



## DIRECT CONTACT WATER HEATER

**K**emco designs, engineers and manufactures full integrated water systems to match your plant requirements. Water heating is simply the first step in unsurpassed fuel savings, wastewater heat energy reclamation, water conservation, and sewer cost savings. All, full-matching components of a fully integrated system.

Kemco's guaranteed 99.7% fuel efficiency means that for every \$100 spent on gas fuel to heat water, you are guaranteed a return of \$99.70 in energy efficiency. Conventional gas water heaters operate at about 70% efficiency, returning only \$70 for every \$100 spent on fuel. A Steam Boiler, even with a heat exchanger to boost its efficiency, returns only about 65% or \$65 for every \$100 spent.

For full \$100 benefit of gas water heating you would spend:

- Kemco Direct Contact Water Heater at 99.7% efficiency - \$100.30
- Conventional Gas Water Heater at 70% efficiency - \$142.86
- Steam Boiler and Heat Exchanger at 65% efficiency - \$153.85

The Kemco Direct Contact Water Heater does not require licensed operator or high pressure insurance. The heater does not require boiler feed chemicals or boiler's high maintenance costs. In many cases, the Kemco Direct Contact Water Heater eliminates the need for steam entirely. It gives you a water system 100% free of your steam system.

Kemco's patented Direct Contact between flame and water burns up a higher portion of the oxygen in the water - as much as 80% compared to conventional heating - reducing oxidization that causes corrosion in pipes and plumbing.

Kemco field engineers evaluate your plant needs, on-site - from water supply to existing equipment to processing goals to sewer requirements - to assure that correct sizing and all technical specifications are met prior to installation. Kemco prepipes all equipment in special 304 stainless steel to assure years and years of trouble-free service. And we include factory start-up and training with every system we sell.

### 99.7% EFFICIENT TE-100

- ➔ Fastest payback of all water heating devices
- ➔ Non Pressure Vessel
- ➔ Stainless steel construction
- ➔ Unlimited capabilities from 15 to over 500 gpm
- ➔ Certified potable water
- ➔ USDA, FDA, UL & NSF certified

