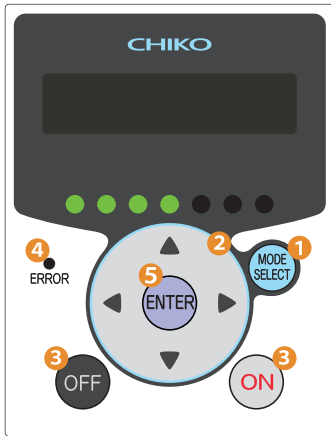


# AT3 panel display

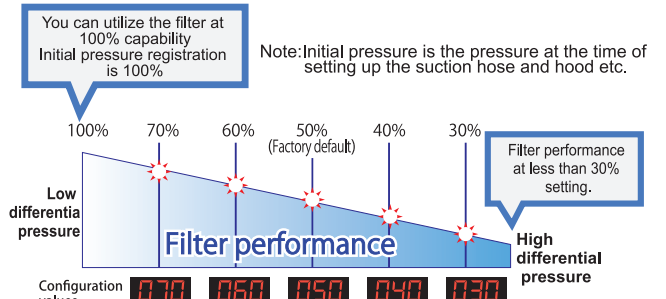
## Organic light emitting diode (OLED)

- You can check the differential pressure, external pressure, suction pressure, exhaust pressure, blower speed, operating time using numerical values.
- Filter-clogging-notice function installed. Since you can check the differential pressure in the filter, you can accurately assess the state of clogging in the filter.
- Alarm function installed (abnormal temperature warning)

It is possible to set five different levels for notifications on filter clogging. You can set optional values for filter clogging notifications.



- 1 Mode selection key**  
The mode select key operates if pressed when the unit is OFF. This key can also be used to "go back to the previous stage."
- 2 Cursor key**  
This is used for changing the operating level and selecting / changing items on the display.
- 3 ON/OFF**  
Separate to the power ON / OFF function, if you press and hold down the OFF button you register the initial pressure.
- 4 Error lamp**  
This lamp lights up or blinks when an error occurs (insufficient airflow, pressure shortfall, etc.).
- 5 Enter key**  
Pressing the key, when the mode is selected, will set the contents. Also the initial pressure is registered by pressing and holding down the key during operation.



Configuration values: 070, 060, 050, 040, 030

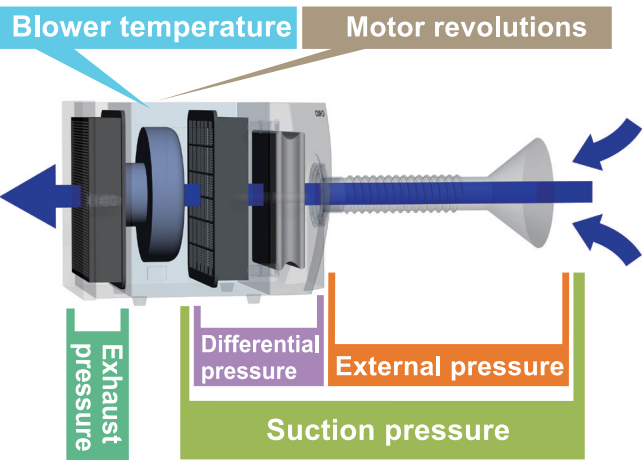
To advance the lamp-lighting timing ← To delay the lamp-lighting timing →

**WARNING** ⚠ The timing of the light can be set at five different levels.

When the level is adjusted after the initial pressure is set, the timing of the **WARNING** light is set automatically and comes on according to the appropriate pressure. The **WARNING** light may come on when the operating level is between 1 and 7.

※ If the initial pressure is not set, a **WARNING** light that initial pressure is not registered will come on.

# Creating "Visualization"



## Suction pressure

You can check the total pressure from the suction port to the motor chamber, and the current load.

## External pressure

You can check the suction port and duct pressure. You can assess which nozzle is appropriate at the start, and you can check clogging in the nozzle when in use.

## Filter differential pressure at the suction side

It is possible to check clogging in the suction side filter. You can output a clogging alarm display or signal.

## Exhaust pressure

You can check clogging in the exhaust filter and loss of pressure in the exhaust pipe.

## Blower temperature

You can ensure the device does not stop or fail, due to filter clogging or a rise in temperature because of motor abnormalities.

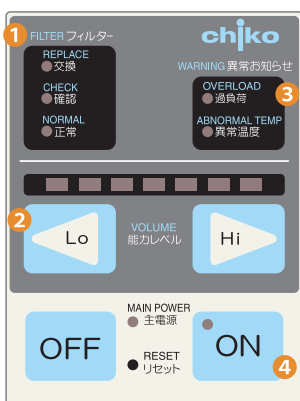
## Motor rotation speed

You can check the number of revolutions while the motor is in use in order to quickly identify motor malfunctions and take countermeasures.

## Operating time

You can check cumulative operating time (from the start of operation) and the current continuous operating time.

# AT · AD Panel display and operation



- 1 FILTER**  
Notifies you about the status of clogging.
- 2 Operating level (Tact switch)**  
Adjusts the dust collector suction level. This can be set according to 7 operating levels.
- 3 WARNING (Anomaly signal)**  
Overload: This lights up when the motor runs at 150% of its specified electrical current level for over 1 minute. This stops the operation of the unit at the same time. Abnormal temperature: This lights up when the motor reaches an abnormal temperature. This stops the operation of the unit at the same time.
- 4 ON/OFF (Tact switch)**



Installed model type: CHV-030AD-HC-V1

- 1 Operating level (Tact switch)**  
Adjusts the dust collector suction level. This can be set according to 5 operating levels.
- 2 Display panel**  
Numerical value: Indicates the current operating pressure. C.F : This is displayed when the performance has deteriorated due to filter clogging, etc.
- 3 ON/OFF (Tact switch)**