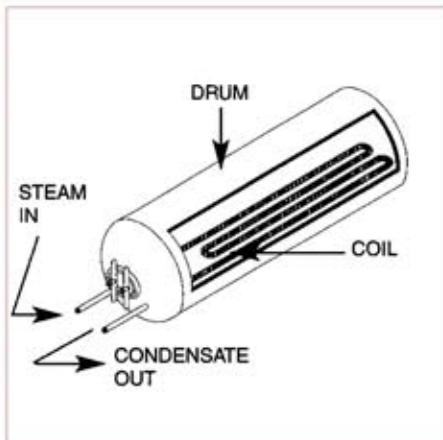


INDECK[®]

Lower Drum Heating Coil for Rapid Startup of Boilers



Indeck's Lower Drum
Heating Coil

An Indeck Keystone Energy designed lower drum heating coil provides a safe method of reducing start-up time on boilers employed in cyclic operations. Cycling idle boilers with the main burner to maintain boiler readiness creates undesirable flue gas moisture on the gas side, uneven stress on pressure parts and refractory, and consumes fuel at low fire inefficiencies.

By using available plant steam, our lower drum heating coil maintains the unit at a predetermined and constant temperature allowing the unit to be brought to full operating condition uniformly and in the least amount of time.

Features

- Indeck's heating coil uses an auxiliary steam source
- Easy installation; IKE sizes heating coils to fit through the lower drum manway to the maximum extent possible
- Assembly/installation drawings are provided by IKE
- All necessary code documentation for the material furnished is provided by Indeck Keystone Energy
- Fabricated in accordance with strict quality standards and ASME Code

Application

IKE's lower drum heating coil can be utilized on any IKE Keystone® Package Boiler. Non-IKE package boilers will be reviewed for feasibility on an individual basis.

Benefits

- Uniformly maintains the boiler in a hot standby condition
- Reduces start up period to reach normal load
- Lower fuel costs than cycling
- Reduces low temperature corrosion
- Decreases stress on pressure parts and refractory
- Keeps gas side of unit dry

For more information,
please contact:

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