



STACK ECONOMIZER

Kemco's stack economizer is designed to be an energy savings solution to recover heat that would have otherwise been lost out of the boiler stack. Typical gas-fired boilers send 20% or more of their consumed energy out of their exhaust. This loss can mean that for every dollar spent on fuel, the boiler system delivers only 65 to 70 cents worth of useful heat (after transmission losses). The Kemco stack economizer will recover nearly 100% of the heat going up your stack; the dollars saved on fuel in just one year may be enough to pay for the cost of the system. This rapid return on investment exceeds that of other conventional economizer types of equipment on the market today.



FEATURES

- Stainless Steel Construction
- Draft Assistance - Minimizes Back-Pressure on Boiler
- Safely Reduce Stack Gases within 10°F of entering Cold Water Temperature
- Rapid ROI
- Side Stream - No Cold-End Corrosion
- Twice the Recovery when compared to Traditional Fin Tube Economizers

APPLICATIONS

Process Water Preheating and Heating

Boiler Feed Water Makeup Preheating

SPECIFICATIONS

BOILER SIZE (hp)	RECOVERABLE ENERGY (btu/hr)	DIMENSIONS (D X H)	WEIGHT EMPTY (LBS)	WEIGHT FLOODED (LBS)	WATER INLET	WATER OUTLET	FLUE GAS INLET	FLUE GAS OUTLET
100	670,000	30" x 8'	800	1,500	1 1/2"	3"	18"	18"
200	1,340,000	36" x 10'	1,200	2,200	2" - 2 1/2"	4"	24"	24"
300	2,020,000	42" x 10'	1,300	2,600	2" - 2 1/2"	4"	24"	24"
400	2,690,000	48" x 10'	1,400	3,100	2" - 2 1/2"	4"	30"	30"
500	3,360,000	54" x 10'	1,600	3,700	2" - 2 1/2"	4"	36"	36"
600	4,030,000	69" x 10'	1,900	5,300	2 1/2" - 4"	4" - 6"	36"	36"