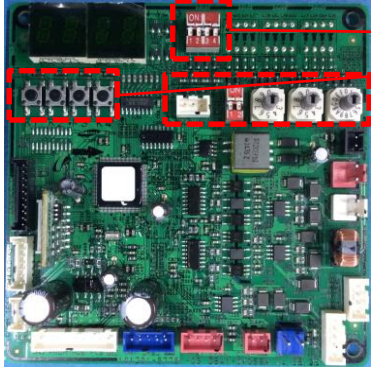



DVM S Service Bulletin

Product: DVM S **Model:** All DVM S Outdoor unit (3 Phase)

Title: DVM S Main PCB change & “How to Set” Guide

■ **Summary:** DVM S Main PCB Revision (starting with 04/01/2016 production)

Item	Previous (Old)	Current (New)
Image		
Part Number	DB92-03340A	DB92-03752A

■ **Details**

- ① New PCB is compatible with previous DVM S models & can be used as a replacement service part.
- ② When installing a revised Main PCB in an older unit, reuse current EEPROM chip with new PCB. You do not need to set anything.
 * *ODU address (main, sub1, sub2), IDU & MCU quantities, & installation options are saved to the EEPROM*
- ③ Excessive capacity restriction function is moved to installation option setting

DVM S Service Bulletin

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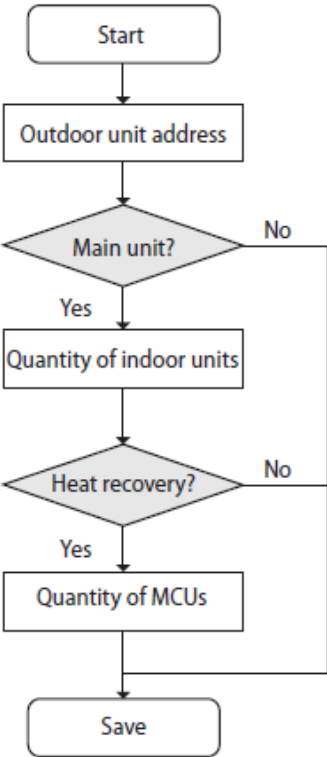
Title: DVM S Main PCB change & “How to Set” Guide

How to set in new PCB



- 1. Outdoor unit address
- 2. Indoor unit Quantity
- 3. MCU Quantity

Step	Button	Display	Description	Note
Outdoor unit address				
Step1	Outdoor unit display	00 00	Setting required	-
Step2	Press (K1+K2) for 2 seconds	00 00	Unit address for module combination	00: Main unit
	K4 x 1 time	00 01		01: Sub1 unit
	K4 x 2 times	00 02		02: Sub2 unit
	K4 x 3 times	00 03		03: Sub3 unit
Step3	If it is main unit, go to step4. Otherwise, press K2 button for 2 seconds to save & exit (system will be reset)			
Quantity of indoor units				
Step4	Press K1	00 00	Ready to set	-
Step5	K2 x n times	00 X0	Tens digit (0 ~ 6)	Ex) 03: 3 units
	K4 x n times	00 0X	Ones digit (0 ~ 9)	64: 64 units
	* K4: Press for 2 seconds - automatic detection of indoor units' quantity			
Step6	If it is heat recovery model, go to step 7. Otherwise, press K2 button for 2 seconds to save & exit (system will be reset)			
Quantity of MCUs * Heat recovery model only				
Step7	Press K1	00 00	Ready to set	-
Step8	K2 x n times	00 X0	Tens digit (0 ~ 1)	Ex) 03: 3 units
	K4 x n times	00 0X	Ones digit (0 ~ 9)	16: 16 units
	* K4: Press for 2 seconds - automatic detection of MCUs' quantity			
Step9	K2: long	00 00	Save	Restart
* Press K1 for 2 seconds to exit without save regardless of setting step.				




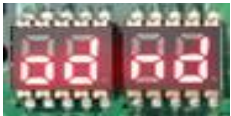
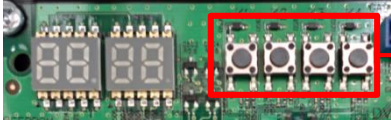


DVM S Service Bulletin

Product: DVM S

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Title: DVM S Main PCB change & “How to Set” Guide

■ How to set new PCB

Order	Display	Description
0		<ul style="list-style-type: none"> ● Normal display : “Ad 00”
		<div style="text-align: center;">  <p>Setting switch (K1, K2, K3, K4)</p> </div> <ul style="list-style-type: none"> ● If Outdoor address is not set “od nd” will be displayed * Outdoor unit address : Main, Sub1, Sub2
1		<ul style="list-style-type: none"> ● Press and hold simultaneously K1, K2 to enter the setting mode. (Initial display of setting mode is “od 00”) - od = Outdoor unit
2		<ul style="list-style-type: none"> ● Press the K4 button shortly : Setting a 1-digit * Od 00 = Main / od 01 = Sub1 / od 02 = Sub2




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Order	Display	Description
3		<ul style="list-style-type: none"> ● Press the K1 button to set indoor quantity Indoor setting mode will be displayed : “id 00” (id = indoor unit)
4		<ul style="list-style-type: none"> ● Manual setting mode (Default) Press the K2 button shortly : Setting a 10-digit Press the K4 button shortly : Setting a 1-digit ● Automatic setting mode (Option) Press and hold the K4 button : Quantity of connected indoor unit will be displayed (Example: If 10 indoor units are detected , “id 10” will be displayed) At this time, press the K2 (tens digit) or K4 (ones digit) button you can change the qty. (Example: 10 is displaying by automatic setting, Press K4 to change 10 to 11)
5		<ul style="list-style-type: none"> ● <u>Heat Recovery models</u> : Setting MCU quantity is required. <ul style="list-style-type: none"> - Press the K1 button to set MCU quantity ● <u>Heat Pump models</u> : Confirm settings (Save & exit) <ul style="list-style-type: none"> - Press and hold the K2 button - All settings will be saved. - After a 7-segment flickers for 3 seconds, and system will be reset. ● Cancelling the setting <ul style="list-style-type: none"> - Press and hold the K1 button to exit without saving the settings




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Order	Display	Description
6		<ul style="list-style-type: none"> ● In MCU setting mode, Initial display will be “mc 00” - mc = MCU
7		<ul style="list-style-type: none"> ● Manual setting mode (Default) Press the K2 button : Setting a 10-digit Press the K4 button : Setting a 1-digit ● Automatic setting mode (Option) Press and hold the K4 button : Quantity of connected MCU(s) unit will be displayed (Ex. If 3 MCUs are detected , “mc 03” will be displayed) At this moment if press the K2 (tens) or K4 (ones) button you can change the Quantity. (Example: 3 is displayed by automatic setting, Press K4 to change 3 to 4)
8		<ul style="list-style-type: none"> ● Confirm settings(Save & exit) - Press and hold the K2 button - All settings are saved. - After a 7-segment flickers for 3 seconds, and system will be reset ● Cancel settings - <i>Press and hold the K1 button to exit without saving the settings</i>