

HRSR HEAT RECOVERY SILENCER RADIAL



GOVERNMENT/MUNICIPAL APPLICATION - Page 1 of 2



SAVINGS COMPARISON ANALYSIS

Customer Name: **Manningham City Council - Australia** Customer Code: Government/Municipal Reference: 54694

DATA without a Cain System		PERFORMANCE with a Cain System	
Quascor SFGLD 240 Engine		HRSR-320825CSP	
Heat Sink	Water Loop	Circulating Liquid Flow	166.9 GPM
Waste Exhaust Temp	709°F	Final Exhaust Temp.	283°F
Liquid Temp. Inlet	186.8°F	Liquid Temp. Outlet	193.5°F
SCFM	1,058	Pressure Drop, Liquid	0.32 PSIG
Fuel Type	Natural Gas	Pressure Drop, Exhaust	0.66" WC
O2 Content	N/A	BTU/hr Recovered	544,000
Excess Air	N/A	BTU/hr Saved	679,400
Combustion Efficiency	80% (relative)	Total Cost	\$38,309
Fuel Cost Per Therm	\$.85		
Annual Operating Hours	6,000		

Payback: 13.3 mo.
Annual ROI: 90%
Annual Savings: \$34,652

Life Expectancy Savings: \$606,410 (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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This HRSR is equipped with an explosion relief door to meet Australian regulations

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**Back View of:
HRSR-320825CSP**