



OPERATING YOUR FURNACE

USER'S GUIDE

ROOM TEMPERATURE CONTROL

Adjust the room temperature set point via your wall thermostat. If the room temperature drops below the thermostat set point, the thermostat initiates a heat call and energizes the blowers in Serenity.

On a heat call, Serenity's variable speed core blowers automatically adjust speed in relation to the brick core temperature to maintain a comfortable discharge air temperature. The supply air blower then delivers the heated air into your living area through the duct system to satisfy heating requirements.

When used to supplement heat pump systems, Serenity replaces the resistance strip heat, which is typically required as a supplement or back-up to the heat pump system. A duct sensor monitors the discharge air temperature. If the demand for heat is at a point where the heat pump alone cannot maintain the desired duct temperature, stored heat is used to supplement the heat pump and keep your home at a consistent, cozy temperature.

CHARGING THE BRICK CORE

Serenity's elements are used to store energy in its brick core. The amount of heat stored is automatically regulated in relation to outdoor temperature and heating requirements. As the outdoor temperature gets colder and heating requirements increase, Serenity stores heat accordingly.

MAINTENANCE & CLEANING

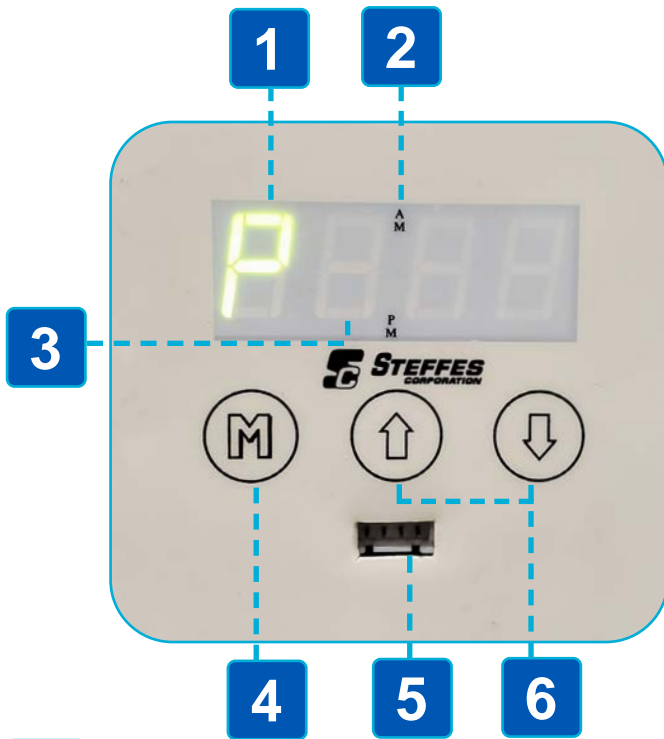
Serenity is easy to maintain. Steffes recommends changing filters in the return air ducts every 90 days to ensure proper operation and to maintain overall efficiencies. No additional routine maintenance is required.

If using a heat pump or air conditioning system with Serenity, follow the manufacturer's maintenance and cleaning recommendations for these devices.

TROUBLESHOOTING

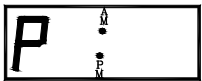
If Serenity displays an error code, contact a qualified technician. To find a qualified technician near you, visit www.steffes.com/ets/dealer-locator and enter your postal code.

SERENITY CONTROL PANEL DISPLAY KEY



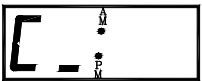
1 PEAK STATUS

The letter displayed indicates:



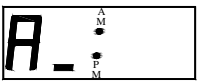
Peak (P)

During this period, the system is not allowed to charge. In time-of-use (TOU) areas, the Serenity can charge; **however, the cost of power will be more expensive.**



Charge (C)

During this period, the system is allowed to charge, and **the power costs are at their lowest.**



Anticipated Peak (A)

This period is also referred to as a pre-peak, mid-peak, or shoulder charge. It is generally used in time-of-use (TOU) areas where there is a three-tiered rate. **Electricity used during this period is less expensive than during peak but more expensive than during charge.**

2 AM & PM INDICATORS

The AM and PM indicator lights are only utilized if the optional Steffes Time Clock Module is installed and using the 12-hour time display. If Serenity is configured to display 24-hour (military) time, both the AM and PM lights will be illuminated at the same time.

3 ELEMENTS ENERGIZED

The second digit of the display indicates whether elements are energized and whether an internal timer is active.

The lower dash indicates if any of the elements are energized. If the lower dash is illuminated, Serenity has energized at least one of the eight elements.

The upper dash indicates an internal timer is active. For example, in Nova Scotia, Canada, the upper dash would be illuminated from 7 a.m. to 4 p.m. as internal timers are used to build in Nova Scotia Power's afternoon shoulder (anticipated peak) period. The dash is on from 7 a.m. to noon to indicate the timer for a 5 hour peak period and from noon to 4 p.m. to indicate the timer for their 4 hour anticipated peak period.

4 MENU BUTTON

The Menu button is used to access menus. To see the HELP menu, press and release the Menu button. For more information on the HELP menu, refer to the Owner's and Installer's Manual.

5 PROGRAMMING PORT

Allows qualified technicians external access for advanced operating modes, updating software, and troubleshooting.

6 UP & DOWN ARROW BUTTONS

Use to scroll up or down when viewing or modifying operating status, refer to Owner's and Installer's Manual for more information.

