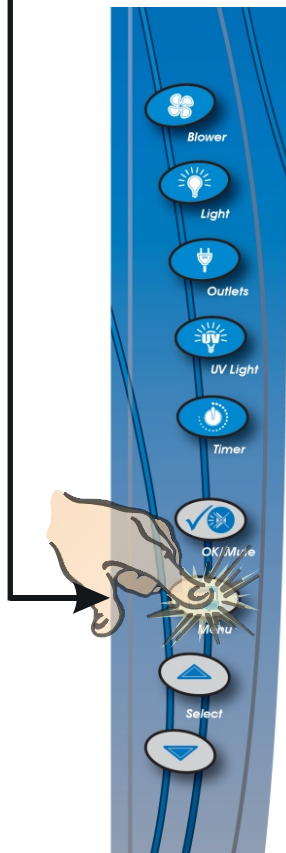
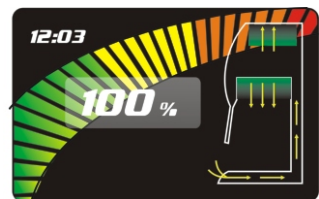




Navigating the Logic+ Menu



MAIN MENU

- 1. MyLogic™
- 2. Settings
- 3. Service

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

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This menu is for certifier use only.

MyLogic

I want to:

- configure my Logic for use
- set the clock

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

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

MyLogic

Smart-Start™ Options

When I open the sash -

The blower should:

- start
- not start

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

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

MyLogic

Smart-Start Options

When I open the sash -

The lights should:

- turn on
- stay off

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

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

MyLogic

Night-Smart™ Options

When I close the sash -

The blower should:

- go into Night-Smart mode
- stop

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

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

MyLogic

Night-Smart™ Options

When I close the sash -

The UV light should:

- turn on
- stay off

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

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

MyLogic

Night-Smart Options

After closing the sash, the UV light will stay on for:

- 10 min.

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

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

MyLogic

Clock Setting -

Set the clock format:

- 12 - hour
- 24 - hour

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

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

MyLogic

Clock Setting -

Set the hours:

- 12

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

This sets the clock's hours.

MyLogic

Clock Setting -

Set the minutes:

- 50

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

This sets the clock's minutes.

Settings

- Display Options
- Security Lock
- OK to select, MENU to escape

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

Display Options

- Units of Measure
- Startup Tone

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

Units of Measure

- Metric (M/S)
- Imperial (F/H)

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

If equipped with an airflow sensor, This selects the units of measure.

Security Lock

The Security Lock is:

- turned on
- turned off

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

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

RS-232 Output

The Logic's RS-232 Output Rate Should be:

- 1/second
- 1/30 seconds
- 1/60 seconds
- 1/120 seconds

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

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

UV Settings

- UV Hourmeter
- Reset UV Hourmeter
- Set UV Life

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

This screen allows access to the UV settings.

UV Settings

The UV light has operated for 100 hours.

It should be replaced in 5900 hours.

OK to return

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

UV Settings

OK will reset the UV light timer to 0 hours of operation.

MENU will exit this screen without changing the timer

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

UV Settings

The UV light will operate for:

- 6100 Hours

before you are told to replace it.

▲ or ▼ to change the time period, OK to select, MENU to escape

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

Alarm/Alert Screens

The sash is open too far for safe operation.

Alarm - Sash Height

The sash is open too far -

- Lower it
- Press Mute/OK to silence the alarm for 5 minutes

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

Alert - Airflow

Airflow in the cabinet may have changed -

- Check grilles for blockage
- Check room for air pressure changes

ON TYPE A BSCs, the Inflow or downflow velocities have exceeded the safe operating range.

Alarm - Airflow

The inflow and/or downflow readings are out of range.

- Have a certifier recalibrate the airflow sensor

ON TYPE B2 BSCs, the Inflow velocity has fallen below the safe operating range.

Alarm - Inflow

There is insufficient inflow -

- Press Blower to reset the system
- Repeated inflow alarms may require sensor recalibration or airflow adjustment

ON TYPE A BSCs with a canopy, the exhaust volume has fallen below the safe operating range.

Alarm - Canopy

There is insufficient exhaust flow for the canopy.

- Have a certifier check the canopy airflow switch
- Have a certifier readjust the exhaust airflow

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

Alarm - System

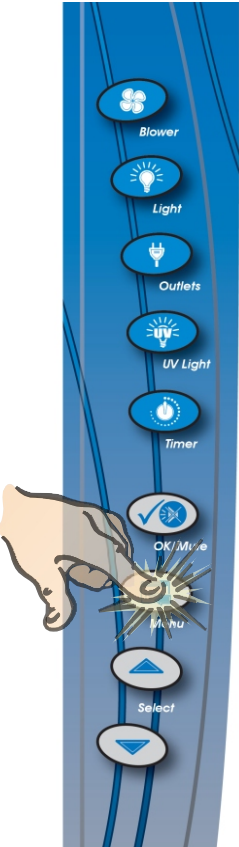
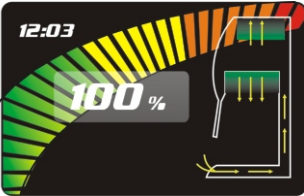
There is a loss of communication in the control system -

- Have a certifier examine the cabinet

These screens only appear if the Logic+ is a Type A1 or A2.

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

Navigating the *Logic+* Certifier's 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

The ECM setting is: 65

The current RPM is: 0

The average RPM is: 0

The new filter RPM is: 1450

The max. RPM is: 1450

Type A2, with airflow sensor

Configured for no UV light

OK to return

10484 -

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

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

Calibration

Motor Speed Adjustment

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

Filter Gauge Adjustment

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

Inflow Alarm Setpoint

Reduce the exhaust flow to 80% of nominal volume. Then press OK.

Air Sensor: 219

Zero / Span: 95 / 220

OK to select, MENU to escape

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

Cabinet Type

This cabinet is:

Type A1

Type A2

Type B2

or to choose, 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

Sash sensors

Keypad - Relays

Canopy Alarm

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 open too high

The sash is open

The sash is closed

OK to return

Diagnostics

Sash sensors

Keypad - Relays

Canopy Alarm

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

Diagnostics

Sash sensors

Keypad - Relays

Canopy Alarm

Airflow Sensor

or to choose, OK to select, MENU to escape

Diagnostics

Test the alarm by closing the intake door. Note the alarm status below:

Canopy Alarm:

Status: Open

OK to return

Diagnostics

Sash sensors

Keypad - Relays

Canopy Alarm

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

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

Calibration

Inflow Alarm Setpoint

Reduce the exhaust flow to 80% of nominal volume. Then press OK.

Air Sensor: 219

Zero / Span: 95 / 220

OK to select, MENU to escape

Type B2

Type A2 with no airflow sensor.

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

Type A2 with optional airflow sensor.

Calibration

Downflow Display

The Downflow displayed value is: 52 FPM

or to change display value, UV Light to reset to 55 FPM, OK to select, MENU to escape

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

The Logic will automatically turn off to zero itself before restarting the blower.

The Password is:
'Light'
'UV Light'
'Timer'
'Timer'
'OK'

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