

A photograph showing several people in business attire gathered around a table, looking at architectural blueprints and a physical model of a building complex. One person is pointing at a specific area on the plans. The scene is brightly lit, suggesting an office or meeting environment.

Yanmar mCHP:

What it can do for Architectural Design.

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.

Further distinguish your designs.

Improving a structure's value and your client's lifestyle while lowering the carbon footprint and contributing towards your LEED rating makes Yanmar's mCHP system the best choice for discerning home or business owners who demand state-of-the-art heating and power systems.

Deliver more client comfort and economy.

Yanmar's mCHP unit delivers consistent thermal and electrical energy, providing your clients with complete environmental comfort.

Our 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.

Yanmar's mCHP unit can efficiently heat pools and hot tubs, as well as power the radiant heating systems that melt snow on driveways and walkways.

Less carbon. No water waste.

This increased efficiency means your designs will leave a much smaller carbon footprint compared to those using conventional heating and power sources. And with our mCHP system, no water is wasted in the production of electricity, unlike traditional power generation.

Enhanced, built-in security.

By not being dependent on the power grid, our Black Start mCHP system safely and comfortably maintains operation even when the power goes out. This means your clients' household or business will always stay up and running with security, refrigeration and technology systems continuing to operate.

No additional space required.

Yanmar's mCHP has roughly the same footprint as a conventional heating unit. That means you can put it wherever your design dictates: in the mechanical room, basement, outside on the ground or on the rooftop.

TAKE A CLOSER LOOK
AT HOW THE **YANMAR mCHP**
SYSTEM WORKS

Here's a real-world look at how the Yanmar mCHP system works in an eco-friendly commercial application in Calgary, Alberta, Canada.

Visit: <http://us.yanmar.com/products/energy-systems/case-studies/>