



Customer operating parameters	
Configuration of ThermoDrain system	1 Equal flow 100%
Operating time per shower (minutes)	10
Frequency of shower per day	4
Flow rate at shower head	9.5 lpm (2.5 gpm)
Water heater efficiency	96%
Select temperature units	F°
Temperature of drain water in F°	101
Temperature of cold water in F°	50

Model selection	Scenario 1	Scenario 2
Model selection	*TDH3335B* Model eff. 42.1%	*TDH3620B* Model eff. 57.2%
Unit nominal efficiency	42.1%	57.2%
Selected configuration efficiency	42.1%	57.2%
Calculations		
Energy recovered yearly	2012 kWh	2733 kWh
GJ recovered yearly****	6 GJ	8.2 GJ
Therms recovered yearly***	77 Therm	104 Therm
Gas volume recovered yearly**	194 m ³	263 m ³

**1kWh = 0.0962m³
 ***1m³ = 0.396 Therm
 ****1kWh = .003GJ

Disclaimer: All **energy savings** listed on this page are by their nature, theoretical. The calculations performed are an estimate of the potential savings under the given circumstances and should be considered as such. EcoInnovation or its associates cannot be held accountable for differences between theoretical and actual energy savings.
 All models shown are efficiency verified under CSA B55.1.