The Piranha wastewater heat recovery system from International Wastewater Systems Inc. is the first of its kind in the HVAC market and is primed to redefine green building innovation.

Wastewater is an inexhaustible energy source that is widely unused and has a high thermal potential.

The Piranha is a self contained heat pump that uses a specifically designed direct expansion heat exchanger to extract thermal energy from a building’s wastewater for domestic hot water heating.

The system is efficient, cost-effective and environmentally friendly.

Features:

- Plug and play turn key solution for domestic hot water heating
- Optimized for 50-200 unit residential buildings and stand-alone commercial applications.
- Produces 2,000-4,000 gallons of hot water / day
- 160,000 BTUH nominal heating capacity
- Hot water leaving temperature up to 160F
- Refrigerant: 134a
- Vented double-walled heat exchanger
- Odour free
- Self cleaning
Potential applications:

- Commercial & Retail Buildings
- Schools & Sport Facilities
- Condominiums & Apartments
- Aquatic Centers
- Hospitals & Long-term Care
- Industrial Processes

Performance Data:

[Chart depicting the Piranha coefficient of performance and domestic hot water leaving temperature based on source water temperature of 74 F.]

For more information visit us at [www.sewageheatrecovery.com](http://www.sewageheatrecovery.com)