

# envirotouch™

the intelligent, energy saving solution



- REDUCE** your power bills
- REDUCE** your energy use
- REDUCE** greenhouse gas emissions

**Envirotouch** is a unique product that gives you **greater control over your energy usage**. Replace your existing switches and power sockets so you can turn off lights and appliances without having to be there. At the touch of a button, you can automatically select the running time from multiple preset options (eg. 15, 45, 60 & 120 minutes). For heated towel rails, there are multiple cycles to choose from. You select the default times, whether 15 minutes for a child's bedroom light, 60 minutes for an electric blanket or 45 minutes for a school classroom. **Envirotouch** even operates as a normal on/off switch if you want it too - except it's a lot more intelligent and effective than a normal switch!

**Envirotouch** comes in 4 different models so you can use them throughout the home or workplace and increase the benefits. Consistent use can **significantly reduce your power bills, energy consumption, as well as reducing your carbon footprint**. Controlling the use of appliances ensures devices do not run excessively and burn out, reducing potential risk of fire or injury.

A **cost effective, immediate solution** that can be retrofitted to existing switches and sockets, or installed in new projects with installation costs the same as standard outlets. **Envirotouch** can be used across both residential, commercial and institutional applications for improved efficiency and increased environmental and economic benefits.

Hard wire a room of lights for touch button, point-of-use control, or simply plug-in electric devices to the 3pin socket switch. No longer worry about leaving lights and electric appliances on, when they shouldn't be!



envirotouch™

Single Timer Switch TT-ET1 P & L



Double Timer Switch TT-ET2 P & L



Single 3-Pin Socket Portrait TT-ET3 P & L



Heated Towel Rail Timer Internally wired TT-ET4 P & L



15, 45, 60 & 120 minute options

Single appliance or light circuit (10amp)

2 x appliances or light circuits (2 x 10amp)

Single appliance Plug-in (10amp)

Preset options of 2 x 4 or 2 x 6 hours per day; 30 minutes or 60 minutes ON

## APPLICATIONS

### Indoor & Outdoor Lights

No worries about forgetting to turn off your lights and wasting power. Simply set and forget – and enjoy the savings. Ideal for bedrooms, hallways, lamps, classrooms, offices.

### Small Appliances

Coffee machines, electric blankets, irons etc. can be set to switch off automatically when not in use.

### Heated Towel Rails

Save money by only running towel rail when needed, on daily automatic cycles.

### Heaters

Ensuring heaters are only on when required means no wasted energy.

### Safety Control

Ensure lights and appliances do not run excessively, leading to improved longevity and safer operation.

### Bathroom fans

Set for long enough to clear the moisture and odours, then turns off automatically, without you having to be there.

### Battery chargers

Ensure your batteries never overcharge or waste power. Also can be used with mobile phones.

## FEATURES

### Intelligent control

Multiple timer options at the push of a button. Preset operating cycles on the TT-ET4.

### Automatic countdown timer

15, 45, 60 & 120 minute options (not on towel rail switch). Set and the device will automatically turn off.

### User friendly operation

Can be used as a simple on-off switch or enjoy all the benefits of timer control.

### Simple retrofitting

Easy to replace current switches and power points. (requires neutral connection)

### Low installation costs on new builds

Installation costs on new projects are the same as a standard switch – no extra cost or hassle involved.

### Elegant and subtle design blends with all décor

### "Turn-off" indicator

Imminent turn-off technology will dim the lights to warn you that turn off will occur in three minutes.

## SAVINGS

There are many uses for the envirotouch timer switch range, leading to potentially large savings in power bills, energy consumption and your carbon footprint.

	Residential Applications		
Annual Savings	2.4kw Heater <sup>2</sup>	Towel Rail <sup>3</sup>	Lights <sup>4</sup>
Cost <sup>1</sup>	\$146	\$117	\$110
Energy	584 kWh	467 kWh	438 kWh
GHG	468 kg	374 kg	350 kg

<sup>1</sup> Electricity tariff based on residential rate of \$0.25/kWh

<sup>2</sup> Prevents a 2.4 kw heater (or other appliance) being left on during winter months for 2hrs per day

<sup>3</sup> Prevents an 80W towel rail running continuously all day by using the 2 x 4 hr setting

<sup>4</sup> Prevents lights being left on 3hrs per day throughout the year, based on a room with 8 x 50W halogen globes

GHG - Greenhouse Gas emissions

	Commercial & Institutional Applications		
Annual Savings	Lights <sup>2</sup> 15x15 room 2250W	Lights <sup>2</sup> 10x10 room 1000W	2000W Heater <sup>3</sup>
Cost <sup>1</sup>	\$171	\$76	\$51
Energy	1139 kWh	506 kWh	337 kWh
GHG	911 kg	405 kg	270 kg

<sup>1</sup> Electricity tariff based on commercial rate of \$0.15/kWh

<sup>2</sup> Prevents lights being left on for 2hrs per working day, based on BCA lighting 10W/m<sup>2</sup>

<sup>3</sup> Prevents heater (or other appliance) of 2kw being left on during the winter for 2hrs per day

GHG - Greenhouse Gas emissions

**Thermofilm Australia Pty Ltd**  
17 Johnston Court,  
Dandenong South, Victoria 3175  
Tel: 03 9562 3455  
Fax: 03 9548 3979  
Email: info@thermofilm.com.au  
Website: www.envirotouch.com.au



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### Technical

Operational volt.	230-240 V AC @ 50Hz
Load Capacity	10A resistive
Operating Temp	231-10°C to 45°C
Compliance	AS/NZS 60669 (TT-ET1; TT-ET2; TT-ET4) AS/NZS 60669; 3100; 3112 (TT-ET3)
Power Consump. (switch only)	Less than 1W

