



Yanmar mCHP: *What it can do for Commercial Applications.*

Yanmar's mCHP (micro-Combined Heat and Power) system uses an internal combustion engine, powered by clean natural gas or propane, to produce both heat and electric power.

Efficiently lowers your power consumption and cost.

Our Yanmar mCHP system efficiently utilizes up to 88% of the fuel burn versus the average 33% burn rate of conventional, "from-the-grid" sources. This proves far more economical in the long run and generally pays for itself in energy savings within a relatively short time. And with peak shaving available you can shift demand for additional efficiencies.

Adds value to the building.

Improving a structure's value makes the Yanmar mCHP unit the best choice for discerning business owners and operators who demand state-of-the-art heating and power systems.

Works with your current systems.

The Yanmar mCHP system is designed to work in conjunction with your current building's system. Its relatively small footprint affords you the flexibility to place the unit where it works best for you. For example, the Yanmar mCHP unit can be integrated into a chiller system for building cooling or it can be used in the manufacturing facilities for process heating. Plus, with the calendar settings in the system controller, you can program the unit to automatically turn off and back on during holiday periods.

Reduce carbon and save water.

The increased efficiency means you'll leave a much smaller carbon footprint. Plus, with our mCHP system, no water is wasted in the production of electricity, unlike traditional power generation.

Predictable power during unpredictable weather.

You'll always have dependable power regardless of the weather outside. With our Black Start model all of your critical security, power and technology systems are always up and running.

Maintenance? Not very often.

The Yanmar mCHP system has an industry-leading maintenance interval of 10,000 hours. So you will benefit from uninterrupted performance hour after hour after hour.

AT HOW THE **YANMAR mCHP**
SYSTEM WORKS

Take a closer look at how the Yanmar mCHP system works and get a better idea how you can benefit from its application.

Go to: <http://us.yanmar.com/products/energy-systems/>