

thinking for the future **azzurro solar**



future proof your hot water needs...

Install an Azzuro mains pressure water heater.

Whether you are building, renovating or upgrading your hot water system, Azzuro hot water cylinders make it easy and cost-effective to take advantage of the most economical and environmentally friendly heat sources available.

INSTALL & USE AS A CONVENTIONAL WATER HEATER NOW & UPGRADE TO SOLAR LATER.

Designed for use with a combination of energy sources, the internal heat exchange coil can easily incorporate heating sources up to 20kW including solar, heat pumps and gas boilers.



Azzuro hot water cylinders are New Zealand made and are suitable for both indoor and sheltered outdoor use. Using either mains pressure or low pressure water supply, the cylinder can meet high usage demands.

GET THE AZZURO ADVANTAGE:

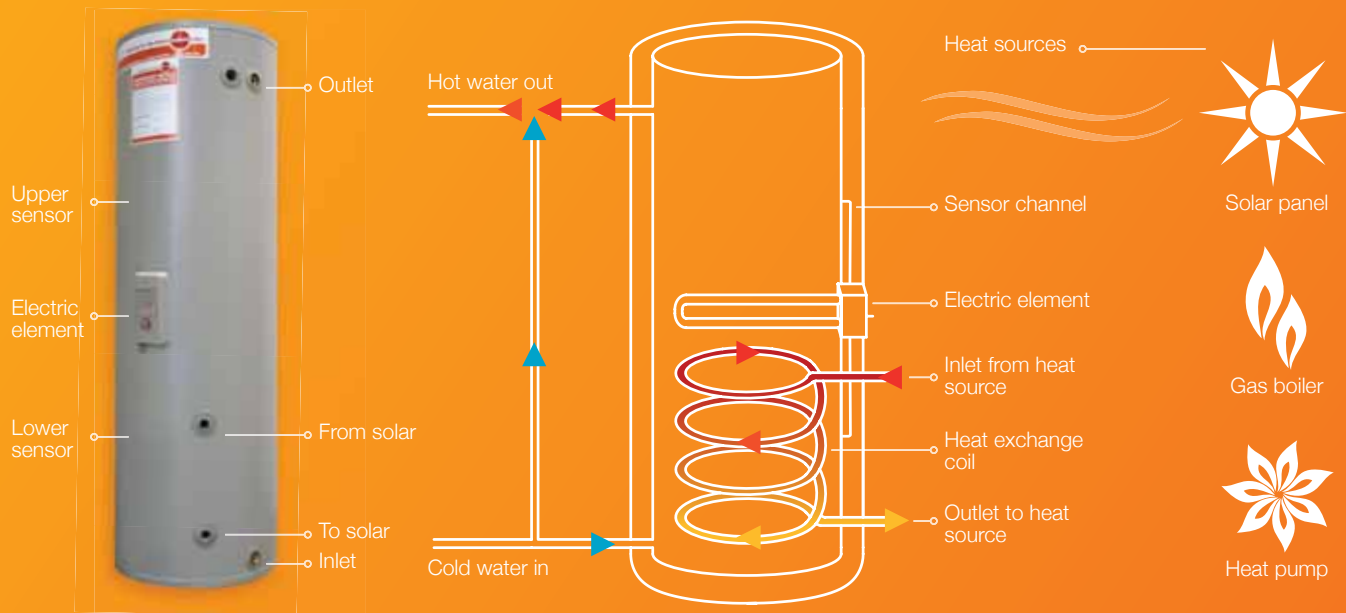
- Quality glass lined, steel cylinders
- 580mm diameter fits standard cupboard sizes
- Conventional electric element included
- For use with a combination of heat sources
- 5 year warranty*

*For full warranty details please contact Azzuro Solar. Specifications are subject to change without notice. (09/2008)

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Freephone or visit us online for more information or to make an appointment with one of our solar consultants.

get the azzuro advantage: flexible solutions



*Diagrams are indicative only, and are not to be used as an installation guide.

READY SET SOLAR!

The water heater has an internal heat exchange coil and is ready for use with a closed loop solar water heating system. Plus using the solar ready cylinder will protect your solar collector panel from poor water quality.

INCREASE THE HEAT

The heat exchange coil can be used with single or multiple controlled heat sources such as gas boilers, heat pumps and solar. The integration of a special sensor channel allows for more accurate temperature readings and operational efficiency.

ORDER CODE

	AZ300CIA	AZ300CI	AZ180CI
Capacity	300L	300L	182L
Element position	Middle	Lower half	Middle
Overall height	1825mm	1825mm	1166mm
Outlet	1644mm	1644mm	985mm
Upper sensor (vol above)	1178mm (104L)	873mm (159L)	768mm (59L)
Element (vol above)	865mm (160L)	560mm (215L)	560mm (97L)
Coil/from solar (vol above)	515mm (222L)	515mm (222L)	515mm (104L)
Lower sensor	345mm	340mm	340mm
Coil/to solar	165mm	165mm	165mm
Cold water inlet	75mm	75mm	75mm
Thermostat	950mm	645mm	645mm
Weight	100kg	100kg	71kg

FITTINGS

RP

Inlet/outlet	RP $\frac{3}{4}$ "
Coil	RP $\frac{3}{4}$ "
Anode	RP1"
Element	RP $\frac{1}{4}$ "

COIL

Surface area	0.7m ²	Length	9.6m
Internal volume	3.0L	O.D	22.2mm
Max Temp	80°C	Wall thickness	1.2mm
Max pressure	800kPa	Material	Enamelled steel

Diameter	580mm on all cylinders	Electric element power	3 kW
Insulation	A-Grade rigid PU foam (50mm thickness)	Max tank working pressure	1000kPa
Tank material/thickness	Enamelled steel, 2.5mm	Max storage temp	70°C

Magnesium anode, high temperature TPR valve supplied with all cylinders.

supplier:

