

# HRSR HEAT RECOVERY SILENCER RADIAL



GOVERNMENT/MUNICIPAL APPLICATION - Page 1 of 2



## SAVINGS COMPARISON ANALYSIS

Customer Name: **York City Cogeneration Systems** Customer Code: **Government/Municipal** Reference: **54294**

**DATA without a Cain System** | **PERFORMANCE with a Cain System**

C600 Microturbine		HRSR-248E26SSP	
Heat Sink	Water Loop	Circulating Liquid Flow	500 GPM
Waste Exhaust Temp	535°F	Final Exhaust Temp.	301°F
Liquid Temp. Inlet	155°F	Liquid Temp. Outlet	163°F
SCFM	7,040	Pressure Drop, Liquid	2.23 PSIG
Fuel Type	Propane	Pressure Drop, Exhaust	0.72" WC
O2 Content	N/A	BTU/hr Recovered	1,964,000
Excess Air	N/A	BTU/hr Saved	2,455,600
Combustion Efficiency	80% (relative)	Total Cost	\$88,329
Fuel Cost Per Therm	\$.60		
Annual Operating Hours	6,000		

**Payback: 12 mo.**  
**Annual ROI: 100%**  
**Annual Savings: \$88,401**

**Life Expectancy Savings: \$1,547,018** (15-20 years)

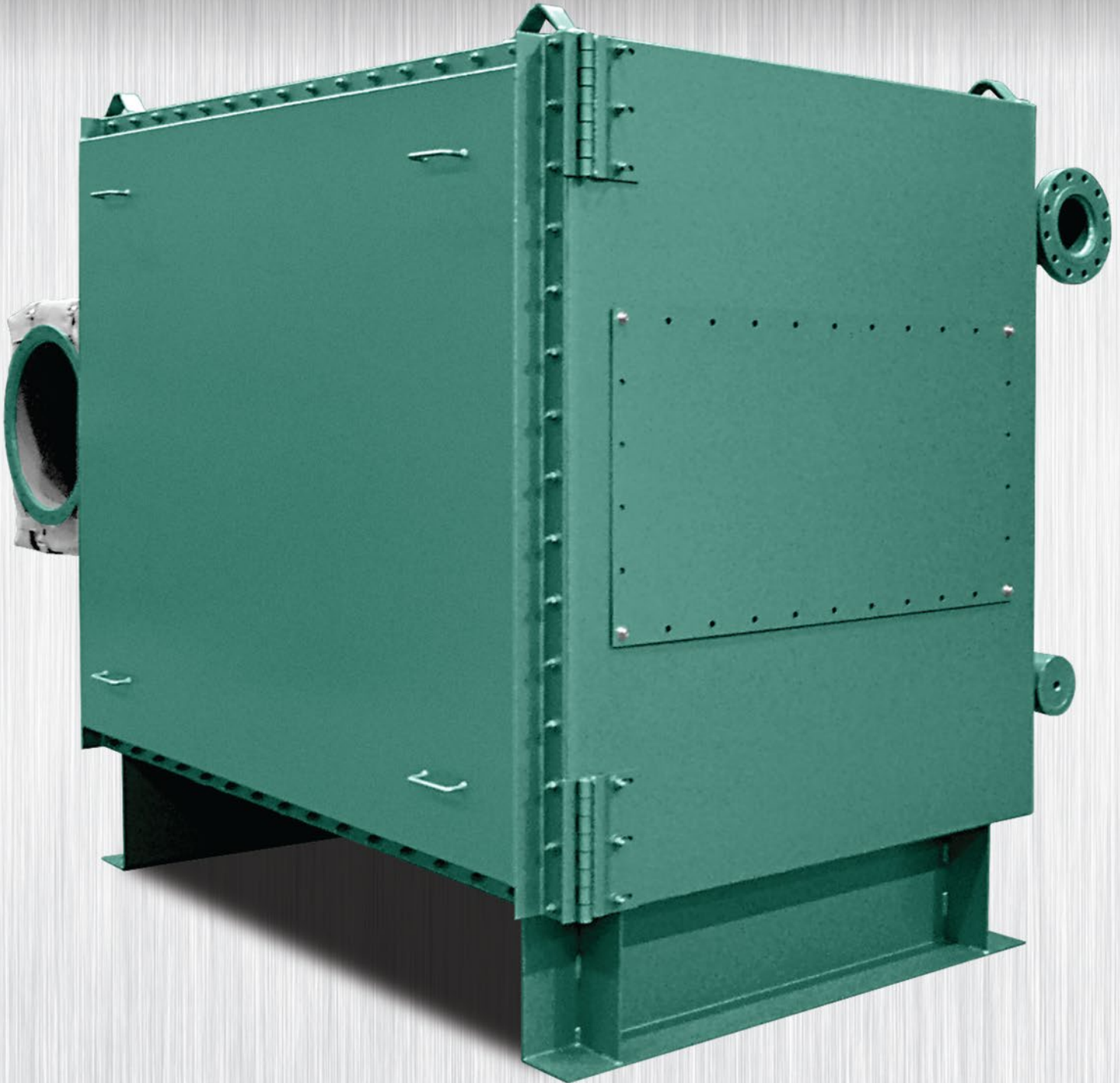
Savings comparison data is based on a conservative fuel cost per therm and approximate operating hours. Contact Cain Industries for your FREE savings analysis proposal.

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