S*implicity*® Intelli-*Comfort*™ Controls

Only York® offers the easiest solution to help you take control of controls.

CONTROL

COMFORT

ONLINE ALARMING

NO HASSLE SET-UP

TOTAL HVAC
CONTROL SOLUTIONS

RELIABILITY

OPEN PROTOCOL

LOW COST

HVAC control just became a whole lot smarter and easier!

More control for more savings
Cut energy costs, and achieve higher levels of comfort—automatically with Simplicity® Intelli-Comfort™ controls.

More intelligence for more capabilities
Intelli-Comfort controls use intelligent hardware and software to give you better monitoring, more flexibility in control set-up, and finer control of every aspect of your HVAC system. In addition, the more intelligent the control, the greater savings you will realize through operational efficiencies and conservation.

More control for greater comfort
The flexibility of the Simplicity Intelli-Comfort control means comfortable, happier, and more productive occupants—thanks to the ability to optimize temperature, humidity, and indoor air quality simultaneously.

More compatibility for more flexibility
The controls are compatible with the MODBUS protocol, and are factory-installed on 3- to 25-ton Sunline™ and Predator® products and Millennium® HA/HB Systems.

More power with less effort
Intelli-Comfort is a control that's so easy to use that you actually benefit from the power at your fingertips.

Easier to manage
Intelli-Comfort raises the intelligence of an already smart Simplicity control.

Put the intelligence of Simplicity Intelli-Comfort controls to work in your building.

Simplicity Intelli-Comfort controls give you powerful capabilities without complexity. Easy to set-up, program, and use, the controls give you everything you need to monitor and control Sunline and Predator units. And because they can be connected as your HVAC Energy Management System you can save even more by making the intelligence of Simplicity Intelli-Comfort part of your building automation strategy.

New features for superior monitoring and control

365-Day Real Time Clock with automatic Daylight Savings Time adjustment

Occupancy Schedule allowing two different occupied schedules per day for each of the seven days of the week

20 Holiday Schedules with a length of up to 99 days, each with flexible start times. You can now choose the time of day your holiday begins saving energy

Energy-Saving Economizer Operation with the flexibility of using dry bulb, outside enthalpy and differential enthalpy. Our economizer enthalpy control has setpoints for outside air temperature, supply air temperature, small space cooling demand, and large space cooling demand

Outside Air CO_2 Sensor to close the economizer if CO_2 is present

Inside Demand Ventilation using one CO_2 sensor or differential demand ventilation using inside and outside CO_2 sensors

IAQ Operation with programmable maximum outside air damper position

Comfort Ventilation Control tempers the ventilation air when heating or cooling is not required, increasing comfort

Patent Pending Temperature Humidity Algorithm offsets the operating setpoint based on high humidity in the space—with programmable limits to control humidity

High and Low Ambient Lockout to lockout cooling below or heating above a programmable setpoint of outside air temperature

Space Temperature Alarm when temperatures are outside of program setpoints. Alarm setpoints are user programmable

Unit Monitors Airflow to detect dirty filters and insufficient airflow

Intelligent Recovery brings the space temperature to the occupied setpoint just before or at the beginning of the first occupied schedule each day. The control will "learn" and apply the minimum runtime required to heat or cool the space to minimize energy use

OVER 130 YEARS OF DESIGN INNOVATION AND COMFORT

❄ **YORK**®
It's time to get comfortable.

Simplicity® Elite™ Controls

Only York® offers the easiest solution to help you take control of controls.

C O N T R O L

COMFORT

ONLINE ALARMING

NO HASSLE SET-UP
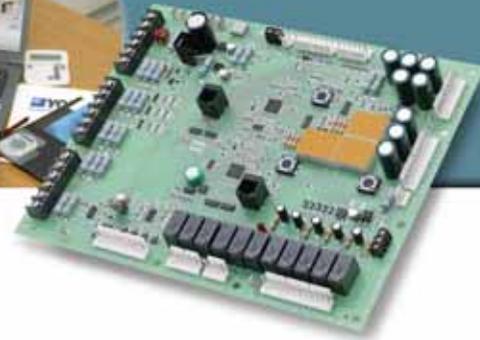
TOTAL HVAC CONTROL SOLUTIONS

RELIABILITY

OPEN PROTOCOL

LOW COST

HVAC control just became a whole lot smarter and easier!

More control for more savings
Improve operating efficiencies, cut energy costs, and achieve higher levels of comfort—automatically with Simplicity® Elite™ controls.

More intelligence for more capabilities
Simplicity Elite controls use powerful hardware and software to give you better monitoring, more flexibility in setting, and finer control of every aspect of your Millennium® HVAC system. And the more intelligent the control, the more money you can save through operational efficiencies and energy savings.

More control for greater comfort
The flexibility of the Simplicity Elite control means more comfortable, happier, and more productive occupants—thanks to the ability to optimize temperature, humidity, and indoor air quality simultaneously.

More compatibility for more flexibility
Factory installed on Millennium Y Series units from 25 to 40 tons. The controls are compatible with the MODBUS Protocol.

Easier to use for greater convenience
Intelligent comfort means control that's so easy to use that you actually benefit from the power at your fingertips.

Cut costs three ways
• Less energy use through smarter control of fans, dampers, compressors, and other units.

• Centralized control and monitoring for less legwork.

• Better monitoring for predictive maintenance and fewer service calls.

Put the intelligence of Simplicity Elite controls to work in your building.

Simplicity Elite controls give you powerful capabilities without complexity. The controls continuously inform you on the health of the HVAC system. Pinpoint small faults before they become big problems. Cut nuisance service calls. Remotely contact up to five people of potential problems with a Simplicity® Transporter. Simply put, Simplicity Elite controls are your first defense and your key to fast, effective predictive maintenance.

Equally important, the controls give you even more comfort through superior control of your HVAC system, with flexible setpoints, flexible occupancy schedules, and flexible balancing of temperature, humidity, ventilation, air quality, and economizer operation. The result is increased comfort for occupants.

The features you need for total control
Single Button Programming

Single or Multiple Zones for constant- or variable-air volume

365-Day Real Time Clock with automatic Daylight Savings Time adjustment

Occupancy Schedule allowing two different occupied schedules per day for each of the seven days of the week

20 Holiday Schedules with a length of up to 99 days, each with flexible start times. You can now choose the time of day your holiday begins saving energy

Energy-Saving Economizer Operation with the flexibility of using dry bulb, outside enthalpy and differential enthalpy. Our economizer enthalpy control has setpoints for outside air temperature, supply air temperature, small space cooling demand, and large space cooling demand

Inside Demand Ventilation using one CO_2 sensor

IAQ Operation with programmable maximum outside air damper position

Comfort Ventilation Control tempers the ventilation air when heating or cooling is not required, saving energy costs

Temperature Humidity Algorithm offsets the operating setpoint based on high humidity in the space—with programmable limits to control humidity

Low and High Ambient Lockout to lockout cooling below or heating above a programmable setpoint of outside air temperature

Space Temperature Alarm when temperatures exceed setpoints by a programmable limit

Smoke Purge automatically ventilates space when smoke is detected

Switch Monitors to detect dirty filters or faulty fans

Intelligent Recovery to bring space to the occupied setpoint just before or at the beginning of the first occupied schedule each day. The control will "learn" and apply the minimum runtime required to heat or cool the space to setpoint

Anti-Short Cycle Delay of 5 minutes to prevent energy-wasting short cycling

Gas Monitor for safe heat operation

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