



Intuitive energy saving home automation
designed for New Zealand's unique climate.





Ata Touch has taken home automation to a new level with intuitive technology that gives you sophisticated customised comfort and serious power savings.

YES - you can have a home that intuitively fits the way you live, that is cost effective, expandable and updateable. A comfortable and healthy home that can be scheduled and simply controlled to do the thinking for you.

Create customised comfort zones throughout your whole home

Ata Touch cleverly automates comfort by controlling room-by-room temperatures, creating customised comfort zones throughout your home. Ata Touch Air & Water Advanced, Elite and Ultimate systems give you the luxury of increasing levels of room-by-room temperature control and scheduling for your home without complex and expensive hardware. The Touch Switch sensors measure temperature and movement. The Ata Touch system controls the ducted air flow as required, maintaining the desired comfort levels in each of the rooms whilst dynamically managing energy efficiency. The power savings continue when you leave home with scheduling, away and no motion modes as well as house off, all easily controlled from your Touch Screen and your smartphone.

Relax in the knowledge you'll significantly save on your power bills

Our intuitive automation adapts to your living patterns and optimises energy usage for significant savings while delivering a higher level of comfort and control.



Ata Touch gives power savings of



UP TO 66%
Domestic Hot Water



UP TO 70%
Climate Control



UP TO 72%
Spa Pool Heating



UP TO 70%
Underfloor Heating



UP TO 60%
Swimming Pool Heating

A holistic, human-centred approach to home automation

Easily control your heating, lighting, security, smoke detection, blinds, fires and more.

Ata Touch home automation is different. It is human-centred, focused on energy efficiency, ease of use and affordability. Its holistic all-on-one platform solution manages many aspects of your home, from water heating and climate control to lighting, security, curtains, garage doors, and much more. Control takes place over a single data cable so you don't have to piece together and install multiple layers as each provider adds their own equipment and separate controls. Ata Touch makes it simple for you to manage your home, from practically anywhere, to have the lifestyle you wish for and significant power savings too.



Advancing heat pump technology

The Ata Touch world-first Air & Water solution reduces your water heating bill by up to 66%. It also manages your home heating, whilst maintaining your desired comfort levels, adding up to 15% more power saving. Air & Water uses the standard heat pump sized for your home and not only heats/cools your home and heats your hot water more efficiently, but also saves even more power by better energy management. One example is that generally hot water cylinders waste a large amount of power because they must be set to operate above 60°C 24/7.

Ata Touch controls the cylinder at 54°C and once a week heats it to over 60°C to meet all health standards and regulations, saving all that wasted power from constant overheating.



Elegant control at your fingertips

Ata Touch LED lighting is designed to respond to the moods and changes in your lifestyle. Our extra low voltage LEDs are safe, long-lasting, save energy and give the lighting style you desire.

John Henry Holmes invented the light switch in 1884 and we really haven't progressed until now. Our Touch Switches provide modern touch control for all your lighting needs, including dimming, motion activation and light level sensing. Touch Switches also control room-by-room temperature levels, blinds, windows, fans and much more.

The Touch Screen is the brain of your system, giving you quick and easy control of your home and the ability to schedule each aspect for automatic functioning as you require.

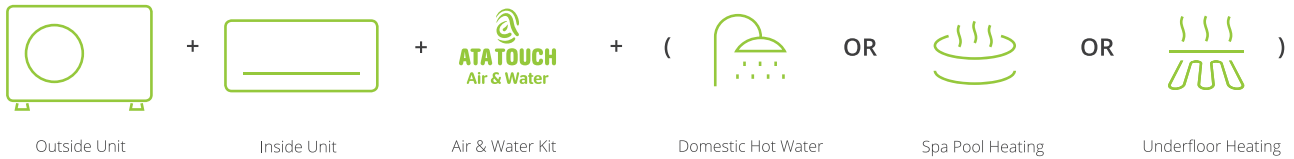
The Ata Mobile App is a mirror of your Touch Screen and, as you would expect, allows you to simply control, schedule, check and run your home from anywhere you have internet connection.

Your home does the thinking for you



Scaleable solutions to suit your lifestyle

Air & Water Essential



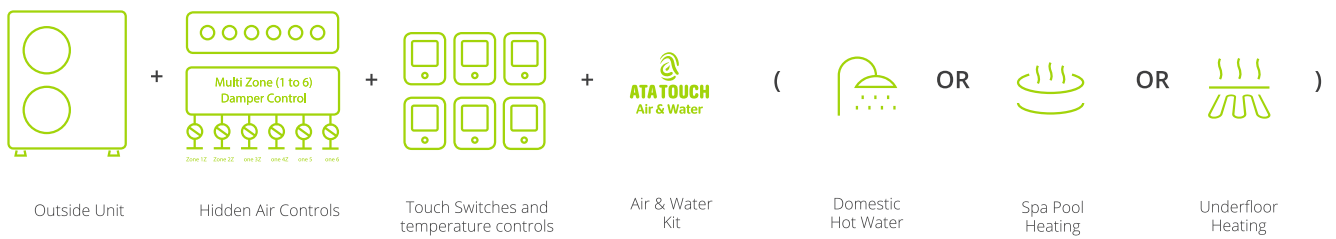
Air & Water Advanced



Touch Screen



Smartphone Enabled (Local and remote)



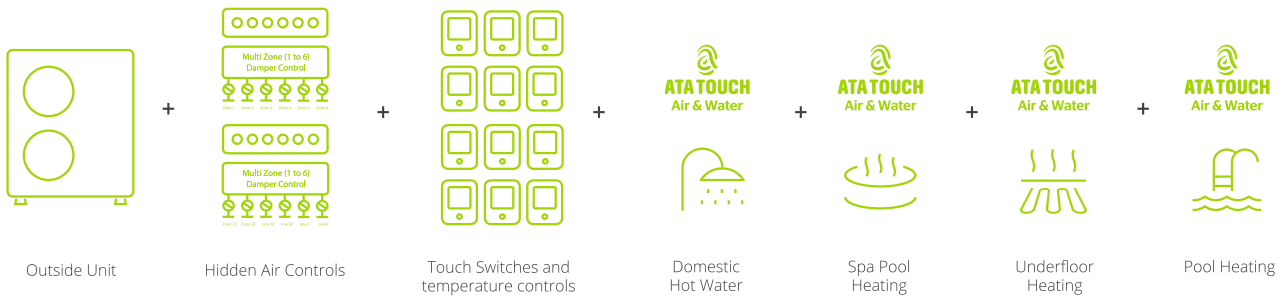
Air & Water Elite



Touch Screen



Smartphone Enabled (Local and remote)



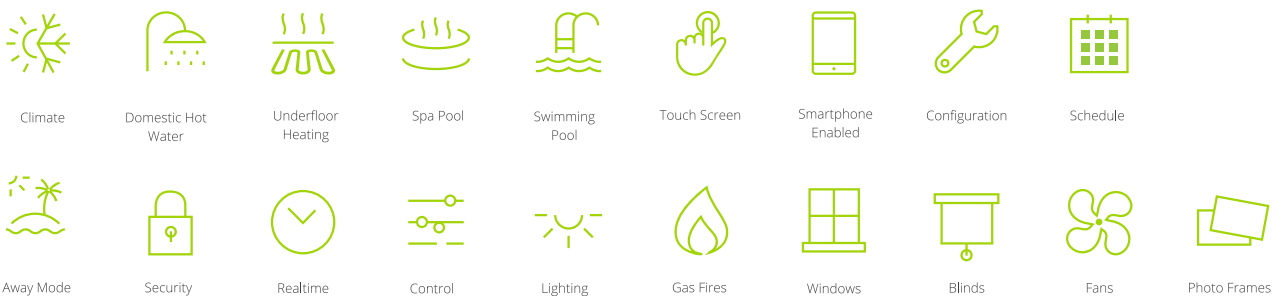
Ata Touch Ultimate



Touch Screen



Smartphone Enabled (Local and remote)



Air & Water Essential

- One Fujitsu e3 hi-wall heat pump for room heating/cooling and water heating – just one heat pump to do two jobs and save on capital outlay.
- Fast and efficient water heating that saves up to 66% on water heating bills.
- Connects to a standard hot water cylinder.
- Timer to schedule optimal heating times.
- Heats water to 54°C, eliminating power wastage.
- Full Legionnaires protection – heats water once a week to above 60°C for 60 minutes.
- Alternatively heat a spa pool or underfloor heating, for even greater savings.

Air & Water Advanced

- One Fujitsu split ducted heat pump for zone controlled ducted air flow (1 to 10 zones) providing room-by-room temperature control and water heating – just one heat pump to do two jobs and save.
- Fast and efficient water heating that saves up to 66% on water heating bills.
- Easy scheduling to automatically better manage your heating and cooling, water heating, and electricity savings.
- Touch Switch control in individual rooms for individual comfort - integrate temperature sensing to minimise wall clutter.
- Away mode scheduling for optimum power saving while you are away on holiday.
- Touch Screen (brain of Ata Touch) control to schedule your home to suit your lifestyle at a touch and remote control via Ata Mobile App.
- Alternatively heat a spa pool or underfloor heating, for significant savings.
- Optional motion sensing to alter the setpoint when no occupancy – greater saving.

Air & Water Elite

- All the features that Advanced and Essential have and much more.
- An engineered solution integrating multiple air handlers and multiple water heating.
- One or many Fujitsu VRF heat pumps (J2, J2S, J3, J3L series) depending on requirements.
- Multi-room ducted air flow with room-by-room temperature control.
- Multiple water heating choices (cylinders, and spa, and underfloor, and swimming pool) all from one or more heat pumps.
- ERV for cleaner air (20% stale air out and 20% fresh air in).
- Maximises water heating to minimise cost based on learned daily usage patterns that ensure hot water is available when you need it.
- Event scheduling to better manage your electricity use. Set away modes or access remotely for re-scheduling.
- Touch Screen control and remote control via Ata Mobile App to suit your lifestyle at a touch.

Ata Touch Ultimate

- Ultimate has every smart cost saving advantage of Air & Water Essential, Advanced and Elite with Touch Screen and smartphone control, plus almost anything else you would want to control.
- Ultimate creates a fully integrated intuitive home automation from lighting to security and fire safety, doors to curtains and blinds, from gas fires to extractor fans, heated towel rails to wall heater and under-tile heating, servo window control to garden watering systems and much, much more.
- Touch Switch technology provides a wide range of control and sensing options on one compact simple device.



Lighting

- All types of cost efficient LED lighting, including feature, ultra thin, passageway, tread, outdoor, security and more.
- Integrated Touch Switch motion sensors provide night light activation that can be reconfigured to suit changing needs.
- Safe 24V DC LED which is fully dimmable throughout.
- LED lights last longer, are easy to install and provide further power savings.
- Simulated away mode lighting and all lights on for escape if smoke alarm activates.

Your intuitive home lighting

Ata Touch LED lighting responds to and changes with your lifestyle. There is standard home lighting, motion activated, scheduled, away mode, alarm escape mode and even mood lighting.

Our lights run on extra low voltage (24 volts DC) so they do not need power units to convert from 230 volts AC to 24 volts DC. This vastly increases their reliability and safety and significantly reduces power wastage.

Ata Touch LED lights save up to 90% on power compared to traditional incandescent lighting, giving the same or better light output, and they will last a whole lot longer. They cut out the hassle of changing light bulbs or replacing standard LEDs, reducing waste and saving you time and money.

Ultra-Thin Downlights

Ata Touch Ultra-Thin downlights are designed for a wide spread of light, ease of installation and no interruption to your ceiling insulation. The diamond cut prismatic diffuser throws the light 170°, saving you money as you use fewer lights. The light fitting is only 8mm thick and is surface mounted, so you don't have to cut big holes in your ceiling or break your insulation barrier, stopping any heat loss. The system is a simple current limited circuit, so the lights don't heat up or waste power and they are safer.

Feature Lighting

Create the ambience you want by adding feature lighting with Ata Touch extra low voltage dimmable vintage LED bulbs. Ata Touch vintage filament LED bulbs come in three sizes G125, G95, G80 and vary in wattage per size.

Show us what fittings and lighting you like, and we will integrate your special lighting needs within your Ata Touch solution.

Pathway Lighting

Our motion activated pathway lighting is ideal where subtle lighting is required for illuminating stairs or down your hallway to easily guide your way. The motion sensors are a small part placed on the Touch Switch and lights can be reconfigured to automatically turn on and off as desired.

Touch Switches

Touch Switches provide multi-functional modern touch control for all your lighting needs, including dimming and zone control. Control is simple - one tap on, two taps off, and touch and hold for special functions. There is less clutter on your walls, less confusion for what turns lights on and off, and lighting is dimmable throughout. Lighting functionality can be easily reconfigured, without the need of re-wiring, using our simple ACB software tool. Lighting is also controlled from your Touch Screen and your smartphone.



Simple control from home or away

Touch Screen control of your home

You can control Ata Touch devices and schedule activity from your Touch Screen which comes with Air & Water Advanced, Elite and Ultimate. The robust screen provides simple icon graphics and is the brain of the Ata Touch system.

The Touch Screen sends control information from one device to another and creates a model of how the house is used to better manage the energy.

In a home there can be a single Touch Screen or there can be many to provide multiple points of control. It is not internet dependent so you can still control your home if the internet goes down.

Ata Mobile App from anywhere

Whether you are at home, at work, in another city or in another country the Ata Mobile App means you can control and monitor many functions of your home such as lights, heating, security, gates, spa and much more from your smartphone.

Ata Mobile App works on Android and iPhone and gives you exactly the same user control interface and features that are on your Touch Screen. If Touch Screen changes are made the Ata Mobile App will automatically adapt to mimic the changes.

Simply control, monitor and schedule your home and receive notification texts on your smartphone to give you convenience and peace of mind. You can easily turn alarms off to let a tradesperson in, turn the heating on earlier than originally scheduled, or decide to heat your spa to have it ready when you come home - all from the comfort of your sofa or from wherever you are in the world.

Send in your plans

Our Ata Touch Configuration Builder (ACB) is a user-friendly graphic tool that allows us to design your Ata Touch solution by placing the Ata Touch devices onto your house plan.

These devices, such as heat pumps, device drivers, Touch Switches, lights and Touch Screens are then connected to set their functionality and control. The ACB magically generates the underlying software for your home which can be reconfigured with ease, on site or remotely. This means that you can change the way you live without rewriting any software. It is quick and flexible, saving time and money.

Simply send in your plans, tell us your desires, and let us create your Ata Touch intuitive energy saving home.





The company behind Ata Touch

TCS (NZ) Ltd is an automation and industrial technology creator, based in Hamilton, New Zealand. We've been in business for more than 30 years and we are renowned for designing, developing and manufacturing industrial electronic products and software with innovative leading edge technologies.

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