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ODU Motherboard Compatibility Setup Guide

⚠ WARNING
Disconnect all power to unit before installing or servicing. More than one disconnecting switch may be required to de-energize the equipment. Hazardous voltage can cause server personal injury or death.

ALL phases of this installation must comply with NATIONAL, STATE AND LOCAL CODES

DESCRIPTION

The table provides compatibility explanations for different motherboard components and the corresponding product series they are compatible with.

	Parts Name	Ecoer code	Product Series		
			Decades	Decades Extreme	TDi Pro
ODU	Motherboard component(2436)	EAC230904156	√		
	Motherboard component(4860)	EAC230904157	√		
	Motherboard component(2436)	EAC230904158		√	
	Motherboard component(4860)	EAC33301000005		√	
	Motherboard component(2436)	EAC230904165	√[1]	√[2]	√[3]
	Motherboard component(4860)	EAC230904166	√[1]	√[2]	√[3]

NOTES：
" √[1] ": Set n18=1 for compatibility with the Decades series.
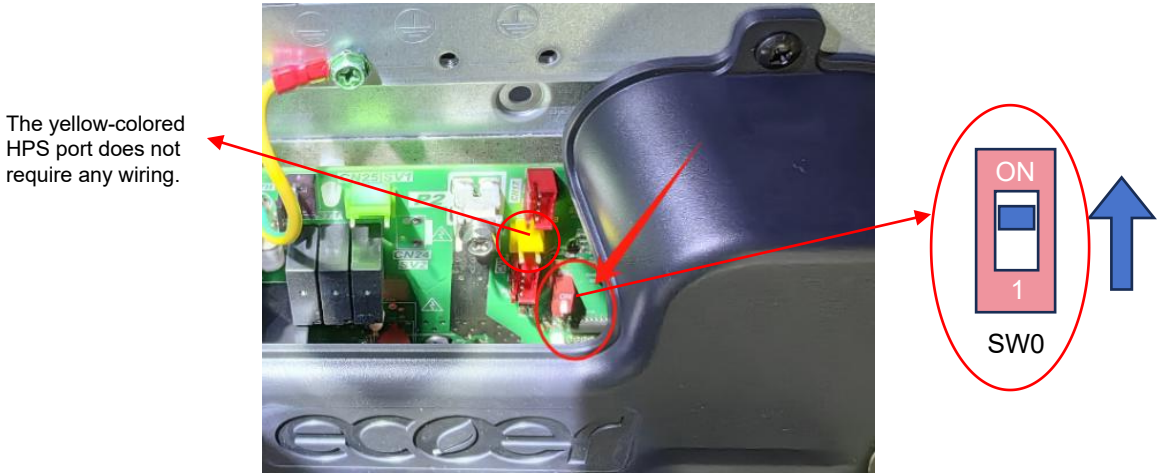" √[2] ": Set n18=2 for compatibility with the Decades Extreme series.
" √[3] ": Set n18=3 for compatibility with the TDi Pro series (Default configuration).

When using a compatible motherboard (EAC230904165/EAC230904166) to match TDi Pro series products, no modifications are required.

However, if you intend to use them to match Decades or Decades Extreme series products, please follow the steps below for setup:
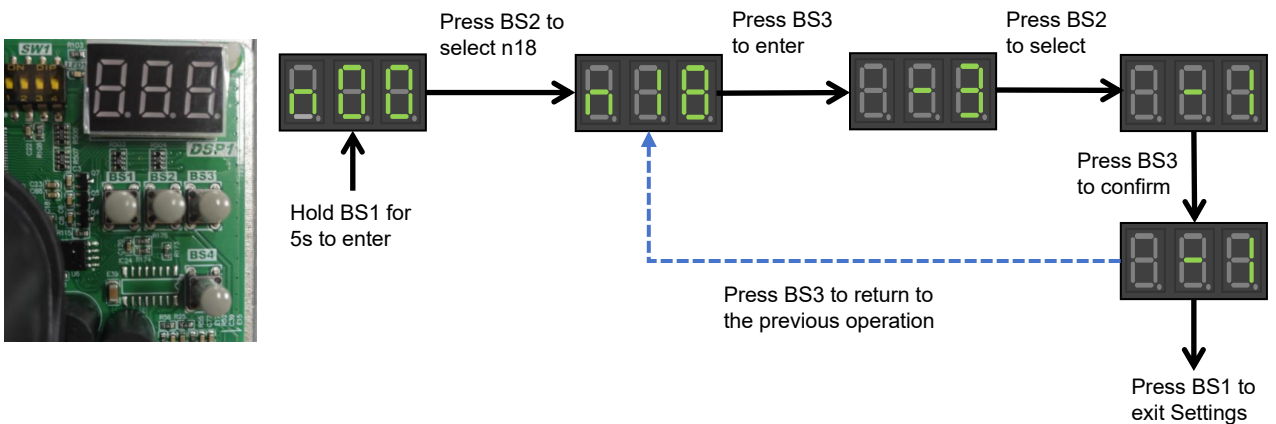
Step 1: Set the dip switch of the pressure switch to the ON position (upper position). Leave the HPS (high pressure switch) terminal empty.
Note that the Decades and Decades Extreme series do not have the HPS.

The yellow-colored HPS port does not require any wiring.

ON
1
SW0

Step 2: Follow the standard steps for replacing the motherboard components. Power on the outdoor unit and keep it in standby mode (do not send any startup commands). Ensure proper wiring of the motherboard before system power-up.

Step 3: Change the n18 setting from 3 to 1 (for Decades models) or 2 (for Decades Extreme models).

Press BS2 to select n18

Press BS3 to enter

Press BS2 to select

Hold BS1 for 5s to enter

Press BS3 to confirm

Press BS3 to return to the previous operation

Press BS1 to exit Settings

Step 4: After completing the above setup, please perform a normal operational check on the device to ensure it is running properly.

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