

DDC Controls - Factory Supplied and Installed

BACnet compatible Controller

A BACnet compatible controller can be factory supplied and installed in the Change'Air equipment at the factory. The controller enables the control of the room temperature, ventilation and fan(s) to mention just a few of the building automation functions. Peripheral devices include outdoor, mixed and discharge air temperature together with a room sensor/interface and optional current sensors, humidity, occupancy, carbon dioxide or air pressure sensors.

LonMark compatible Controller

A Lonmark compatible controller can be factory supplied and installed in the Change'Air equipment at the factory. The controller enables the control of the room temperature, ventilation and fan(s) to mention just a few of the building automation functions. Peripheral devices include outdoor, mixed and discharge air temperature together with a room sensor/interface and optional current sensors, humidity, occupancy, carbon dioxide or air pressure sensors.

Design & Process Considerations:

If choosing either of these controllers through Change'Air they will be delivered fully programmed with the sequence of operations applicable for the product it is installed within. Care should be taken to include all peripheral devices required in the order details as well as specific direction for the sequence of operation. Some changes to the programming may not be possible after the units leave production.

DDC Controls - Factory Installed (Components Supplied to Factory)

Most unit controllers designed for HVAC equipment can be supplied to the factory for installation. The primary controller along with most peripheral devices located within the unit can be factory mounted saving a lot of time on site. We our best to accommodate all controllers, but there can be some size restrictions.

Design Consideration:

When ordering a factory installed controller that is supplied by others it must be shipped to the factory four weeks after the order is accepted. During that four weeks a controls contact will be required to finalize the wiring schematics and component placement. Change'Air will not preprogram controls supplied to us. We also do not mount any peripheral devices outside the unit. Please be very vigilant in planning to have controls to the factory on time as late shipments will not be accepted or processed.

Zone Thermostat - Factory Supplied (Stand alone, does not communicate)

Change'Air Controls Systems manufactures a fully programmable zone thermostat designed specifically for schools. It can provide most of the functional and operational features of a full DDC package with the exception of communication to a central building management system.

The "Energy Saver" thermostat offers the flexibility of modulating control of valves or actuators, acceptance of occupancy sensors and other temperature sensors as well as being a full programming platform for varied sequences of operation and occupied cycles.

When precise control with versatile function are required but you have tight budgets or building communication is not essential this may be the choice for you. An easy occupied override, user temperature adjustment and backlit digital display are all standard features. The controller can be mounted directly on the equipment or remotely within the room on site.



Design Consideration:

The zone thermostat supplied by Change'Air will be delivered fully programmed with the sequence of operations applicable for the product it is installed within. Care should be taken to include all peripheral devices required in the order details as well as specific direction for the sequence of operation. Some changes to the programming may not be possible after the units leave production.

Change'Air Products and Services LTD reserves the right to update or change products, specifications or information without notice.