

Save Time • Save Money • Improve Performance

Envirco® Consoles are designed to control/monitor a cleanroom environment. Several options exist depending on the needs of the customer. All Envirco consoles are factory configured to provide the following:

- » Individual speed adjustment
- » Global speed adjustment
- » Global standby speed adjustment
- » Global off adjustment
- » EC motor control RPM monitoring
- » Three views/control levels:
 - Facility
 - Room
 - FFUs

■ ACC7152 Touch Screen

- » 30cm Touchscreen display
- » Up to 400 FFUs
- » Ethernet option available
- » Animated ceiling grid
- » Closed Loop Available
- » Facility Optimization included
- » Up to 24 PID Loops



■ ACC7050/52 Touch Screen

- » 14.5cm Touchscreen display
- » Up to 400 FFUs
- » Ethernet option available
- » Animated ceiling grid
- » Closed Loop Available
- » Facility Optimization included
- » Up to 24 PID Loops



■ ACC7020/22 Graphic Console

- » 6.1cm Monochrome display
- » Keypad entry
- » Up to 200 FFUs
- » Ethernet option available
- » Facility Optimization included



■ ACC7001 LCD Display Console

- » 2 Line LCD display
- » Keypad entry
- » Up to 90 FFUs (ACC7001)



■ Features

- » Easy to Use
- » Easy to install
- » Tailored for cleanroom environments

Envirco consoles are supplied fully customized, to allow plug and play performance at your cleanroom facility

ACC7000 Series Capabilities

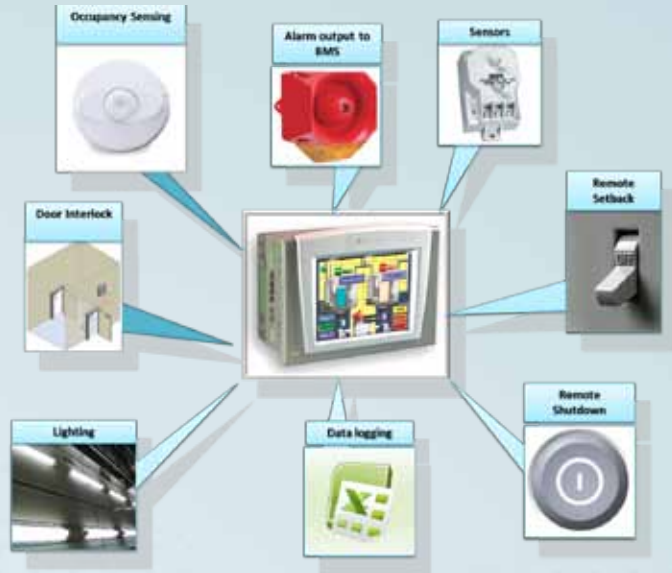
	Facility Opti-mized	Animated	Ceiling Grid	Particle Count	Closed Loop	Door Inter-lock	Ethernet	Max # of Groups	Max # of FFUs	LANs
ACC7001 2 Line LCD				✓		✓		3	90	1
ACC7020 2.4" Graphic Display	✓			✓		✓		25	200	1
ACC7022 2.4" Graphic Display	✓			✓		✓	✓	25	200	1
ACC7050 5.7" Touch-screen, no I/O	✓	✓				✓		50	400	2
ACC7052 5.7" Touch-screen	✓	✓	✓	✓	✓	✓	✓	50	400	2
ACC7152 12.1" Touch-screen	✓	✓	✓	✓	✓	✓	✓	50	400	2

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I/O Options

Envirco Consoles have multiple input and output options available for a cleanroom builder to implement at a low cost. The actual sensors are supplied by the customer.

- » Room control
- » Occupancy sensing
- » Remote setback
- » Remote shutdown
- » Alarm output to BMS
- » Analog sensors
- » 0-10VDC
- » 4-20mA
- » Door Interlock
- » Make up air
- » Lighting control
- » Data Logging
- » Clock Calendar



Closed Loop Control Options

Envirco touchscreen consoles ACC7050/2 and ACC7152 can provide the following:

- » Up to 24 Loops
- » Input from either:
 - » Analog sensor directly into the Console
 - » 0-10VDC
 - » 4-20mA
 - » 0-20mA
- » Connected to AirCare Motor controller
- » 0-5VDC

Typical sensors include but not limited to:

- » Pressure
- » Temperature
- » Humidity
- » Particle count
- » CLIMET CI-3100
- » TSI 7301 and 7501
- » LIGHTHOUSE 3104

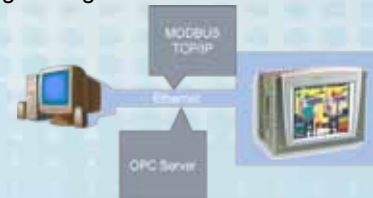
Particle counters can also be tied using MODBUS RTU or MODBUS TCP*

* *Sensors supplied by others*

Ethernet Options

Envirco Consoles allow several Ethernet options to integrate with building management systems.

- » Modbus TCP/IP
- » OPC Server



- » Remote Operator



- » BACnet I/P (requires ACGW003)