series not the M-series. Check the model number on the controller with the parts manual to make sure you have the correct one.

4. There are a few units that have another way to put the system into test run. The M-series hyper heat units and the non-hyper heat 8 zone units use a dip switch on the OC. The controllers will also run the units in test run, but this would be in addition to those functions. There is 2 ways to activate a test run. One is with CN31; this jumper is for forced operation. The unit will ignore all sensors and just run. You will have to run the IC's fans with SWE or on to prevent the system from freezing. This is an operation that should not be done for more than 10 hours. The CN31 is not featured on the C model of the multi zone. The B model does have this function. The B model of the multi zone units has SW4-1, 2. The C model has SW3-1, 2. The dip switches will operate the same. One set up is for testing cooling the other set up would be to test the heat. If you flip on SW4-1 or SW3-1 on it will run in cooling. If you flip SW3-2 then 1 on or SW4-2 then 1 it will run in heat. This is a 2 hour operation of test. This way you can go over the system or run the unit in an EMERGENCY.
5. The M-series systems give you certain functions; you can use these functions to operate the system for maintenance and in an emergency setting.

