

# BSK SCHOLAR DIGITAL CONTROL PANEL GUIDE

## PANEL BUTTONS

**⏻** : Use it to turn the device on and off from the control panel. If the BSK Logo is on the screen, the device will be turned off.

**SETUP**: Use it to enter settings menus.

**▲ / ▼**: Use up and down keys to navigate through menu items or increase / decrease values of various settings.

**Mode/OK**: Use it to navigate through main screen, and some setting items. Can also be used as select/enter for some menu items.

## HOME SCREEN

If the device is turned on, you can control and change fan speeds, set temperature and other various settings of the device from the home screen.

Use **MODE/OK** button to cycle through ASP, VNT and SET. Use **▲ / ▼** keys to change values.

ASP and VNT are aspirator and ventilator fan level controls. You can select the level of fan speeds.

SET; is the value of Set temperature. This temperature is used for Free-cooling mode to control the bypass damper.

**Key Lock**: You can press **SETUP** and **▼** keys together for 3 seconds to activate or deactivate the keylock for the control panel. When keylock is active, buttons on the panel will be locked until the keylock is deactivated.

## SETTINGS MENU

To enter Settings menu, press and hold Setup button while the control panel is turned on (main screen). You can access various user settings and view information about the device from this menu. You can use **▲ / ▼** keys to navigate through and select the menu items and **MODE/OK** button to enter.

## 1. Weekly Program

You can set a weekly schedule for the device for automatic ON/OFF and control.

- Use ▲ / ▼ keys to cycle through the days. Press **MODE/OK** button to select a day and to cycle through Start hour, Start minute, Stop hour, Stop minute.
- Use ▲ / ▼ keys to change the hour and minute values.

### IMPORTANT:

- If Start time is greater than Stop time (Eg. Start time: 15:00, Stop time 12:00), the device will be turned off for the whole day.
- If Start time is equal to the Stop time (Eg. Start time: 12:00, Stop time 12:00), the device will not be automatically controlled on that day.

## 2. Date and Time

Set the date and time of the device.

- Use **MODE/OK** button to cycle through the Date and Time. Use ▲ / ▼ keys to change the values.

## 3. Language

Set the language of the control panel. (Default to English)

- Use ▲ / ▼ keys to select between English / Turkish. Press Mode/OK button to continue.

## 4. Display Light

Set the brightness value of the control panel. (Default 50)

- Use ▲ / ▼ keys to select a value. Press Mode/OK button to continue.

## 5. Display Const.

Set the contrast value of the control panel. (Default 50)

- Use ▲ / ▼ keys to select a value. Press Mode/OK button to continue.

## 6. Device Monitor

Use it to view various states and/or sensor values of the device.

### SERVICE SETTINGS MENU

To enter Service Settings menu, press and hold ▲ / ▼ keys while the control panel is turned off (Logo screen). You can use ▲ / ▼ keys to navigate through and select the menu items and **MODE/OK** button to enter.

**IMPORTANT:** You can access various advanced settings and view information about the device from this menu. These settings will change the behavior and function of the device. Do not change anything besides the values explained below without consulting an authorized service personnel.

#### 1. CO2 Set Value

Set CO2 ppm value. If the set ppm value is above the ambient CO2 level, the device will run at set fan levels. If the set ppm value drops below the ambient CO2 level, the device will increase its fan speeds to compensate for the increased CO2 levels.

#### 2. Fan Level

Set fan level percentages for the ASP and VNT fan stages. (Default levels are 25%, 40%, 55%, 70%, 85%, and 100%)

- Use ▲ / ▼ keys to change the fan level and press Mode/OK button to save and continue to the next fan stage.
- Stages start with the 1st (lowest) stage of ASP up to 6 (by default) and then cycles to the 1st stage of VNT up to 6.