



# Quick Reference Card

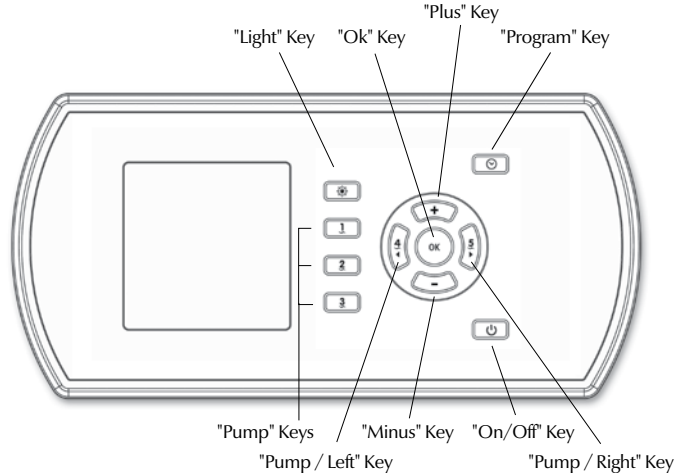
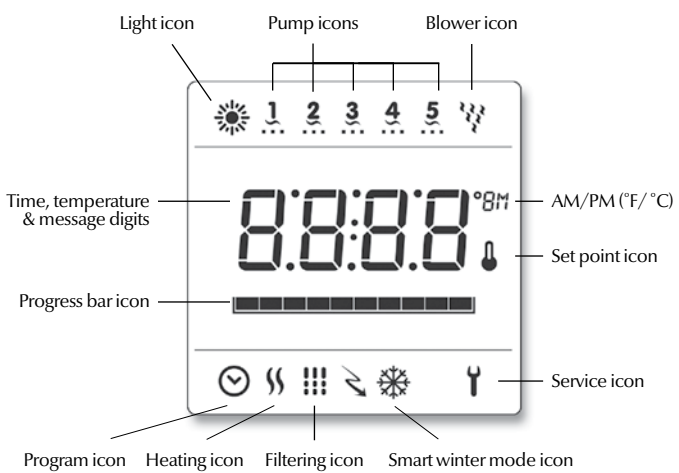
Please consult your spa user manual for complete info on the features of your spa system.



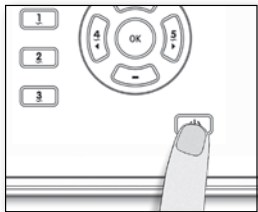
## in.k600™ with in.xm™ Compact full-function keypads for in.xm™ spa systems

Aeware's® advanced in.k600™ keypad features a low profile with a large LCD display, streamlined interface and raised keys that let users easily control all in.xm™ functions and programming directly from spa side, creating a true and unique user experience.

### Function Description



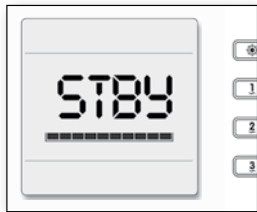
### Spa Functions



#### On/Off key

Depending on the spa manufacturer, this key may have one of the two following functions: On/Off or Standby mode and/or Economy mode.

**On/Off mode:** This mode allows you to stop all outputs including all automatic functions such as filter cycle, heat request and smart winter mode purge for 30 minutes to perform quick spa maintenance. To enter the On/Off mode, just press and release the On/Off key. The display will toggle between the "Stby" message and the water temperature. Press the On/Off key again to restart the system



before the expiration of the 30 minutes delay. The spa light will flash a few seconds before the end of the 30 minutes to warn you the system is about to resume its normal operation.

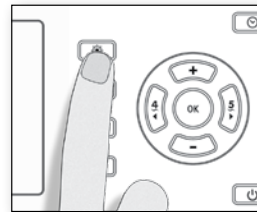
**Standby Mode:** This mode allows you to stop all outputs and automatic functions with the exception of the heat request for 30 minutes. To enter the standby mode, just press and release the On/Off key. The display will toggle between the "Stby" message and the water temperature. Press the On/Off key again to restart the system before the expiration of the 30 minutes delay. The spa light will flash a few seconds



before the end of the 30 minutes to warn you the system is about to resume its normal operation.

**Manual Economy Mode\*:** This mode allows you to save some energy by regulating the water temperature 20°F (11°C) below the actual set point. To enter the manual economy mode, make a long press of 5 seconds on the On/Off key. The display will toggle between the "Econ" message and the water temperature. Make a 5 seconds long press again on the On/Off key to exit the manual economy mode.

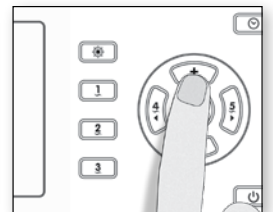
*\*Available on certain models only.*



#### Light key

Press Light key to turn light on. A second press turns light off. A built-in timer automatically turns light off after 2 hours, unless it has been manually deactivated first.

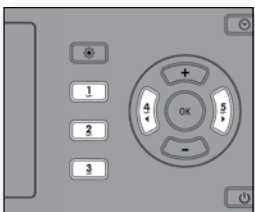
The "Light" indicator lights up when light is on.



#### +/- keys

Use Up or Down key to set desired water temperature. The temperature setting will be displayed for 5 seconds to confirm your new selection.

The "Set Point" icon indicates that the display shows the desired temperature, NOT the current water temperature!

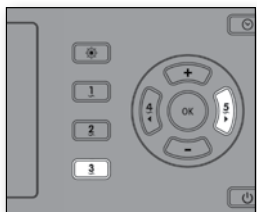


#### Pumps 1 to 5

Press on a Pump button to start the associated pump at low speed. Press a second time to move to high speed (for dual speed pumps\*). Press a third time to shut off the pump. If the pump is not shut off manually, a timer will automatically shut it off after the predetermined time.

The pump icon will be animated when the pump is on. For dual speed pumps, the animation will be slower at low speed, faster at high speed.

*\*Single speed pumps will shut off with the second press.*



#### Blower

Depending on the configuration of the spa and/or keypad, the blower will be activated by either the Pump 3 button or Pump 5 button. The button will control either the blower by itself, or the pump and blower.

**Blower only:** Press the associated Pump button to start the blower. Press the button a second time to turn it off.

**Pump and blower:** Successive presses on the associated button will have the following actions (in order): Pump only - Pump and blower - Blower

If the blower is not shut off manually, a timer will automatically shut it off after the predetermined time. only - Turn off.

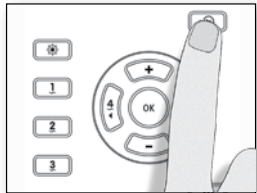
### Programming Steps

#### Programming the filter/ purge cycles

Depending on system configuration your spa will perform either a filter or a purge cycle. The filter cycle menu consists of the following parameters: the start time (FS), the duration (Fd) and the frequency (FF). The purge cycle menu consists of the following parameters: the start time (PS) and the frequency (PF).

A filter cycle consists of starting all the pumps and blower in high speed for 1 minute (purge step) then, the pump associated with the filter will run in low speed for the remaining duration of the filter cycle (clean step).

A purge cycle is used when the spa is equipped with a 24 hour circulation pump which provides a continuous clean step. It consists of starting all the pumps and blower in high speed for 1 minute.



### Program/Filter menu

A quick press of the **Prog** key will allow you to display the clock. A long press of 5 seconds will allow you to enter the program menu. In the program menu, the following parameters can be set: the clock, the filter cycles or the purge cycles, the economy mode and the temperature units. While you are in the program menu, use the up or down keys to adjust the parameters and use the **Prog** key jump to the next parameter. The changes will be saved after the confirmation of the last parameter only. If there is no key press for 10 seconds, the system will exit the program menu without saving the changes.



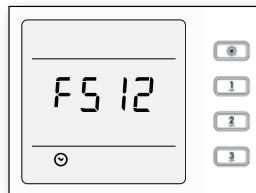
### Setting the clock

Enter the program menu by holding down the **Program** key for 5 seconds. The display will show the current clock setting, the minutes will be on solid and the hours will flash.

Depending on factory settings your system may be set to a 24-hour military notation or a regular 12-hour notation.

**Setting the hour:** Use the **Up** or **Down** keys to adjust the hours (AM/PM). Press the **Program** or **OK** key to jump to the next parameter, the minutes.

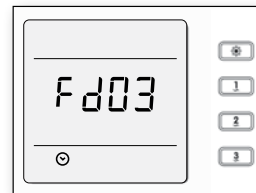
**Setting the minutes:** Use the **Up** or **Down** keys to adjust the minutes. Press the **Program** or **OK** key to jump to the next parameter, the filter start time (FS) or the purge start time (PS).



### Setting filter cycle start time

The display will show **FSxx**, "xx" representing the starting hour of the filter.

Use the **Up** or **Down** key to adjust the hours. Use the **Program** or **OK** key to jump to the next parameter, filter duration (Fd).

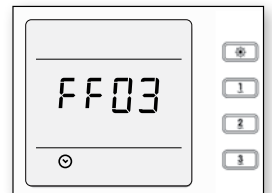


### Setting filter cycle duration

The display will show **Fdxx**, "xx" representing the duration in hour of the filter cycle. Use the **Up** or **Down** key to adjust the duration. Use the **Program** or **OK** key to jump to the next parameter, filter frequency (FF).

0 = no filtration  
24 = continuous filtration

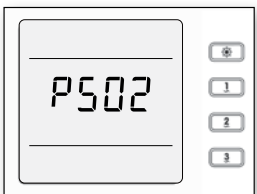
*It's not recommended to set this to "0".*



### Filter cycle frequency

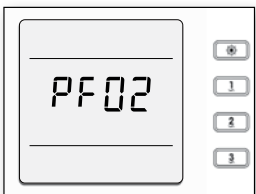
The display will show **FFxx**, "xx" representing the number of filter cycles per day. Use the **Up** or **Down** key to adjust the frequency. Use the **Program** or **OK** key to jump to the next parameter, economy mode (EP).

The "Filter cycle" indicator lights up when filter is on. Flash when suspended.



### Setting the purge cycle start time

The display will show **PSxx**, "xx" representing the starting hour of the purge cycle. Use the **Up** or **Down** key to adjust the hours. Use the **Program** or **OK** key jump to the next parameter, purge frequency (PF).



### Setting purge cycle frequency

The display will show **PFxx**, "xx" representing the number of purge cycles per day. Use the **Up** or **Down** key to adjust the frequency. Use the **Program** or **OK** key to jump to the next parameter, economy mode (EP).

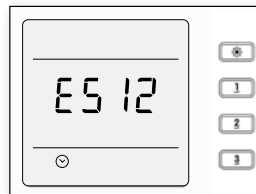
The "Purge cycle" indicator lights up when purge is on. Flash when suspended.



### Setting Economy mode

This mode allows you to lower the temperature set point of the spa by 20 °F (11 °C) during a certain period of the day.

The display will show **EPx**, "x" representing the state of the programmed economy (0 = disable, 1 = enable). Use the **Up** or **Down** key to set the program economy to enable or disable. Use the **Program** or **OK** key to jump to the next parameter, economy start (ES).



### Setting Economy start time

The display will show **ESxx**, "xx" representing the hour at which the economy mode will become active. Use the **Up** or **Down** key to adjust the hour. Use the **Program** or **OK** key to jump to the next parameter, economy end time (EE).

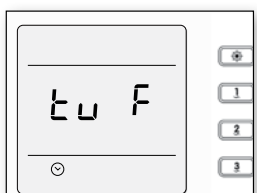
When the Economy mode is ON, the display will toggle between the "Econ" message and the water temperature.



### Setting Economy end time

The display will show **EExx**, "xx" representing the hour at which the system will resume its normal operation. Use the **Up** or **Down** key to adjust the hour.

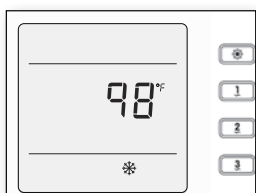
Use the **Program** or **OK** key to jump to the next parameter, temperature unit (tu).



### Setting temperature unit

Water temperature can be displayed in either Fahrenheit (°F) or Celsius (°C). The display will show **tu x**, "x" representing the temperature unit F or C.

Use the **Up** or **Down** key to change the setting. Use the **Program** or **OK** key to save all the parameters.



### Smart Winter Mode

Our Smart Winter Mode protects your system from the cold by turning pumps on several times a day to prevent water from freezing in pipes.

The "SWM" indicator lights up when a freeze condition is detected and flashes when the purge is active.



### Water temperature regulation

In a regulation cycle, the system first generates water flow through the heater housing and the plumbing, in order to ensure accurate water temperature readings as well as avoiding heater activation in dry conditions. After verifying pump activation and taking a water temperature reading if

required, the system automatically turns the heater on to reach and maintain water temperature at Set Point.

The "heater" indicator lights up when the heater is on. Indicator flashes when taking water temperature reading.

### Cooldown

After heating the spa water to the desired Set Point, the heater is turned off, but its associated pump (Pump 1 Low-speed or CP) remains on for a predetermined period of time to ensure adequate cooling of the heating element, this prolongs its useful life. The heater icon flashes during this time.



**Light icon:** The "Light" icon lights up when the light is on.



**Pumps icons:** The "Pump" indicator numbers light up and their icons become animated when pumps are on.



**Smart winter mode icon:** The "SWM" icon automatically turns on when freeze protection is active. It flashes while system purges the spa plumbing.



**Filter Cycle icon:** The "Filter Cycle" icon lights up when filter cycle is on. It flashes when filtering is suspended.



**Heater icon:** The "Heater" icon lights up when the heater is on.



**Blower icon:** The "Blower" icon lights up when blower is on.



**Program icon:** The "Program" icon lights up when Programming.



**Progress bar:** A visual indication of the time remaining before an equipment is turned off or before the end of the standby mode.



**Set Point icon:** The "Set Point" icon automatically turns on when set point setting menu is activated. (SP message on display). It flashes when:  
1- there is a call for heat and heater has not started yet,  
2- heater has just turned off and element is cooling down or  
3- if system is performing a check flow.



**Service icon:** A problem has been detected. Do not enter the water! Spa service is required.