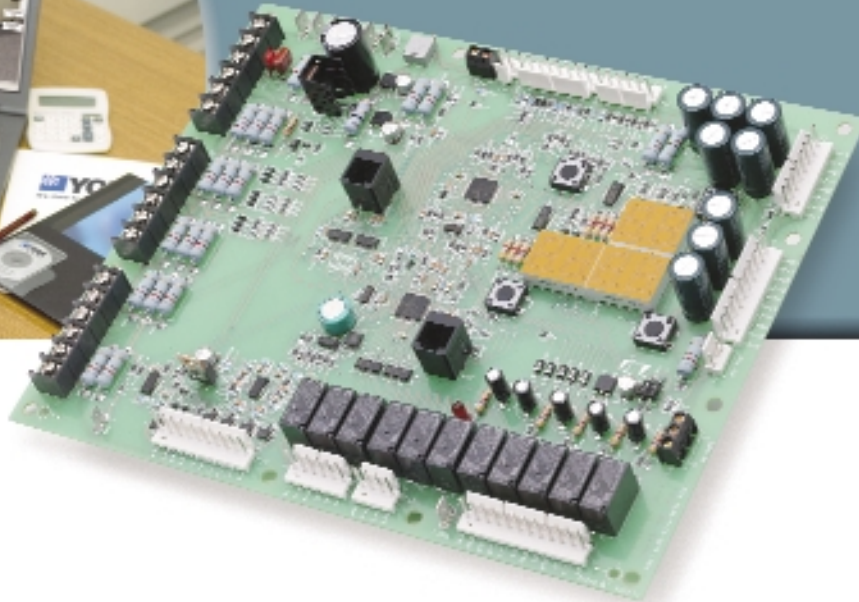


# Simplicity<sup>®</sup> Elite<sup>™</sup> Controls



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<sup>®</sup> Elite<sup>™</sup> 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<sup>®</sup> 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 patented 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<sub>2</sub> 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



**It's time to get comfortable.**