TO: All Dunkirk Customers  
DATE: September 19, 2008  
FROM: ECR International Corporate Marketing  
PRODUCT: Introducing ESC Oil-Fired Steam Boiler

The Dunkirk ESC oil-fired steam boiler now offers improved efficiency and reliability with a newly re-designed heat exchanger, patent-pending protective heat shield and an electronic low water cut-off.

New Product Highlights Include:

Energy Star Rated
- Efficiencies up to 85% AFUE on ESC-365s and ESC4100S units.

New Heat Exchanger Design (Fig. A)
- Features a modified pin deck combined with a patent pending heat shield baffle (Fig. B) to enhance heat transfer and increase the longevity of the boiler.
- A newly added electronic low water cut-off (Fig. C)
  - Does not require flushing which reduces the need for make-up water.
  - Maintains a tighter control of the water level variation during the run cycle.
  - The CycleGard features a built in anti-foaming timer.

Sight Glass and Pressure Switch Piping (Fig D)
- Now repositioned with the addition of the electronic low water cut-off.
- Also changed to brass for added longevity.

New Service Switch (Fig. E)

Other Changes Include:
- The Low Water Cut-off, Burner and Junction Box harnesses were updated to accommodate the new electronic control.
- **Important** – there are now new Beckett burner numbers due to wiring changes related to the addition of the Electronic Low Water Cut-Off. These new numbers are included on the next page. Please note: Riello and Carlin burner options will be available first quarter 2009.

(OVER)
Part Number | Description
---|---
550001940D | BRNR/RELAY, ESC3100SZ/ST, BECK, DRC
550001941D | BRNR/RELAY, ESC4100SZ/ST, BECK, DRC
550001942D | BRNR/RELAY, ESC4125SZ/ST, BECK, DRC
550001943D | BRNR/RELAY, ESC41505SZ/ST, BECK, DRC
550001944D | BRNR/RELAY, ESC5200SZ/ST, BECK, DRC
550001945D | BRNR/RELAY, ESC6250SZ/ST, BECK, DRC
550001946D | BRNR/RELAY, ESC7275SZ/ST, BECK, DRC

We will begin taking orders for the new Dunkirk ESC September 22, 2008.

Model Number | Description
---|---
ESC3100TB0PE0D | ESC3100, COIL, BECK, PKG, ELWCO, DRC
ESC3100TN0PE0D | ESC3100, COIL, L/BRN, PKG, ELWCO, DRC
ESC3100ZB0PE0D | ESC3100, L/COIL, BECK, PKG, ELWCO, DRC
ESC3100ZN0PE0D | ESC3100, L/COIL, L/BRN, PKG, ELWCO, DRC
ESC4150TB0PE0D | ESC4150, COIL, BECK, PKG, ELWCO, DRC
ESC4150TN0PE0D | ESC4150, COIL, L/BRN, PKG, ELWCO, DRC
ESC4150ZB0PE0D | ESC4150, L/COIL, BECK, PKG, ELWCO, DRC
ESC4150ZN0PE0D | ESC4150, L/COIL, L/BRN, PKG, ELWCO, DRC
ESC5200TB0PE0D | ESC5200, COIL, BECK, PKG, ELWCO, DRC
ESC5200TN0PE0D | ESC5200, COIL, L/BRN, PKG, ELWCO, DRC
ESC5200ZB0PE0D | ESC5200, L/COIL, BECK, PKG, ELWCO, DRC
ESC5200ZN0PE0D | ESC5200, L/COIL, L/BRN, PKG, ELWCO, DRC
ESC6225TB0PE0D | ESC6225, COIL, BECK, PKG, ELWCO, DRC
ESC6225TN0PE0D | ESC6225, COIL, L/BRN, PKG, ELWCO, DRC
ESC6225ZB0PE0D | ESC6225, L/COIL, BECK, PKG, ELWCO, DRC
ESC6225ZN0PE0D | ESC6225, L/COIL, L/BRN, PKG, ELWCO, DRC
ESC7275TB0PE0D | ESC7275, COIL, BECK, PKG, ELWCO, DRC
ESC7275TN0PE0D | ESC7275, COIL, L/BRN, PKG, ELWCO, DRC
ESC7275ZB0PE0D | ESC7275, L/COIL, BECK, PKG, ELWCO, DRC
ESC7275ZN0PE0D | ESC7275, L/COIL, L/BRN, PKG, ELWCO, DRC

If you have additional questions regarding this product or would like more information, please contact Customer Service at 800-325-5479.