



Domestic Hot Water

Combining hot water systems with central heating

Unlike many other methods of heating the home, central heating systems can provide space heating and hot water for baths, showers and the like. There are two ways in which a warm water central heating system can service a domestic hot water supply.

1. Combination boilers, suitable for homes with up to two bathrooms, heat water for the central heating system as well as additional water, either produced instantaneously or stored in the boiler, for domestic hot water use.
2. System boilers or hydronic heat pumps use the same heated water which is pumped around the central heating system to indirectly heat domestic hot water via a heat exchange coil in the hot water cylinder.

In a typical household, the performance is so good that when using a separate cylinder, the boiler only needs to heat the domestic hot water for an hour in the morning and an hour in the evening. These heating times and the stored water temperature can be adjusted easily to suit any household or lifestyle.



- Efficient domestic hot water solution that integrates with heating system
- Phenomenal domestic hot water production with virtually endless performance for those with high DHW demands
- Discrete profiles for easy positioning within the home
- Cylinders capable of solar integration (depending on the model)

Available Domestic Hot Water Solutions

Hot Water Cylinders

Central Heating New Zealand distributes Baxi hot water cylinders. They are made of duplex stainless steel which offers superior resistance to corrosion, especially in aggressive water areas. Coupled with Baxi's state of the art automated welding techniques and post weld processes, duplex ensures the longest possible working life for every cylinder.

Features of Baxi Hot Water Cylinders:

- Optional backup 3kW electric element
- Unique "coil in coil" heat exchanger
- 50mm thick insulation means minimal heat loss
- Indirect thermostat and over temperature thermal cut-out for boiler connection and control



— Baxi Indirect Single Coil Hot Water Cylinder (cutaway)

Product Code	Style	Size	Dimensions
BXHWKIT200	Baxi HWC 200L Indirect Single Coil Kit	200L	1474 x 552
BXHWKIT300	Baxi HWC 300L Indirect Single Coil Kit	300L	2040 x 552
BXHWC300TWC	Baxi HWC 300L Indirect Twin Coil	300L	2040 x 552

Additional styles and sizes available by indent. Contact us for further details.



— Baxi Luna Duo-tec+ Combi Boiler

Baxi Combination Boilers

Combination boilers combine the functions of a central heating boiler and an instantaneous water heater. They give priority, in the main, to the supply of domestic hot water (dhw).

The combination boiler has all its operating components contained within the casing and is typically designed for use within a sealed central heating system.

A combination, or combi boiler, removes the need for separate water tanks as it's cold water supply is taken directly from the mains water and it heats the hot water instantaneously removing the need to store hot water.

Product Code	Style	Output	Dimensions
BX28EC	Baxi ECO3 Combi Boiler	28kW	760 x 450 x 345
BXDT28OC	Baxi Luna Duo-tec Outdoor Combi Boiler	28kW	770 x 470 x 238
BXDT40A	Baxi Luna Duo-tec+ Combi Boiler	31kW	760 x 450 x 345
BXDT33ASC	Baxi Nuvola Duo-tec+ Storage Combi	33kW	950 x 600 x 466

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