



# DDI Heat Exchangers

**Inc.,** "RECTANGULAR, SQUARE, CUBE"™  
Don't WASTE the WASTE, use DDI  
HEAT RECOVERY Exchangers. R

## Energy Recovery Solution

## DDI Heat Exchangers Inc.

305 Baffin St. D.D.O., PQ, Canada H9A 3G4  
Tel: 514-696-7961, Fax: 514-696-8344  
Email: [erwin@ddi-heatexchangers.com](mailto:erwin@ddi-heatexchangers.com)  
Web: [www.ddi-heatexchangers.com](http://www.ddi-heatexchangers.com)

### Key contact

Mr. Erwin Schwartz, B.Eng. President  
Email: [erwin@ddi-heatexchangers.com](mailto:erwin@ddi-heatexchangers.com)

Partnering Objectives - We are looking for:

### REPRESENTATIVES, PARTNERS

Hotel Chains; Engineering Firms; Builders; HVAC Contractors; Large workers buildings; Waste Water Treatment Plants operators; Government - Energy Savings Departments

Energy Recovery Solution for Large Buildings & Hotels & Workers Buildings & Laundromats & INDUSTRIAL, WWTP etc.

We Recover heat from

**Wasted Grey / Black Water**

In **LARGE BUILDINGS & HOTELS.**

We recover Heat from the

**Wasted City Sewage,** which flows in the city pipes below the street.

We recover heat in **WWTP**

**"Waste Water Treatment Plants".**

From **wasted hot digested Sludge** leaving the plant - **Directly** - to Preheat the cold raw sludge entering the plant.

### Technology / Product:

#### INNOVATIVE APPROACH IN HEAT RECOVERY.

USING DDI Patented "Rectangular, Square, Cube"™, Very LARGE GAPS. Failed attempts to modify Spiral, and Tube in Shell, Heat Exchangers for Heat Recovery application, due to PLUGGING or BAKING led to development of

**DDI Large Gap Heat Exchangers that provide NON PLUG operation, despite presence of stringy and sticky materials.**

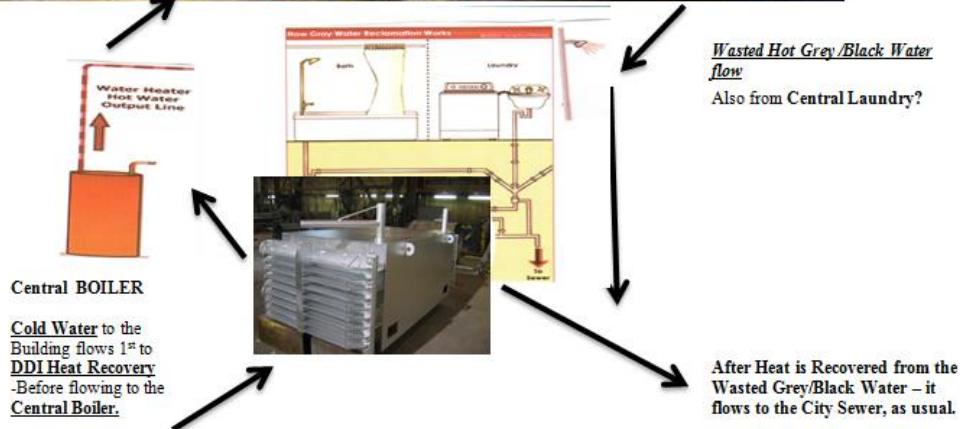


### Markets:

**1 - Wasted GREY / BLACK Water**

**- PRE-HEATING the Entered Cold Water**

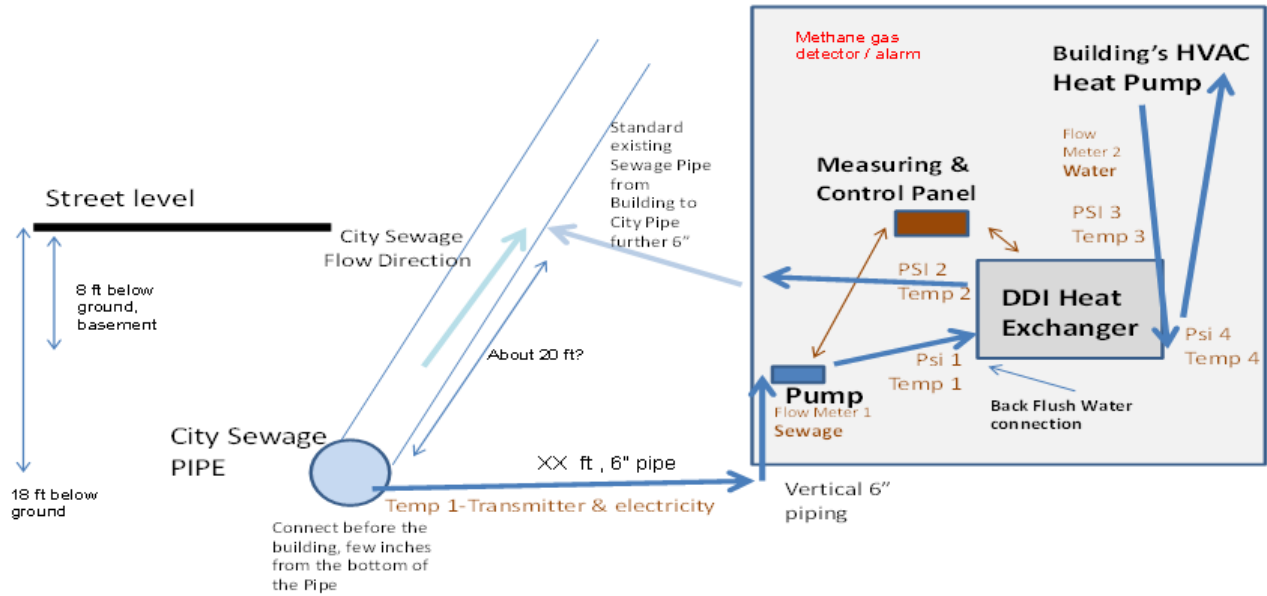
Save 10-30% on buildings, Hotel's heating costs. DUE to DDI's Rectangular channels which comply **efficiently** with the law of DOUBLE Walls.



## 2 - Recovering Energy CITY SEWAGE

Save 20-30% on building's heating & cooling. DUE to DDI's Rectangular channels. Direct flow of the City Sewage to DDI Heat exchanger. Without holding tanks nor screens nor macerators costs.

### DDI Sewage Heat Recovery from the CITY Sewage PIPES – SETUP ver 6



## 3 - WWTP, Waste Water Treatment Plants

Due to DDI's DIRECT-Sludge-to-Sludge Heat Recovery from Leaving Hot Wasted Digested Sludge – directly - to the Entering Cold Raw Sludge. Low risk of plugging due to **very large gaps**, low risk of baking to the surface due to controlled **fast flow** of both sludge sides.

