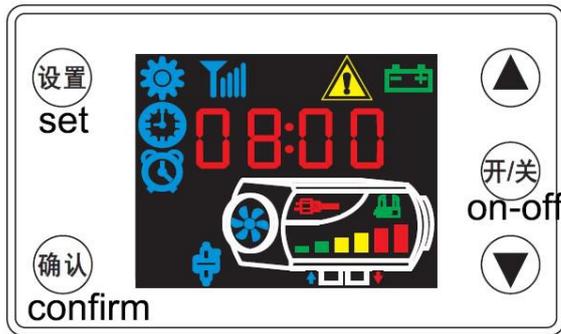# LCD Panel Instructions   (12v and 24v are general)

1. Key Function

Set → enter the set state, can adjust and set parameter. Change the working state.

Confirm → In the setstate, confirm current set point, enter next parameter setting. In the Unset state, can check the status.

▲ → In the setstate, up regulation set the parameter.

In the Unset state, up regulation set the operating temperature.

On-off → Short Press to turn on, status light is always.

Long press 2 seconds to turn off, status light is flickering

▼ → In the setstate, down regulation set the parameter.

In the Unset state, down regulation set the operating temperature.

2. Match Code

In the Unset state, first press the up-regulation button, meanwhile press the confirm button, keep more than 3 seconds. Enter the match code Interface, shows HFA-, press the on button to send the remote code. After finishing the match code, then exit the interface. The machine enter the turn on state. If match code failed, it will not enter the turn on state.

3. Set up parameter (press the set button to enter, the related icons in display screen will be light)

(1) Time setting ⟶ Up and down button adjust the parameter. Press the confirm button, in turn, sets up hour, minute. Press confirm button enter next state.

(2) Timing on-off setting ⟶Defaults to off, shows 1-oF. Press the up regulation button to open, show 1-on, enter. ⟶ Press confirm button, in turn, set up the first group, turn on and off time. And the second group. After finish the adjusting, press confirm button to enter to next step.

Manage password input ⟶ Press the up and down regulation button. After showing the correct value, press the

confirm button to enter into next step. After inputting the correct 4 numbers, press the confirm button to enter into next step.

(3) Pump capacity setting ⚙ ⟶ Press the up and down regulation button, change the minimum pump capacity. After achieve the demand value, press the confirm button to enter into next step. ⟶ Maximum pump capacity setting. Press the up and down regulation button to change it. After achieve the demand value, press the confirm button to enter into next step.

(4) Fans'rotational speed setting ⚙ ⟶ Press the up and down regulation button, change the minimum speed. After achieve the demand value, press the confirm button to enter into next step. Maximum speed setting. Press the up and down regulation button to change it. After achieve the demand value, press the confirm button to enter into next step.

(5) Operating voltage setting ⚙ ⟶ Only on the status is off, can choose the mainboard operating voltage, press the up and down regulation button, choose switch voltage. The 12V system should change to show U-12. The 24V system should change to

show U-24.

⬇

(6) Speed signals setting ⚙ ⟶ Press the up and down regulation button to set up speed signals. The 2 magnet polarity of vane wheel are opposite or there only 1 magnet, choose number 1. If the 2 magnet polarity of vane wheel are same, choose number 2 . If choose wrong, will lead to speed with one time difference.
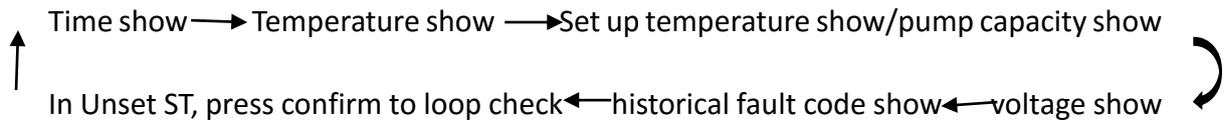
⬇

(7) Change manage password 🔒 ⟶ After enter into, if shows OFF state, it is no need to change, press confirm button, pass this step. And save the parameter then auto-exit. Press up regulation button, shows on, then press the confirm button to enter into the change state, input the new 4 password, then press the confirm button, save the new password and parameter then auto-exit.

Notes: After finishing all parameters, must press the confirm button. Only do this can save the parameters.

Please check and save new password.

4. Query specification of machine state

Time show ⟶ Temperature show ⟶ Set up temperature show/pump capacity show

In Unset ST, press confirm to loop check ⟵ historical fault code show ⟵ voltage show

5. Refueling fuel manually

In unset state, first press the down regulation button, keep on and press the confirm button. Then enter the interface of Refueling fuel manually. Show H-oF release confirm button, then release down regulation button. Press up regulation button, turn on the manual pump. Show H-on, can hear the working sound, then the pump icon light. Press down regulation button or set button can turn it off. Exit this model, the icon disappear.

6. Timing on-off

After setting up the working time, press the confirm button to enter into the function of Timing on-off setting, it defaults oF turn off state. Press up regulation button to enter into on state. Press the confirm button can set up the first group of turn on time, confirm it set up the turn off time. Press the confirm button can set up the second group.
If set up successfully, the alarm clock icon light.

7. Temperature control mode switch

In unset state, first press the up regulation button, keep on and press the confirm button, show P-x.x (xx mean pump capacity), means enter

into the manual temperature control mode. The oil pump capacity is controlled between present capacity and initial capacity. Press number 2, show xx℃, means enter into the auto temperature control mode. The oil pump capacity is controlled between maximum capacity and initial capacity. The oil pump capacity of these two model according to the temperature variation. The difference is that, the oil pump capacity of auto mode can achieve the maximum. The manual model is limited in the present set point, can't achieve the maximum.