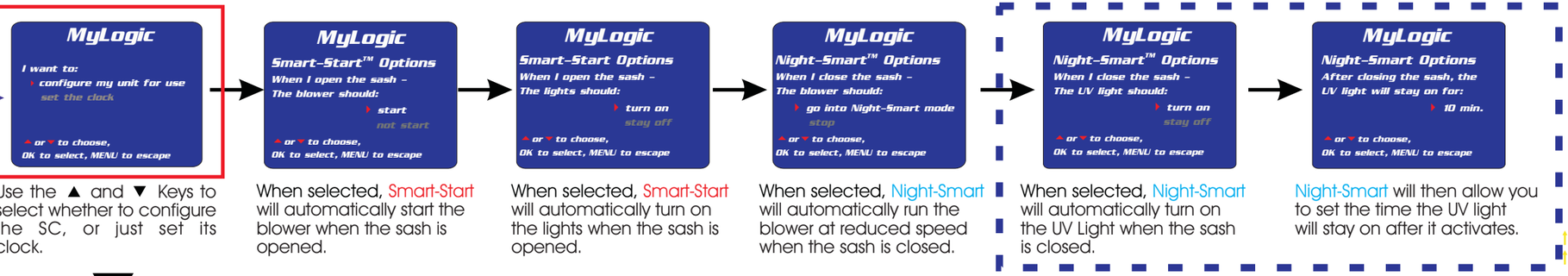
Navigating the SC 12-Inch Sash Menu



Use the ▲ and ▼ Keys to select whether to configure the SC, or just set its clock.

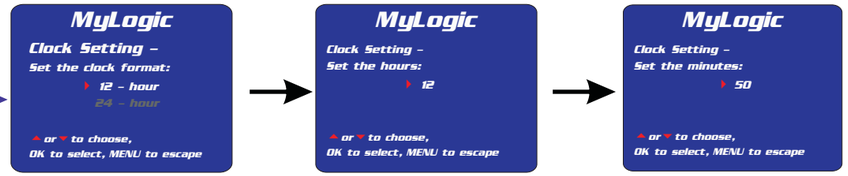
When selected, Smart-Start will automatically start the blower when the sash is opened.

When selected, Smart-Start will automatically turn on the lights when the sash is opened.

When selected, Night-Smart will automatically run the blower at reduced speed when the sash is closed.

When selected, Night-Smart will automatically turn on the UV Light when the sash is closed.

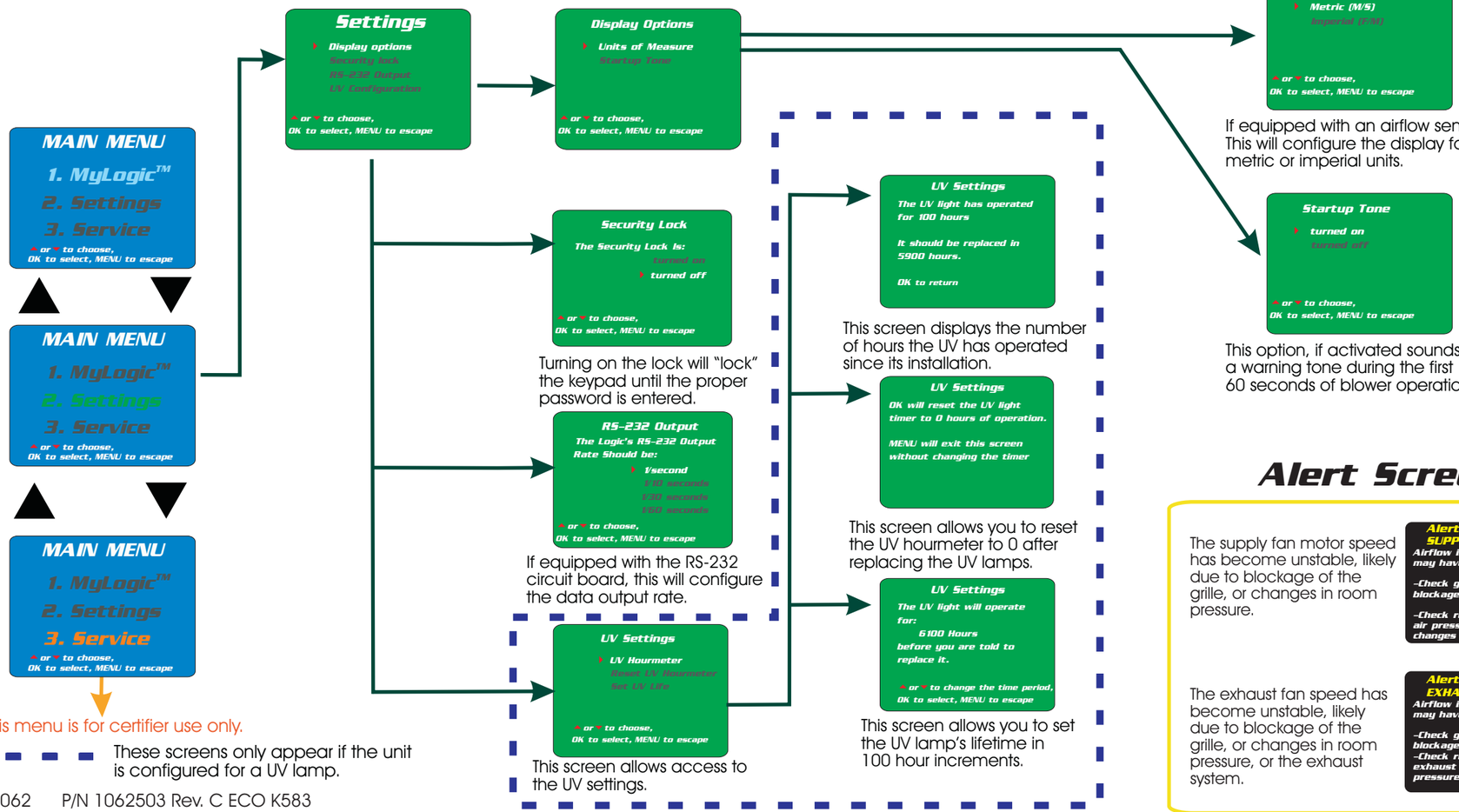
Night-Smart will then allow you to set the time the UV light will stay on after it activates.



This will configure the clock in either 12- or 24- hour formats.

This sets the clock's hours.

This sets the clock's minutes.



This menu is for certifier use only.

These screens only appear if the unit is configured for a UV lamp.

If equipped with an airflow sensor, This will configure the display for metric or imperial units.

This option, if activated sounds a warning tone during the first 60 seconds of blower operation.

If equipped with the RS-232 circuit board, this will configure the data output rate.

This screen displays the number of hours the UV has operated since its installation.

Turning on the lock will "lock" the keypad until the proper password is entered.

This screen allows you to reset the UV hourmeter to 0 after replacing the UV lamps.

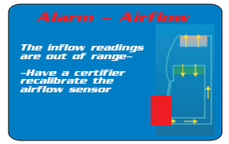
This screen allows access to the UV settings.

This screen allows you to set the UV lamp's lifetime in 100 hour increments.

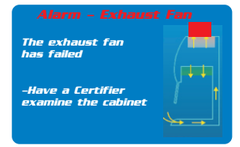
Alarm Screens

The sash is open too far for safe operation.

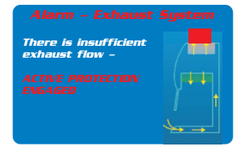
When equipped with an optional airflow sensor, the Inflow velocities have exceeded the safe operating range.



The cabinet exhaust fan is not operating, or the motor's tachometer signal has been lost.



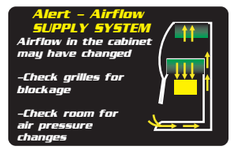
When equipped with a canopy, The exhaust volume has fallen below the safe operating range. The unit will continue to operate this way until the Inlet Relief Valve closes, or its blowers are shut off to reset the unit.



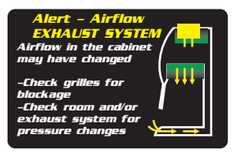
There has been a loss of communication between the motor and the control circuit board.

Alert Screens

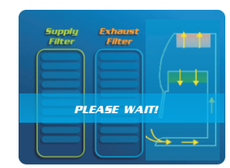
The supply fan motor speed has become unstable, likely due to blockage of the grille, or changes in room pressure.



The exhaust fan speed has become unstable, likely due to blockage of the grille, or changes in room pressure, or the exhaust system.



Warm up Screen



This screen is displayed in ALL configurations during the first 60 seconds of operation.

Navigating the SC 12-Inch Sash Menu

MAIN MENU
1. MyLogic™
2. Settings
3. Service

▲or▼to choose,
OK to select, MENU to escape

Service
▶Current Settings
Restore Default
Diagnostics
Calibration
Configuration

▲or▼to choose,
OK to select, MENU to escape

Current Settings Supply System
The ECM setting is: 65
The current RPM is: 0
The average RPM is: 0
The new filter RPM is: 1450
C1, with afs, with UV
▲or▼to change, OK to return
10490 –

Current Settings Exhaust System
The ECM setting is: 65
The current RPM is: 0
The average RPM is: 0
The new filter RPM is: 1450
C1, with afs, with UV
▲or▼to change, OK to return
10490 –

Service
Current Settings
▶Restore Default
Diagnostics
Calibration
Configuration

▲or▼to choose,
OK to select, MENU to escape

Restore Default
OK WILL RESET THE LOGIC TO ITS ORIGINAL FACTORY SETTINGS.
THIS WILL NOT RESET THE BLOWER SPEED OR FILTER LIFE

MENU WILL LEAVE THE SETTINGS UNCHANGED

Service
Current Settings
Restore Default
▶Diagnostics
Calibration
Configuration

▲or▼to choose,
OK to select, MENU to escape

Service
Current Settings
Restore Default
Diagnostics
▶Calibration
Configuration

▲or▼to choose,
OK to select, MENU to escape

Calibration
ATTENTION!
The following screens are used to alter the operation of the Logic. They should only be used by a qualified certifier as part of the certification process.

OK to select, MENU to escape

Calibration
PASSWORD:

OK to select, MENU to escape

For Routine Certification the Password is:
'Light'
'UV Light'
'Timer'
'Timer'
'OK'

Calibration Supply Fan Speed
The ECM setting is: 80
The current RPM is: 1050
The average RPM is: 1020

▲or▼to change motor speed,
OK to select, MENU to escape

Calibration Supply Filter Gauge
▶Reset Filter Gauge to 100%
Leave Gauge unchanged
Set Gauge to new setting

▲or▼to change filter gauge,
OK to select, MENU to escape

Calibration Exhaust Fan Speed
The ECM setting is: 80
The current RPM is: 1050
The average RPM is: 1020

▲or▼to change motor speed,
OK to select, MENU to escape

Calibration Exhaust Filter Gauge
▶Reset Filter Gauge to 100%
Leave Gauge unchanged
Set Gauge to new setting

▲or▼to change filter gauge,
OK to select, MENU to escape

If equipped with airflow sensor

Calibration Inflow Display
The inflow displayed value is: 102 FPM

▲or▼to change display value,
UV Light to reset to 105 FPM,
OK to select, MENU to escape

No airflow sensor

The SC will automatically turn off and reset itself into normal operation.

To set the zero point on a new airflow sensor the password is:
'Light'
'UV Light'
'Timer'
'Outlet'
'OK'

Service
Current Settings
Restore Default
Diagnostics
Calibration
▶Configuration

▲or▼to choose,
OK to select, MENU to escape

Configuration
ATTENTION!
The following screens are used to alter the operation of the Logic. They should only be used by a qualified certifier as part of the certification process.

OK to select, MENU to escape

Configuration
PASSWORD:

OK to select, MENU to escape

Configuration
Type A Canopy Option
This cabinet has:
▶a canopy
no canopy

▲or▼to choose,
OK to select, MENU to escape

UV Settings
This Logic is configured:
to have a UV light
▶to NOT have a UV light

▲or▼to choose,
OK to select, MENU to escape

Diagnostics

Diagnostics
Turn off blower and Lights before entering Diagnostics

OK to select, MENU to escape

Diagnostics
▶Sash sensors
Keypad – Relays
Inlet Relief Valve
Airflow Sensor

▲or▼to choose,
OK to select, MENU to escape

Diagnostics
Sash sensors
Keypad – Relays
▶Inlet Relief Valve
Airflow Sensor

▲or▼to choose,
OK to select, MENU to escape

Diagnostics
Lower the sash from full open to closed
Note the sash status below:

Sash Status:

The sash is closed
OK to return

Diagnostics
Test the alarm by closing the inlet valve.

Note the alarm status below:

Open

OK to return

Diagnostics
Sash sensors
Keypad – Relays
Inlet Relief Valve
▶Airflow Sensor

▲or▼to choose,
OK to select, MENU to escape

Diagnostics
The airflow sensor data:

A/D:	175
Air Velocity:	0 FPM
Zero:	98
Alarm Value:	150
Full Scale:	186

OK to return

Diagnostics
Sash sensors
▶Keypad – Relays
Inlet Relief Valve
Airflow Sensor

▲or▼to choose,
OK to select, MENU to escape

Diagnostics
Press any button (except Menu);
Note the touchpad status below:

Touchpad Status:
Buttons pressed: none
All Off

Menu to return