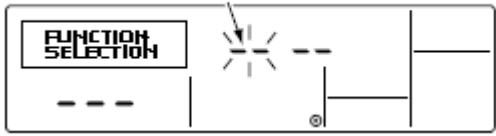
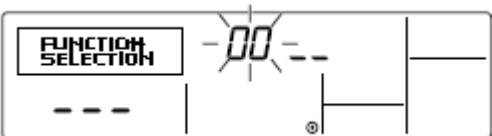

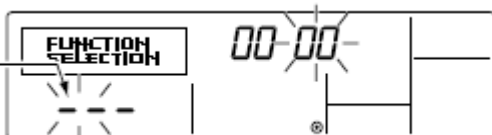
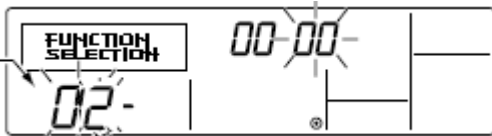




Technical Bulletin

Number	050
Subject	Option Modes on PAR-21MAA Controller
Date	April 2010

Instruction	Status
1) Ensure Remote Controller is "OFF"	
2) Press "FILTER" and "TEST" together for more than three seconds	<p>"FUNCTION SELECTION" blinks for a while, then the remote controller display changes to the display shown below. This is a prompt for the "Refrigeration Address"</p> 
3) Set the Outdoor Unit address number by pressing the "CLOCK UP (DAY)" and "CLOCK DOWN (MONITOR)" BUTTONS. For single split systems the refrigerant address will be "00"	<p>Address "00" will show in right window</p>  <p>The cursors to the right of this will blink</p>
4) Set the Indoor Unit address number by pressing the "TIMER UP" and "TIMER DOWN" BUTTONS. For single split systems the Indoor address will be "00" , or for all indoor units select "AL"	<p>Indoor "00" will show in right window</p> 
5) Press the "MODE" button. This will register the Refrigerant and Indoor Unit addresses.	<p>Cursor to the left will begin to blink. Fan operation will start.</p> 
6) Press "TEMP UP" or "TEMP DOWN" to select the mode you want. For example, select 02 for location of return air sensor. Please refer to table at end of this document.	

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7) Press " CLOCK MENU "	The cursor to the right will begin to blink.
8) Select the Mode Setting (refer to table) you require by pressing " TEMP UP " or " TEMP DOWN " In this instance mode setting 2 for utilising remote controller sensor in place of return air sensor	
9) Press the " MODE " button. This will register the required mode setting with the selected Indoor and Refrigerant address.	
10) Press " FILTER " and " TEST " together for more than three seconds	Remote controller will return to normal operation mode. Normal Operation.

Typical Settings by Refrigerant Number

(Select condensing unit address at Step 3)

Function	Settings	Mode No	Setting No
Auto restart on Power Failure	Available	01	1
	Not Available		2
Return Air Temperature Detection	Average	02	1
	Set by Units Remote Control		2
	Return Control Sensor		3

Typical Settings by Indoor Number

(Select AL address at Step 4)

Function	Settings	Mode No	Setting No
Filter Indication	100 Hours	07	1
	2500 Hours		2
	No Filter Indication		3
Fan Operation during Thermo Off in Heating	Last set fan speed	25	3
	Stop		2
	Low Speed		1
Fan Operation during Thermo Off in Cooling	Last set fan speed	27	1
	Stop		2