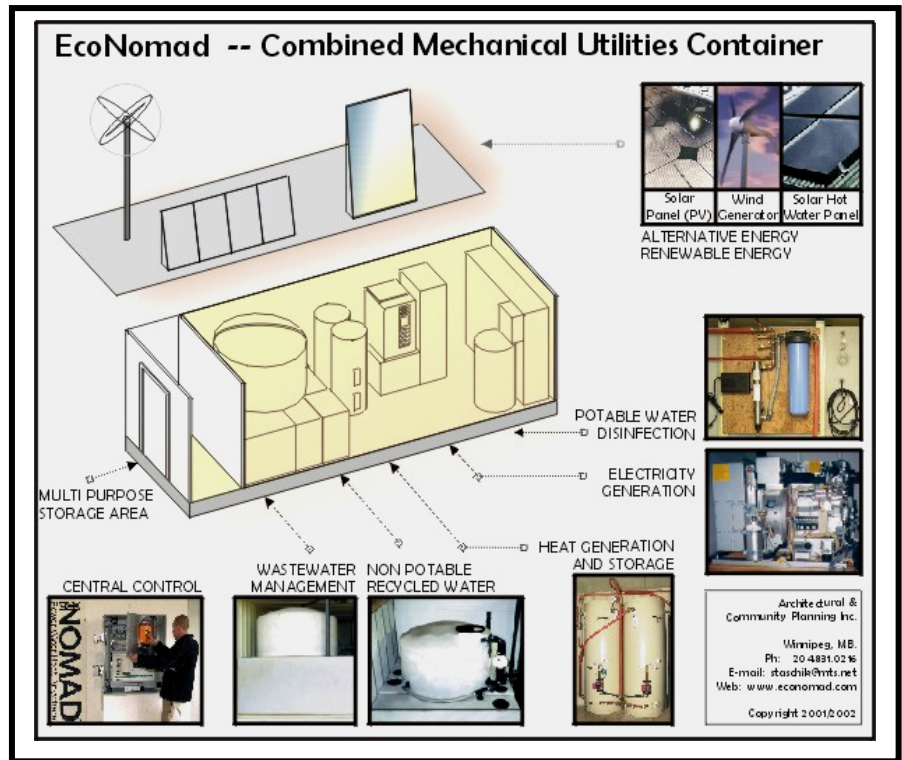


Key feature: “Utility Convenience for remote locations”

**Robust
Transportable
Factory-built**



The “EcoNomad™” is a factory assembled utility and infrastructure appliance.

This unit instantly provides a pre-fabricated and factory tested infrastructure convenience for any location on the globe — making it possible to establish a dwelling, community or small business anywhere and at any time.

The EcoNomad™ Utility Appliance conveniently integrates the following modules into one singular, transportable structure.

- Potable water purification
- Grey water reclamation (optional)
- Domestic hot water supply
- Wastewater Management
- Engine (CHP) based Power supply combined with
- Renewable Energy options (PV, wind, water)
- Space heating (optional / hydronic only)
- Rain water collection & storage (optional)
- Remote monitoring and control (optional)

CONVENIENCE:

- The utility appliance technology is a “platform technology” allowing for numerous adaptations depending on size, climate, cost and anticipated usage patterns.
- To facilitate easy transport by road, rail, water or air to any location in the world, the technology is housed in a standard 8’ by 20’ or 40’ ISO shipping container. The unit can be insulated to allow for operation in the harshest climates.
- The technology is designed as a modular system; equipment and components can easily be exchanged, deleted or upgraded at any time without significantly affecting the overall operation of the core technology.
- The most innovative feature of the EcoNomad™ is the optimization and integration of each component to maximize operational efficiency, minimize interference and to take advantage of mutually beneficial interactions.
- To assure best operation, critical components and equipment are sourced from well known and global suppliers such as: General Electric, Kubota, Izuzu, Sharp, Honeywell, Omron, SJE Rhombus and Johnson Controls.

Three base models are available with the following capacities:

Unit	Occupancy Examples	Capacity	Dimension	Septic tank Capacity	Potable water storage system	Power Supply
EN 20/5	Single family dwelling	3 to 5 person	20’ ISO container	3200 liter	1500 liter	60 Amp 110 / 220 VAC
	Construction site office / guardhouse					
	Seasonal cottage (Single family or duplex)					
EN 20/8	Duplex dwelling	8 to 10 person	20’ ISO container	3700 liter	1500 liter	60 Amp 110 / 220 VAC
	Temporary, semi permanent work camp					
	Remote Research / Ranger Station					
	Public Park (toilet only / no shower)	90 visitors/day				
EN 40/20	Small housing cluster	12 person	40’ ISO container	6400 liter	3000 liter	100 AMP 110 / 220 VAC
	Daycare / Office Building	35 person				
	Remote tourist resort / “EcoLodge”	15 person				
	Temporary work camp	100 pass’ger per day				
	Airport passenger lounge (incl. offices)	64 person				
	Public Campground (inc. toilet & shower)	64 person				

Based on the modular design, additional configurations can be supplied upon request.

TECHNOLOGY:

The EcoNomad™ utility appliance technology was developed between 1999 and 2001.

The research, product development and prototype was supported by Canada Mortgage and Housing Corporation (Research Division), Industry Canada and the National Research Council.

- In 2000, the EcoNomad™ utility appliance technology was chosen for the Canada Mortgage and Housing Millennium Housing Award (Technology Category).
- In 2007 the technology was selected as the national winner (Canada) in the international “Energy Globe” sustainable technology competition; sponsored by the European Parliament in Brussels.

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