

Cigar^{plus} Condensate flashing system

The condensate heat recovery system is widely installed nowadays as an energy saving equipment. The basic principle is to recover the heat by flashing from the condensate coming out from the heaters, evaporators and pans. This heat is utilised in the process house to cut down the exhaust steam demand.

Cigar^{plus} offered by **IPROINDIA** is a multi chambered horizontal condensate flashing system equipped with automation for reliable operation against all the process fluctuations. Apart from the steam saving in the process house, the *Cigar*^{plus} also offers space saving, power saving, maintenance cost saving etc.

There is no underground piling/syphon arrangement required in the *Cigar*^{plus}. Any underground arrangement is difficult to install and causes operational problems as well. The syphon arrangement for the sealing usually fails during the high process fluctuations. Due to the absence of underground piling/syphon, the installation and operation of *Cigar*^{plus} is very easy and reliable.

Design features and benefits

- Designed on ASME standards for longer life and operational safety
- Maximum vapour separation from the condensate to maximize the heat recovery
- Steam saving of ~1 - 2.5% on cane possible
- Centralized condensate handling system
- Fully automatic operation and easy to maintain
- Designed to handle high process fluctuations
- Easy to integrate in the existing or new factory setup
- No underground piling or syphons required
- Space saving
- Power saving as single pump required for condensate removal
- Man power optimization
- High quality workmanship supervised by German & Indian engineers to ensure world class equipment quality
- Light & Sight glasses for operation review and manholes for internal inspection



consultation • project work • engineering design • supervision

