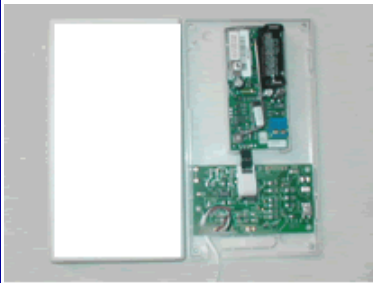


# Gas Allocation System

Time

## Furnace and Hot Water Heaters



The WaterWatch gas allocation system is designed to accurately allocate gas consumption of forced air furnaces and domestic hot water heaters. The energy monitor calculates and decodes run-time of a constant running device or circuit such as a thermostat, valve, motor, pressure switch, etc. and converts the data into a wireless pulse output for data storage and retrieval by WaterWatch. The non proprietary system is efficient and reliable.



The energy monitor considerably reduces resident gas consumption and allows for the recovery of gas costs. Studies show that submetering of utilities can reduce consumption by 20% or more. Once residents are held accountable for their portion of the utility, they will conserve.

### Forced Air Furnace

The energy monitor is installed on each unit's furnace. The monitor calculates and decodes "on-time" for that furnace's gas valve. The microprocessor converts the data into a wireless pulse output for data storage and retrieval by WaterWatch.



### Hot Water Heater

The energy monitor is installed next to the hot water heater and the gas valve is modified with a pressure switch. Sensor wires measure the pressure switch "on time" of the gas valve. The microprocessor converts the data into a wireless pulse output for data storage and retrieval by WaterWatch.

### Why WaterWatch?

- 1) Daily tamper circuitry detects and transmits tamper codes for such issues as: disconnected zone valve, cut wire to zone valve or temperature sensor, removed sensor, zone valve jammed open or closed.
- 2) Data collection via an industry proven non proprietary Inovonics wireless network.
- 3) Customer service is approached with respect, reliability, and honesty.
- 4) A proven submetering company since 1997.

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