



## 2010 Product Catalog



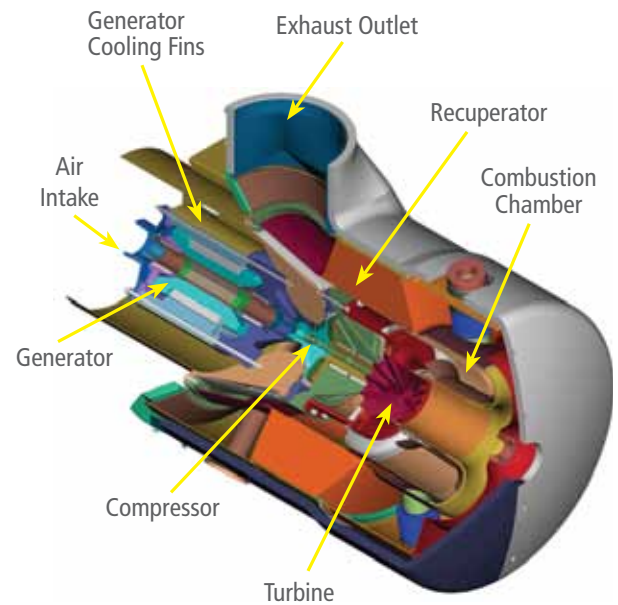
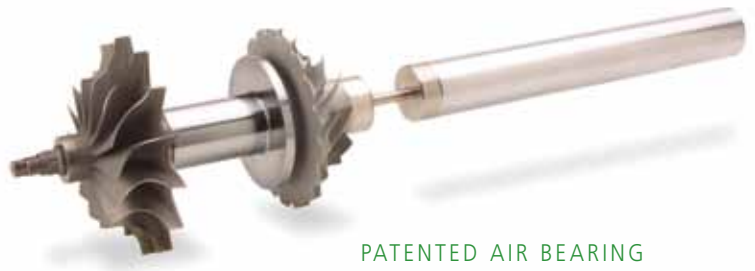
*Reliable power when and where you need it.  
Clean and simple.*

# Capstone Microturbines

Capstone microturbines are used in distributed power generation applications including cogeneration, resource recovery, secure power, and hybrid electric vehicles (HEV).

Low-emission, clean-and-green Capstone microturbines are scalable from 30kW to 10MW. The C1000 Power Package, the world's first megawatt microturbine power system, can be configured into smaller 800kW and 600kW solutions – all within a single ISO-type container. Models are available that operate on: Natural Gas, Propane, Landfill Gas, Digester Gas, Diesel, Bio-Diesel, Aviation, and Kerosene fuels.

- Ultra-low emissions
- One moving part – minimal maintenance and downtime
- Patented air bearing – no lubricating oil or coolant required
- 5 and 9 year Factory Protection Plans available
- Remote monitoring and diagnostic capabilities
- Integrated synchronization and protection
- Reliable – tens of millions of run hours and counting



C30



C65



C65 ICHP



C65 CARB



HAZARDOUS LOCATIONS

Model	Fuels	Power Output <sup>(1)</sup>	Electrical Efficiency	Exhaust Gas Flow		Exhaust Temperature		Net Heat Rate		Dimensions <sup>(2)</sup> (W x D x H)	
		kW	%	kg/s	lbm/s	C°	F°	MJ/kWh	btu/kWh	m	in
<b>GASEOUS FUELS<sup>(3)</sup></b>											
C30 LP	NG	28	25	0.31	0.69	275	530	13.8	13,100	0.76 x 1.5 x 1.8	30 x 60 x 70
C30 HP	NG, P, LG, DG	30	26	0.31	0.69	275	530	13.8	13,100	0.76 x 1.5 x 1.8	30 x 60 x 70
C30 HZLC <sup>(4)</sup>	NG	30	26	0.32	0.70	275	530	13.8	13,100	0.87 x 2.9 x 2.2	34 x 112 x 85
C65	NG, P	65	29	0.49	1.08	309	588	12.4	11,800	0.76 x 1.9 x 1.9	30 x 77 x 76
C65 ICHP	NG, P, LG, DG	65	29	0.49	1.08	309	588	12.4	11,800	0.76 x 2.2 x 2.4	30 x 87 x 93
C65 CARB	NG	65	28	0.51	1.13	311	592	12.9	12,200	0.76 x 2.2 x 2.6	30 x 87 x 103
C65 CARB	LG, DG	65	29	0.49	1.08	309	588	12.4	11,800	0.76 x 2.2 x 2.6	30 x 87 x 103
C65 HZLC <sup>(4)</sup>	NG	65	28	0.50	1.09	325	617	12.9	12,200	0.87 x 3.2 x 2.3	35 x 128 x 90
C200 LP	NG	190	31	1.3	2.9	280	535	11.6	11,000	1.7 x 3.7 x 2.5	67 x 150 x 98
C200 HP	NG, P, LG, DG	200	33	1.3	2.9	280	535	10.9	10,300	1.7 x 3.7 x 2.5	67 x 150 x 98
C200 HZLC <sup>(4)</sup>	NG	200	33	1.3	2.9	280	535	10.9	10,300	1.7 x 3.1 x 2.9	66 x 122 x 114
C600 LP	NG	570	31	4.0	8.8	280	535	11.6	11,000	2.4 x 9.1 x 2.9	96 x 360 x 114
C600 HP	NG, P, LG, DG	600	33	4.0	8.8	280	535	10.9	10,300	2.4 x 9.1 x 2.9	96 x 360 x 114
C800 LP	NG	760	31	5.3	11.7	280	535	11.6	11,000	2.4 x 9.1 x 2.9	96 x 360 x 114
C800 HP	NG, P, LG, DG	800	33	5.3	11.7	280	535	10.9	10,300	2.4 x 9.1 x 2.9	96 x 360 x 114
C1000 LP	NG	950	31	6.7	14.7	280	535	11.6	11,000	2.4 x 9.1 x 2.9	96 x 360 x 114
C1000 HP	NG, P, LG, DG	1000	33	6.7	14.7	280	535	10.9	10,300	2.4 x 9.1 x 2.9	96 x 360 x 114
<b>LIQUID FUELS<sup>(5)</sup></b>											
C30	D, BD, A, K	29	25	0.31	0.69	275	530	14.4	13,700	0.76 x 1.5 x 1.9	30 x 60 x 70
C65	D, BD, A, K	65	29	0.49	1.08	309	588	12.4	11,800	0.76 x 2.0 x 2.1	30 x 77 x 76
C65 ICHP	D, BD, A, K	65	29	0.49	1.08	309	588	12.4	11,800	0.76 x 2.2 x 2.4	30 x 87 x 93
C200	D, A, K	200	33	1.3	2.9	280	535	10.9	10,300	1.7 x 3.7 x 2.5	67 x 150 x 98

<sup>(1)</sup> Nominal full power performance at ISO conditions: 59° F, 14.696 psia, 60% RH

<sup>(2)</sup> Height dimensions are to the roofline. Exhaust outlet can extend up to 7 inches above the roofline.

<sup>(3)</sup> Models available to operate on these different fuels: NG – Natural Gas; P – Propane; LG – Landfill Gas; DG – Digester Gas

<sup>(4)</sup> Hazardous Location units suitable for use in potentially explosive atmospheres (UL Class I Division 2 or Atex Class I Zone 2)

<sup>(5)</sup> Models available to operate on these different fuels: D – Diesel; BD – Bio-Diesel; A – Aviation; K – Kerosene

*Specifications are not warranted and are subject to change without notice.*



C200



C1000

Capstone Turbine Corporation® is the world's leading producer of low-emission microturbine systems, and was first to market with commercially viable air bearing turbine technology. The company has shipped thousands of Capstone turbines to customers worldwide. These award-winning systems have logged millions of documented runtime operating hours.

Capstone is a member of the U.S. Environmental Protection Agency's Combined Heat and Power Partnership which is committed to improving the efficiency of the nation's energy infrastructure and reducing emissions of pollutants and greenhouse gases.

A UL-Certified ISO 9001:2008 and 14001:2004 company, Capstone is headquartered in the Los Angeles area with sales and/or service centers in the New York Metro Area, Mexico City, Milan, Nottingham, Shanghai, Singapore and Tokyo.

For more information about Capstone Turbine Corporation and its clean-and-green microturbine technology solutions, please visit [www.capstoneturbine.com](http://www.capstoneturbine.com) or call 818.734.5300.



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