

P-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. In the P-series equipment there are several ways to test out the system when it is installed. The most common way is to use the Indoor unit (IC). ON the PKA model unit it has a button on the bottom right corner near the LED's or by the filter cover that allows you to run the unit in an EO (emergency operation) state. It is labeled as EOSW; this is an operational test of the unit if no controller is present. The unit will run for 30 minutes. If you use the button 1 press of the button is cooling; a second press is for heating and a third press is to stop the unit. ON the PCA, PEA, PEAD, and the PLA you will use controllers to operate a test or EO.

NOTE: The PCA and the PLA if equipped with the remote controller board as an accessory will have EOSW on the board. Here are the board numbers for units that do not have it already installed. (PAR-SA9FA-E for PLA-ABA)(PAR-SL93B-E or PAR-SA92MW-E for the PCA-KA and PCA-GA)

2. Another way to use test run is on the OC (outdoor unit). SW4 is the test run dip switch on the OC. If you use this dip switch bank you will be able to test cooling and heating. When you flip just the #1 dip switch, the cooling will run. If you flip #2 then #1; this will run the heating if the unit has heating. If it is a cooling only nothing will happen. It is recommended that this only be used when you are testing the equipment at maintenance or at start up. It is not meant for full operation.
3. You can also use the controller to operate the unit in test. The PAR-21MAAJ has a test run button on the controller. If you push the button 2-times in a row, it will run the unit in test run. This will allow the unit to run for 2 hours. You can use the operation switch to change from cooling to heating. You

can also test vane operation by using the controller. Once you have finished you can push the power (on/off) button to reset test run. The MHK1 (MRCH1) also has a test function on it as well. You can access the test function by pushing and holding down the up and down arrows for about 3-4 seconds. Once the screen goes to test. You will see a 02 displayed. You can use the NEXT button to go to 50. If you use the up or down arrow this will change the setting from 0 to 1 or 2(1=cool, 2=heat). DO NOT HIT DONE. If you hit done you will exit test. This should run the unit for about 30 minutes. Also the PAR-31MAA if you go to the SERVICE menu there is a selection for TEST RUN. When you select this it gives you 2 options. You can do a test of the drain pump if it has one. Once you make a selection it will allow you to select mode, vane position, and fan speed. To exit you can push the power button or wait 2 hours for it to come out of test run. Note: The PAR-21 and PAR-31 controller will display pipe temperature during test run.

4. The IR controller has test run as well. If you push the test run button 2 times with the controller being off. The unit will come on in test run. You can use the mode button to control the mode for cooling and heating. You can also test fan and the vane settings. To stop operation in test run use the ON/OFF button.

Note: It is not possible to run FAN, DRY, and AUTO mode.

5. If the test run functions do not work there is one last test that can be done. On the OC's there is a jumper pin by SW4, CN31. This is forced operation. The unit will run and run and run with no stopping. It is only recommended for testing of equipment. Also needs to be used in conjunction with SWE on the IC. SWE is forced fan operation. Again this is ONLY for testing to verify that the equipment will actually operate. If left on the equipment will freeze up and could cause damage to the unit.
6. The options listed above would be the only way to do a test run on the P-series units. Controllers are the best way to operate the system. They will give the settings and functions needed to make the end user feel comfortable with using the system effectively.

