



BEHRMANN BUZZ

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XLP Pool Package



LOCHINVAR SMART SYSTEM Puts More Control & Information at Your Fingertips

Lochinvar has enhanced its SMART SYSTEM user interface to provide an even greater level of control than ever before, offering installers and facility managers easier access to all of the information they need to set-up, troubleshoot and monitor all equipment functions. Equipped with several new advanced features, the re-engineered SMART SYSTEM is now standard on all KNIGHT® Residential Heating Boiler models, as well as the KNIGHT® XL Commercial Boiler and the ARMOR® Commercial Water Heater.

Advanced features include:

- Larger display screen
- Multi-Color graphic LCD Display for color coding functionally—blue screen normal; yellow signals maintenance is due; red alerts that appliance is in lockout
- Navigation dial for fast transition between screens
- USB port
- Ability to control up to 3 different setpoint temperatures
- Modbus capability (optional) two-way communication
- Domestic Hot Water Modulation limiting
- Domestic Hot Water Night Setback
- 0-10v Boiler rate output
- 0-10v signal to control variable speed boiler pump
- 0-10v System pump signal input
- Heat demand from 0-10v input
- Installer can program name and number into boiler
- Freeze protection parameters installer adjustable
- Separately adjustable SH/DHW switching times
- Installer access to BMS and ramp delay settings

For more information about the **Lochinvar Smart System**, contact your Behrman Company sales engineer.

Up to 97% Efficiency

Reduced Pool Heating Costs

Smart System Operating Control

Condensing Boiler Design with ASME Construction

External Cupro Nickel Heat Exchanger

The **Lochinvar** XLP Commercial pool heater sets the standard for pool heating applications. The external Cupro-nickel heat exchanger is salt water approved and utilizes shell and tube design. The pool water is isolated from the combustion chamber which reduces maintenance requirements. Its direct vent/sealed combustion isolates the heater from contaminated air within pool equipment rooms. The XLP has a small footprint and comes completely factory assembled and tested, skid mounted on a steel frame. PVC/CPVC vent materials allows for lower installation cost. The hourly cost of operating the XLP at 97% efficiency saves thousands of dollars annually in operation costs over other pool heaters. The XLP pool package is equipped with the **Lochinvar Smart System** as featured in this Newsletter. With these features and cost savings, be sure to contact your Behrman Company sales engineer who can supply you with written specifications and drawings for you next project.