

Infinity Turbine Launches Innovative Microturbine App for Capstone Green Energy Corporation Turbine Users

Streamline Microturbine Maintenance, Save Costs, and Access Essential Resources for Capstone Turbines

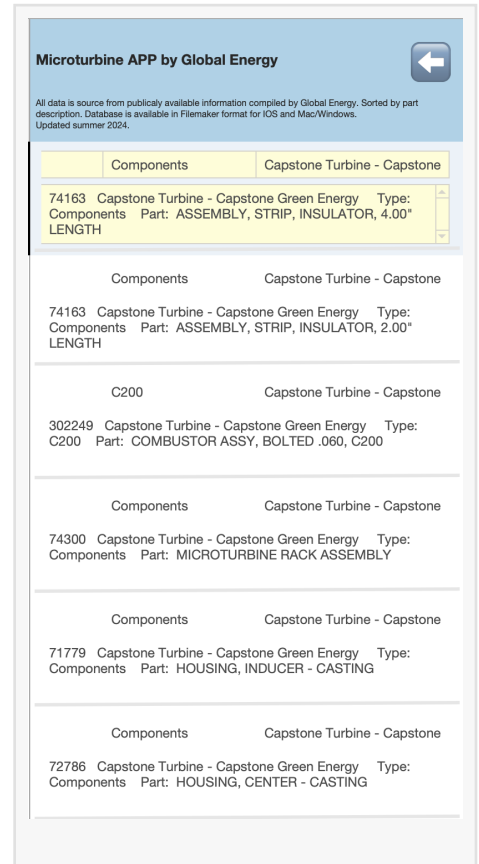
MADISON, WISCONSIN, USA, August 27, 2024

/EINPresswire.com/ -- [Infinity Turbine](#) is proud to announce the launch of its groundbreaking new app, the Microturbine App, designed specifically for customers and service providers of the Capstone Turbine, now known as the Capstone Green Energy Corporation Turbine. This innovative app aims to revolutionize how users manage and maintain their Capstone turbines by providing comprehensive access to suppliers, manufacturers, and essential resources.

The Microturbine App is a game-changer for those operating Capstone Turbine models, including the C30, C60, C65, C200, C600, C800, and C1000. By offering direct access to the suppliers and manufacturers of turbine components and parts, users can save thousands of dollars on replacement parts and consumables like air filters and batteries. This direct purchasing capability significantly reduces costs by eliminating middlemen and providing the most competitive pricing available.

Key features of the Microturbine App include:

- **Supplier Directory:** A comprehensive list of all suppliers and manufacturers for Capstone Turbine components and parts, enabling users to buy direct and save.
- **Patent Access:** Complete access to all patents related to the Capstone Turbine, providing users with crucial information for maintenance and innovation. Many of these patents have expired.
- **Model-Specific Publications:** In-depth publications and resources for the Capstone Turbine C200 model, ensuring users have the latest and most accurate information.
- **Trial and Paid Versions:** The app is available in a free trial version, with a paid version offering additional features, including full supplier contact information (address, telephone, email, and website).



The Microturbine App is designed to be an indispensable tool for anyone involved in the operation or maintenance of Capstone Turbines. The app will be continuously updated as new suppliers are identified, ensuring that users always have access to the best resources available.

Capstone has advanced microturbines, with over 100 patents and cutting-edge engineering, allow users to make their own power, and make distributed energy. Turbines feature an aero-based engine, magnetic generator, advanced power electronics, and air bearing technology. They can operate on a wide range of fuels, including natural gas, biogas, and hydrogen blends. In resource recovery applications, they efficiently burn waste gases that would otherwise be flared or released into the atmosphere.

The high speed 760 V generator has power electronics and inverter technology which can also be used for grid-scale batteries and other applications like compressed air, ORC, and more.

The Microturbine App is now available for download on the website and through [Global Microturbine](#).

About Infinity Turbine

Infinity Turbine is a leading provider of innovative energy solutions, dedicated to enhancing the efficiency and effectiveness of energy generation and management systems worldwide. With a focus on sustainability and cost-effectiveness, Infinity Turbine continues to develop cutting-edge technologies and tools that empower businesses and individuals to maximize their energy resources.

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Capstone Turbine and Capstone Green Energy Publications for C200
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263072320-410066D-TR-C200.
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CAPSTONE C200 MICROTURBINE TECHNICAL REFERENCE
 410066 Rev D February 2015

This document is intended to give the reader a general description of the Capstone C200 MicroTurbine. It includes a description of the major components and how they interact, detailed product performance, and basic application guidance.

Table 7-6. Partial Load Performance at ISO Ambient Conditions (Continued)
CHAPTER 7 PERFORMANCE
 Net Power (kW)
 Net Efficiency (%)
 Exhaust Temp (°F)
 Exhaust Mass Flow Rate (lbm/s)

Net Power (kW)	Net Efficiency (%)	Exhaust Temp (°F)	Exhaust Mass Flow Rate (lbm/s)	Exhaust Humidity Ratio (lbm/lbm)	Exhaust Specific Heat (Btu/lbm-R)	Exhaust Enthalpy (Btu/lbm)	Exhaust Entropy (Btu/lbm-R)	Exhaust Mass Flow Rate (lbm/s)	Exhaust Humidity Ratio (lbm/lbm)	Exhaust Specific Heat (Btu/lbm-R)	Exhaust Enthalpy (Btu/lbm)	Exhaust Entropy (Btu/lbm-R)
71	30.0	360.0	1.76	10.2	0.07120	107.210	0.1718	10.2	0.07120	107.210	0.1718	10.2
72	30.1	400.0	1.71	10.0	0.07140	107.410	0.1718	10.0	0.07140	107.410	0.1718	10.0
73	30.2	440.0	1.70	9.8	0.07160	107.610	0.1718	9.8	0.07160	107.610	0.1718	9.8
74	30.3	480.0	1.70	9.6	0.07180	107.810	0.1718	9.6	0.07180	107.810	0.1718	9.6
75	30.4	520.0	1.70	9.4	0.07200	108.010	0.1718	9.4	0.07200	108.010	0.1718	9.4
76	30.5	560.0	1.70	9.2	0.07220	108.210	0.1718	9.2	0.07220	108.210	0.1718	9.2
77	30.6	600.0	1.70	9.0	0.07240	108.410	0.1718	9.0	0.07240	108.410	0.1718	9.0
78	30.7	640.0	1.70	8.8	0.07260	108.610	0.1718	8.8	0.07260	108.610	0.1718	8.8
79	30.8	680.0	1.70	8.6	0.07280	108.810	0.1718	8.6	0.07280	108.810	0.1718	8.6
80	30.9	720.0	1.70	8.4	0.07300	109.010	0.1718	8.4	0.07300	109.010	0.1718	8.4
81	31.0	760.0	1.70	8.2	0.07320	109.210	0.1718	8.2	0.07320	109.210	0.1718	8.2
82	31.1	800.0	1.70	8.0	0.07340	109.410	0.1718	8.0	0.07340	109.410	0.1718	8.0
83	31.2	840.0	1.70	7.8	0.07360	109.610	0.1718	7.8	0.07360	109.610	0.1718	7.8
84	31.3	880.0	1.70	7.6	0.07380	109.810	0.1718	7.6	0.07380	109.810	0.1718	7.6
85	31.4	920.0	1.70	7.4	0.07400	110.010	0.1718	7.4	0.07400	110.010	0.1718	7.4
86	31.5	960.0	1.70	7.2	0.07420	110.210	0.1718	7.2	0.07420	110.210	0.1718	7.2
87	31.6	1000.0	1.70	7.0	0.07440	110.410	0.1718	7.0	0.07440	110.410	0.1718	7.0
88	31.7	1040.0	1.70	6.8	0.07460	110.610	0.1718	6.8	0.07460	110.610	0.1718	6.8
89	31.8	1080.0	1.70	6.6	0.07480	110.810	0.1718	6.6	0.07480	110.810	0.1718	6.6
90	31.9	1120.0	1.70	6.4	0.07500	111.010	0.1718	6.4	0.07500	111.010	0.1718	6.4
91	32.0	1160.0	1.70	6.2	0.07520	111.210	0.1718	6.2	0.07520	111.210	0.1718	6.2
92	32.1	1200.0	1.70	6.0	0.07540	111.410	0.1718	6.0	0.07540	111.410	0.1718	6.0
93	32.2	1240.0	1.70	5.8	0.07560	111.610	0.1718	5.8	0.07560	111.610	0.1718	5.8
94	32.3	1280.0	1.70	5.6	0.07580	111.810	0.1718	5.6	0.07580	111.810	0.1718	5.6
95	32.4	1320.0	1.70	5.4	0.07600	112.010	0.1718	5.4	0.07600	112.010	0.1718	5.4
96	32.5	1360.0	1.70	5.2	0.07620	112.210	0.1718	5.2	0.07620	112.210	0.1718	5.2
97	32.6	1400.0	1.70	5.0	0.07640	112.410	0.1718	5.0	0.07640	112.410	0.1718	5.0
98	32.7	1440.0	1.70	4.8	0.07660	112.610	0.1718	4.8	0.07660	112.610	0.1718	4.8
99	32.8	1480.0	1.70	4.6	0.07680	112.810	0.1718	4.6	0.07680	112.810	0.1718	4.6
100	32.9	1520.0	1.70	4.4	0.07700	113.010	0.1718	4.4	0.07700	113.010	0.1718	4.4
101	33.0	1560.0	1.70	4.2	0.07720	113.210	0.1718	4.2	0.07720	113.210	0.1718	4.2
102	33.1	1600.0	1.70	4.0	0.07740	113.410	0.1718	4.0	0.07740	113.410	0.1718	4.0
103	33.2	1640.0	1.70	3.8	0.07760	113.610	0.1718	3.8	0.07760	113.610	0.1718	3.8
104	33.3	1680.0	1.70	3.6	0.07780	113.810	0.1718	3.6	0.07780	113.810	0.1718	3.6
105	33.4	1720.0	1.70	3.4	0.07800	114.010	0.1718	3.4	0.07800	114.010	0.1718	3.4

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Capstone Turbine and Capstone Green Energy PATENTS
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US-6787933-B2

Power generation system having transient ride-through/load-leveling capabilities

Capstone Turbine Corporation

Khalizadeh Claude, Wacknov Joel

2001-01-10
2002-01-10
2004-09-07
2004-09-07

<https://patents.google.com/patent/US6787933B2/en>

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