

## Instantaneous Water Heater Series "ECO-PACK Plus"

The Alstrom Series ECO-PACK Plus is a compact, high efficient instantaneous modular hot water heater package. ECO-PACK Plus utilizes ELGE high efficient Shell & Coil Counter-Flow Heat Exchangers and advanced temperature control system which facilitates a quick reaction to steam and water flow changes thereby delivering precise water temperature to end user.

The ECO-PACK Plus Modular Packaged Systems provides an economical reliable solution for the replacement of large hot water storage tanks.



### COMPLETE MODULAR PACKAGES FOR EASE FIELD INSTALLATION:

- ELGE Shell & Coil Heat Exchanger(s)
- Self-Contained Temperature Control Valve  
with Safety Shut Down Actuator
- Steam Trap
- Pressure Gauge
- Temperature Gauge
- Thermal Insulation with Stainless Steel Jacket
- Steel Support Stand

UNIQUE ELGE DESIGN  
SHELL & COIL HEAT EXCHANGERS  
HIGHEST EFFICIENCY  
MODULAR PACKAGED SYSTEMS



### Advanced Shell and Coil Heat Exchangers

*ELGE Shell & Coil Heat Exchangers are designed for steam-water, water-water and glycol applications. They are designed according to the counterflow principle for highest heat transfer efficiency.*



**HIGH PERFORMANCE:** the unique coil arrangement has a large heat transfer area and high heat transfer coefficients.

**COMPACT AND LIGHTWEIGHT:** closely packed tubes makes our shell and coil exchangers compact and lightweight. Small footprint makes it easy to install where space is limited and hard to access.

**LOW MAINTENANCE COSTS:** corrugated tube design produces a high turbulent flow, which reduces deposit build-up and fouling. This means longer operating cycles between scheduled cleaning intervals.

**HIGHER TEMPERATURE DIFFERENTIALS:** helical design allows for higher temperatures and extreme temperature differentials without high stress levels and costly expansion joints.



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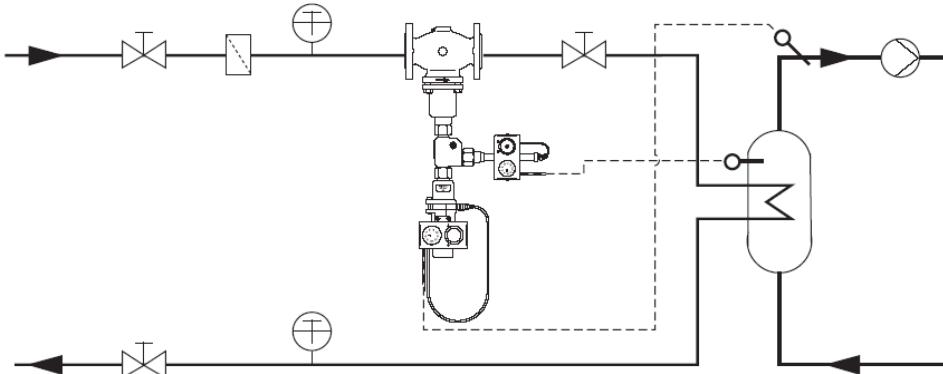
GPM (40 TO 140 DEG. F WITH 15 PSI STEAM)	GPM (40 TO 160 DEG. F WITH 15 PSI STEAM)	APPROX. SHIPPING WEIGHT, LBS
30	15	500
45	30	675
60	45	970
75	60	1385

Many configurations are available to meet most specifications, please contact factory for details.



All in one, self-contained non electric control valve that has been developed for domestic hot water (DHW) applications.

The temperature controller is a self-acting proportional controller for temperature control and monitoring, operate according to the liquid expansion principle.



The control valve combined with a safety temperature limiter that will shut down the valve when the high temperature set point is reached. No electric solenoid valves needed.

- Unfired Steam Generators
- Shell & Tube Heat Exchangers
- Replacement Tube Bundles
- Hot Water Generators
- Instantaneous Water Heaters
- Heat Recovery Systems
- Asphalt Heaters
- Fuel Oil Preheaters
- Fuel Oil Suction Heaters
- Liquid/Vapor Separators