



CARBON REDUCTION



MICROGRID



REDUCE COSTS



BACKUP POWER



RENEWABLE ENERGY



MULTI-FUEL

Engineered to provide reliable and efficient energy, our patented CHP System offers **significant cost savings**, and allows you to generate electricity and capture waste-heat for heating or cooling; maximizing energy efficiency.



Applications

Multi-Family Housing
Hotels & Resorts
Food and Beverage
Microgrids
Healthcare
Controlled Agriculture
Food Processing
Universities

Power Output	Max Power Output	200kW	
	Continuous Power Output	180kW	
	Standby Power Output	150kW	
	Voltage / Frequency	277/480VAC / 60Hz	
Engine	No. of Cylinder	6	
	Aspiration	Turbo Charged	
	Air-Fuel Ratio	Stoichiometric	
Fuel	Gas Type	Natural Gas	
	Min./Max. Allowable Pressure	5 - 35 kPa	0.73 - 5 PSI
	Consumption	200kW Max	2,149,000 BTU
		180kW Continuous	1,963,000 BTU
		150kW Standby	1,654,000 BTU
	Connection Port Size	NPT 1-1/2"	
Gross Efficiency	Generating Efficiency	31.3%	
	Heat Recovery Efficiency	53.7%	
	Overall Efficiency	85%	
Operation Noise	With Radiator Fan (Measured at 1m Distance)	85 dB(A)	
System Dimensions	Width (with Foot Mount)	1,830 mm	72 inch
	Length (with CB Box)	3,200 mm	126 inch
	Height (with Foot Mount)	2,158 mm	85 inch
	Height (with Foot Mount, Cooling Fan)	2,486 mm	98 inch
	Weight Dry / Wet (System Ships Dry)	3.2 Ton (7,054 lbs) / 3.3 Ton (7.275lbs)	
Output	100% Load	200kW	
	90% Load	180kW	
	75% Load	150kW	
	50% Load	100kW	
Recovered Heating Value (Thermal Output)	100% Load	336kW	1,146,479 BTU
	90% Load	309kW	1,054,351 BTU
	75% Load	263kW	897,393 BTU
Standard Temperature Difference (Delta)	Supply and Return Flow	ΔT 36°F	
Flow Temperature	Max	95°C	203°F
Heat Recovery	Hot Water Flow	221 LPM	58.4 GPM
	Water Connection Port Size	2"	