Nailor®

CONTROLS CATALOG

Critical Environment Controls
and Monitoring Solutions

Console Capabilities

To ensure your critical environment processes are controlled and managed effectively, we offer an array of control types to meet every need.
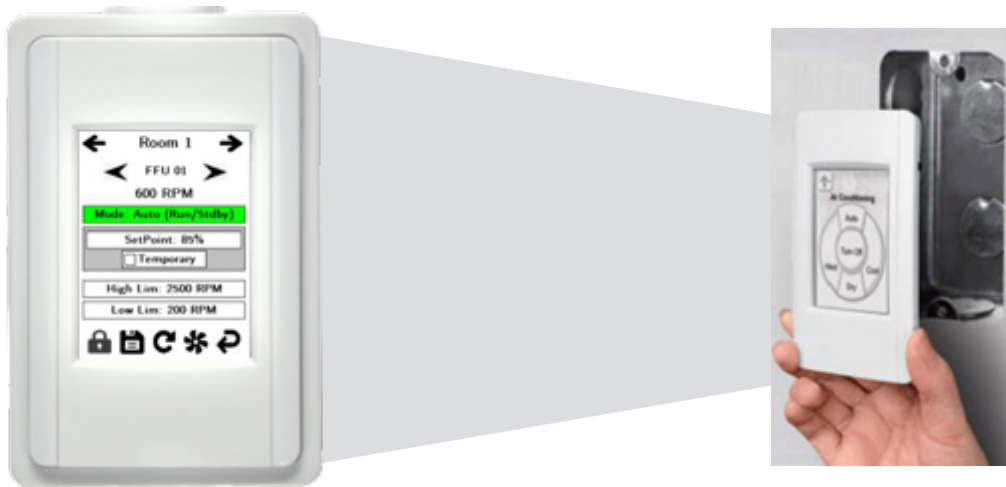
Controls Capability Summary

	Code	Screen Size	Max # of FFUs	Max # of Zones	Controls FFUs via BACNet	Animated Ceiling Grid	Data Logging	Alarm Outputs	Inputs for Stop & Standby	Particle Counter Integration	Remote Setback & Clock/ Calendar	Set speed by zone or global	BACNet MS/TP or IP	Sensor Integration
Custom Consoles	ACC8152	15" Capacitive Touch	1,000	50	✔	✔	✔*	✔*	✔*	✔*	✔	✔	✔*	✔*
	ACC7152	12.1" Resistive Touch	400	50		✔	✔	✔*	✔*	✔*	✔	✔	✔*	✔*
	ACC7072	7" Resistive Touch	400	50		✔	✔	✔*	✔*	✔*	✔	✔	✔*	✔*
Field Configurable	Zephyr 3	7" Resistive Touch	120	12			✔	✔	✔	✔	✔	✔	✔*	✔
	Zephyr 2	3.5" Resistive Touch	100	6			✔	✔	✔	✔	✔	✔	✔*	✔
	EOS 1301	2.8" Touch Panel	60	4							✔	✔	✔*	✔
	EOS 1201	2.8" Touch Panel	60	4							✔	✔	✔*	
	EOS 1101	2.8" Touch Panel	0	4									✔	✔

*Optional

2

EOS Consoles

The EOS line of consoles is ideal for smaller cleanroom installations **up to four rooms/zones and 60 FFUs**. They feature touch-capable icons and connectivity with your BMS protocols, making it a dynamic small-system console for environmental monitoring and control.

FFU Control & Monitoring Combination

EOS 1301

- Easy installation with a single CAT5 cable drop to provide both power and communication.

- Menu-driven configuration options.

- Monitors FFUs and identifies errors.

- Monitor and alarm up to 6 different sensors.

- Supports BMS integration with optional gateway for BACNet MS/TP or BACNet IP.

✓ 2.8" color touchscreen

✓ Compact; fits in a single-gang junction box

✓ Supports up to 4 zones and 60 FFUs

✓ Built-in buzzer for alarm notification

EOS 1101 - GW

- For environmental monitoring without fan control. This unit has the same intuitive setup as the EOS 1301.

- *Monitoring Only units include a gateway for BACNet MSTP or BACNet IP BMS integration.*

EOS 1201

- The EOS 1201 includes all the fan control features of the EOS 1301, but without sensor monitoring.

- *FFU Control Only units are available with or without a gateway for BACNet BMS integration.*

Zephyr Consoles

The Zephyr line of consoles can handle cleanroom installations **up to 12 rooms/zones and 120 FFUs** with additional features to enhance the user experience during installation and operation. The interconnectivity with your BMS communication protocols, larger color screen, superior performance for intelligent multi-system control and environmental monitoring and additional customization options make the Zephyr consoles a true all-in-one cleanroom control console.

Zephyr 2

- Group and configure FFUs and sensors with menu-driven options.
- Add AirCare Digital Sensor Module(s) for Temp, R/H, and Pressure.
- Three (3) levels of FFU speed control for run and standby modes (global, zone, and individual level).
- Error/Data Logging with onboard SD card.
- Connect to a BMS via MODBUS TCP/IP or add the optional gateway (-GW) for BACNet MS/TP or BACNet IP.

- ✓ 3.5" color touchscreen
- ✓ Supports up to 6 zones and 100 FFUs
- ✓ Up to 10 digital inputs and 6 relay outputs
- ✓ Up to 6 particle counters
- ✓ Built-in audible and visual alarm
- ✓ Clock and calendar feature to set standby periods

Zephyr 3

- Includes all the features of the Zephyr 2 with expanded capability.
- Zephyr 3 has a larger screen and can be configured to include up to 120 FFUs and as many as 12 zones.
- More zones allows for more Digital Sensor Modules (DSMs) and more Particle Counters.
- Connect to a BMS via MODBUS TCP/IP or add the optional gateway (-GW) for BACNet MS/TP or BACNet IP.

- ✓ 7" color touchscreen
- ✓ Supports up to 12 zones and 120 FFUs
- ✓ Up to 16 digital inputs and 10 relay outputs
- ✓ Up to 12 particle counters
- ✓ Built-in audible and visual alarm
- ✓ Clock and calendar feature to set standby periods

ACC Custom Consoles

The ACC custom consoles are the most customizable, versatile, and high-performing cleanroom consoles available, capable of handling **up to 50 rooms/zones and 400 FFUs**. They feature many of the same functions as other console families such as data logging and connectivity with your enterprise-wide communication protocols. However the ability to tailor the console to the precise needs of the costumer make the potential of this console **seemingly limitless!**

ACC7072 & ACC7152

- Custom programming to match your controlled space (floor plan, FFU location, sensor location).
- Allow our engineers to tailor to your space by integrating analog sensors, door interlocks, status-indicating stack lights, particle counters, lighting control, HVAC control, and much more!
- Log environmental data to SD card to assist with your compliance needs.
- Optional BMS integration through either BACNet MS/TP or TCP/IP.

✓ Standard 7" color touchscreen with ACC7072

✓ Optional 12.1" screen with ACC7152

✓ Supports up to 50 zones and 400 FFUs

✓ Facility layout & customer logo are programmed

✓ Built-in audible and visual alarm

ACC8152

- All the features of the ACC7152 with greater capability.
- Perfect for large critical environment installations or fan control projects with BACNet FFUs.
- Control more FFUs, showcase your cleanroom on a larger screen, and directly connect to FFUs via either MODBUS or BACNet protocols.
- Fully custom solutions for all applications and environments.

✓ High-resolution 15" capacitive touch screen

✓ Up to 50 zones

✓ Up to 1,000 FFUs on MODBUS RTU or up to 60 FFUs on BACNet

✓ Facility layout & customer logo programmed

✓ Built-in audible and visual alarm

About Nailor

Nailor Industries, Inc. is known for our industry leading customer focused approach to providing innovative commercial and industrial HVAC products. Nailor manufactures a unique and comprehensive line of products essential for a well designed HVAC system. Product offerings include Air Control & Distribution products, VAV Terminal Units, Green Building products, Fan Coil Units, Electric Duct Heaters, Sound Attenuators, Air Handling Units, and Filter Housings. Coupled with a wide range of product offerings and industry leading design, testing and manufacturing capabilities, Nailor offers a single source solution for all of your HVAC needs.

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