

# Air & Water Essential SPA

## Spa Pool Heating



An energy efficient kit provides low-cost climate control in your home and spa pool water heating, all cleverly powered by just one heat pump.

### OVERVIEW

Air & Water Essential SPA provides a low cost means of heating or cooling your home and also heating your spa pool, all powered by a standard Fujitsu E3 heat pump.

The difference with Ata Touch: it uses the same heat pump to heat or cool the air and heat your hot water.

This minimises your capital outlay whilst maximising your return on investment through significant energy savings.



### FUNCTIONS

The Air & Water Essential SPA kit determines whether water is being heated or whether your room requires heating or cooling. Ata Touch also better manages the process to create greater efficiencies by directly controlling the temperature set point more accurately.

Air & Water Essential SPA can run either stand alone or integrated with the Ata Touch automation system.



### FEATURES

- Uses less electricity – saves up to 66% of your spa heating bill.
- Heats water up to twice as fast as an electric element or gas.
- Uses electricity – in NZ a predominantly renewable energy – a great choice for the environment.
- Optional event scheduling to better manage your lifestyle and heat during low energy rates.
- Powered by one of the most trusted heat pump manufactures, Fujitsu.
- The Fujitsu e3 Classic series uses a new thermodynamic system to heat or cool your home environment.
- Hi-Wall models are equipped with 4 fan speeds including quiet fan mode, allowing some of the indoor units to operate as low as 21 or 22 decibels.

## Ata Touch Air & Water Essential SPA

<b>Electrical</b>	Power Supply		1, 230, 6, 50	Ø, V, A, HZ	
	Electric Element (max)	Switched	3	KW	
<b>Performance</b>	Nominal Capacity	Heating	6.0 to 10.3	KW	
	Water Temperature Range	Heating	15 to 40	°C	
<b>Water</b>	Pipe Size	In - Out	20 (3/4) BSP	mm (inch)	
	Distance SPA (Max)		15	m	
	SPA Size (Max)		3000	l	
<b>Sound</b>	Sound Pressure	Heating	5	dB(A)	
<b>Operating Range</b>	Ambient (Air to Water)	Heating	-20 to 32	°C	
<b>Dimensions</b>	Weight		18	kg	
	Dimensions (WxHxD)		310 x 450 x 230	mm	
<b>Refrigeration</b>	Powered By	Fujitsu e3 Split ASTG18KMCA to ASTG34KMCA			
	Refrigerant	Type	R32		
	Pipe Size (outdoor to A&W)	Liquid	6.35 (1/4)	mm (inch)	
		Gas	12.70 (1/2)	mm (inch)	
	Pipe Size (A&W to Hi-Wall)	Liquid	6.35 (1/4)	mm (inch)	
		Gas	12.70 (1/2)	mm (inch)	
	Installation restrictions	Length	30	m	
		Height	30	m	
	Charge (e3 pre charge (1270g) up to 20m + 20g per additional meter + A&W charge)			200	g
	COP (ave 16 to 54°C) @ Ambient 22°C	Heating	4.2	W/W	

## Ata Touch – Energy Efficient Smart Home - Solution

### HEAT PUMP

Hi-Wall split  
Ducted zone controlled  
Domestic hot water  
Spa pool  
Swimming pool  
Underfloor heating

### SECURITY

Intrusion detection  
Smoke detection  
Monitored

### FEATURES

Away shutdown mode  
Scheduling  
Realtime clock  
Photo frame  
Smart device app  
Graphical configuration  
Diagnostics

### LIGHTING

Mood lighting  
Night motion lighting  
Smart device lighting  
General lighting  
Feature lighting  
Garden lighting  
Outdoor lighting  
Path lighting

### DEVICE CONTROL

Extractor fan  
Blind  
Curtain  
Gas fire  
Window Gates  
Garage Doors  
Doors  
Water systems

Air & Water Essential DHW is part of a holistic Energy Efficient Smart home system known as Ata Touch.

For more information

**Contact Ata Touch [sales@atatouch.co.nz](mailto:sales@atatouch.co.nz) to find out more about how to best control your home**