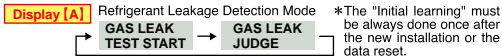
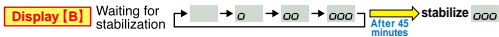


2. How to memorize initial refrigerant amount data

(3) Press "Clock▼" button and select the "GAS LEAK TEST START" on the display.



(4) Press "Filter" button to perform.



*Once the unit's operation is stabilized, the initial learning is completed

(5) Press "Test" button for more than 3 seconds to finish the initial learning.

The initial setting can also be finish by pressing "ON/OFF" button.

3. How to start "Judgement of refrigerant leakage" mode.

The unit can detect the big refrigerant leakage by comparing the refrigerant amount in "Initial learning". To know the current condition of refrigerant amount, same operation must be performed.

* Please repeat same procedure (1)~ (4) to measure current refrigerant amount.

(6) Press "Clock" button and select the "GAS LEAK JUDGE" on the display.

(Please refer to the **Display [A]**)

(7) Press "Filter" button to perform.



Meaning of "Judgement" on the display.

Display indication	Meaning
" 0 "	Refrigerant leakage is less than 20% of initial amount
" 20 "	Refrigerant leakage is more than 20% of initial amount
"8888"	"Error" = No initial data is available.

<Note> "%" for judgement can be changed by "function selection by remote controller".

P35 ~ P50 : Selectable between 30% (initial setting) or 50%

P60 ~ P140 : Selectable between 20% (initial setting) or 40%

When the "%" for judgement is changed, please start "Checking operation" for about 1 minute and cancel once to recognize the setting change.
And then, please start again the "Checking operation".

How to reset the initial data

When the unit is removed and installed again or refrigerant is charged additionally, the "Initial learning" mode must be performed again by following procedure.

- Turn "Main Power" OFF.
- Connect the pin of "CN31" to ON position on the outdoor PCB.
- Turn SW4-1 on the outdoor control PCB to ON.
- Turn "Main Power" ON to reset the initial data.

After reset the data, please turn "Main Power" OFF and turn pin of CN31 and SW4-1 to original position.

Caution

*On the following condition, the operation can not be stabilized and judgement of checking operation may be not accurate.

(A) Inlet temp. of outdoor unit ; More than 40°C or Inlet temp of indoor unit ; less than 23°C.

(B) Airflow setting is not "High".

*Please check the operation and unit status, when the operation is not stabilized .

MITSUBISHI ELECTRIC
Changes for the Better



New Power Inverter Mr.Slim (PUHZ-RP***HA2)

Refrigerant Leakage Detection

Exclusive for
POWER INVERTER

New "Power Inverter" Mr.SLIM (Model name : PUHZ-RP**HA2) can help to detect refrigerant leakage which may happen during a long period of use.

In order to enable this function, the following setting are required.

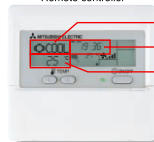
⚠ Caution

Make sure to perform the "Test run" and confirm the unit works without any problems before starting the following settings.
For more precise detection, make sure to set the airflow at "High notch" before enable this setting.

1. How to select the "Refrigerant Leakage Detection" mode.

This function is possible to be selected regardless of the unit's operation status.

Remote controller



Display [A]

Display [C]

Display [B]

(1) Press "TEST" button for more than 3 seconds to switch to the "Easy Maintenance" mode.

(2) Then, press "Clock▼" button to switch "Refrigerant Leakage Detection Mode".

Mr.SLIM POWER INVERTER