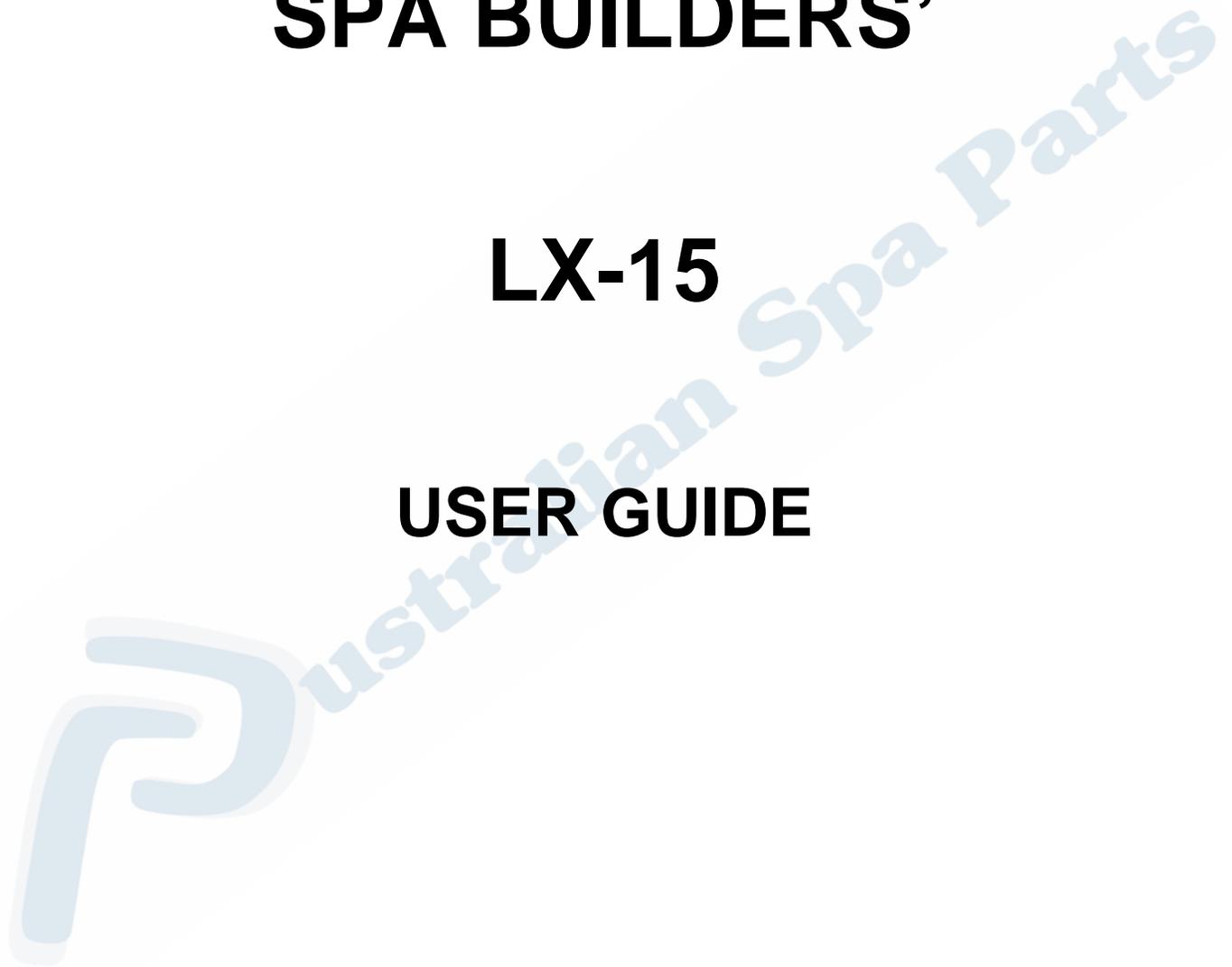


SPA BUILDERS'

LX-15

USER GUIDE



CONTROL PANEL FUNCTIONS

SET TEMPERATURE: Press WARMER or COOLER once to enter set temperature mode. Each subsequent pressing within three seconds will increase or decrease the set point by one degree. After three seconds of no buttons being pressed, the display will return to the actual water temperature and the newly set temperature will be maintained.

JETS 1: First press - low speed pump
Second press - high speed pump
Third press - pump off
(Jets time out - 20 minutes, unless filter cycle is on)

JETS 2 (optional): First press - low speed pump
Second press - high speed pump
Third press - pump off
(Jets time out - 20 minutes)

AIR: First press - air blower on
Second press - air blower off
(blower time out - 20 minutes)

LIGHT: First press - spa light on
Second press - spa light off
(light time out - 1 hour)

ECONOMY AND STANDARD MODES

Economy and Standard modes are mutually exclusive, one or the other will always be active.

ECONOMY MODE: the heater turns on automatically only during filter cycles.

STANDARD MODE: Spa maintains the water temperature at the set temperature. Low speed pump and heater come on automatically as needed to keep water temperature within three degrees of the set temperature. When the set temperature is reached, the heater will turn off followed by the low speed pump turning off thirty seconds later. The filter cycles will proceed as programmed with the heater being activated automatically if the thermostat allows it.

DISPLAY MESSAGES

SN1 Nonfunctional high temperature sensor

This must be repaired or replaced by the dealer or qualified service technician.

SN2 Nonfunctional temperature sensor

This must be repaired or replaced by the dealer or qualified service technician.

FL1 Water flow problem

Pressure switch is not closed when the pump is activated. Heater is deactivated. Proper flow of water is inhibited or pressure switch has malfunctioned. Check for proper water level, pump is primed and/or clogged filter. Pressure switch may need to be adjusted. Contact dealer or qualified service technician.

FL2 Pressure switch problem

Pressure switch is closed, while pump is deactivated. Pressure switch may need to be adjusted. Contact dealer or qualified service technician.

COL Cool condition

If the water temperature drops 20°F (11°C) below the set temperature, the low speed pump and the heater will activate to bring the temperature within 15°F (8°C) of the set temperature. No corrective action is required.

Note: Cool condition can only exist in the economy mode.

ICE Freeze condition

A potential freeze condition has been detected (55°F / 12.8°C.) No action is required. The low speed of the pump will be activated along with the heater. The spa will automatically bring the water temperature up, until the spa is out of danger.

OH High temperature condition

Spa water temperature is above acceptable limits, do not enter spa water. Water temperature has reached 110°F (43.3°C.) The air blower and low speed pump are activated to assist in lowering water temperature.

--- Watchdog

Water temperature has reached 118°F (48°C). The entire system is disabled. Contact dealer or qualified service technician.