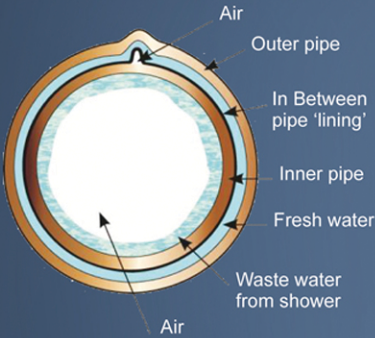




HOW DOES THE SYSTEM WORK



The Recoh-vert is a copper counter flow heat exchanger and works in a cycle.

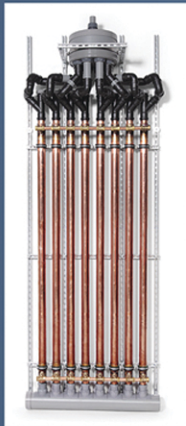
Hot waste water from the shower drains through the shower tray and into the waste pipe system.

Recoh-vert is installed as part of the waste system. As hot waste water passes through the inner bore (grey side) of the heat exchanger, cold mains water is delivered simultaneously through the gap between the inner and outer copper pipe.

Heat exchange takes place and the cold mains water is pre-warmed to a temperature around 25 degrees Celsius before being delivered to the hot water heater and the shower mixer tap's cold water feed. This means the water heater uses much less energy to heat the water to the required level.



RECOH-VERT



RECOH-MULTIVERT

INSTALLATION

The system can be installed in two main configurations. A single Recoh-vert mainly for residential buildings or in a larger bank of 4, 6 or 8 heat exchangers that make up the Recoh-multivert. This type of installation is suitable for larger commercial applications such as hotels, apartments and leisure facilities.

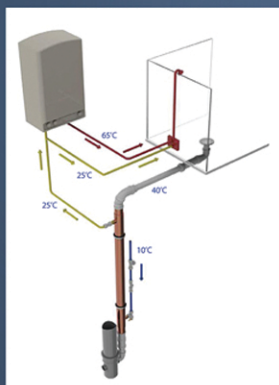


RECOH-VERT

WASTE WATER HEAT RECOVERY SYSTEM

KEY BENEFITS

- Ideal for new builds
- Reduces power bills
- Reduces CO2 emissions
- Low cost, high quality
- Maintenance Free
- Easy Installation
- Reclaims up to 60% of heat lost from waste water
- Works all year round.
- Is not aspect dependent
- Can work in conjunction with solar hot water systems
- Multiple units can be combined for commercial applications such as pools & hotels



RECOH HEAT RECOVERY SYSTEM

can reclaim over 60% of the energy from your hot water appliances and save up to 1000kg of CO2 at the same time!

The RecoH-vert is the only waste water heat recovery system available in Australia. This revolutionary system can reclaim up to 60% of the heat from grey water that would normally be lost down the drain during a shower. In the modern family home, up to 90% of hot water consumption is for showering. The heat Recovery System is very simple. The waste water from the shower or any appliance that needs a constant supply of hot water runs through a copper heat exchanger. The heat from the waste water transfers to the clean fresh water on it's way to the hot water heater. As a result this pre-heating process greatly reduces the energy used by the hot water heater during normal operation.