Part 2.0

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The SV Series tank is a direct, stainless steel storage tank that can be boosted by Heatmate 250, Comfort instantaneous gas, HEV series heater or Solar Panels to produce hot and high temperature water (depending on the combination of the heat sources). It can be installed in 6 different configurations to suit your application. The components you have been supplied are specifically matched for **one** of these configurations. The diagrams below show the basic components and installation method for each configuration.

Type A Configuration – Comfort Option

Components Needed



SV Storage Tank

More details are provided in Part 3.1



Control Box





Comfort

More details are provided in Part 5.6



Circulation Pump

More details are provided in Part 5.6

Standard Installation Layout



Typical Option Up to 4 Comfort 300's per tank



Type A Configuration – Heatmate Option



Type B Configuration – HEV Unit



Typical Option 3 SV tanks connected to HEV



If tank with temp sensor is isolated always ensure temperature sensor is placed in alternate system which has water circulating through it.

Type E Configuration - HEV unit / Comfort





Typical Option Up to 3 Comfort 400's per SV tank



Type H Configuration - Solar



Option 1 Up to 12 collectors and 4 tanks. (6 collectors and 2 tanks shown)



GXC Configurations 2.2

The GXC Series tank is an indirect, heat exchange storage tank that can be boosted by connecting one or more Comfort or Heatmate burners to the treated stored water cylinder, which then heats the heat exchange coil to produce warm water. It can be installed in only 1 configuration.

The components you have been supplied are specifically matched for this application. The diagrams show the basic components and installation method.

A pump is required dependent on the number of Comfort burners to be connected.

Type C Configuration – Comfort

Components Needed



Standard Installation Layout

Single burner installation



GXC Configurations 2.2

Multi-burner installation



Type C Configuration – Heatmate đ **Control Box** Heatmate More details More details are provided in are provided in

Part 4.1 or 4.2

Standard Installation Layout



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Part 5.1



GXC Storage Tank

More details are provided in Part 3.2

The LEX Series tank is an indirect, heat exchange storage tank that can be boosted by connecting a Heatmate, HEV Series or Solar Panels to the treated stored water which then heats the heat exchange coil to produce warm or hot water. It can be installed in 3 configurations depending on your application. The components you have been supplied are specifically matched for **one** of these applications. The diagrams below show the components and installation method for each configuration.

Type C Configuration - Heatmate



LEX Configurations 2.3



Type F Configuration – HEV unit



LEX Configurations 2.3



Optional Central Heating Sockets required on HEV units for this configuration

Type H Configuration - Solar



The EX Series tank is an indirect, heat exchange storage tank that is boosted by a number of electric elements fitted to the tank. These elements heat the treated stored water which then heats the heat exchange coil to produce hot water. It can be installed in only 1 configuration. The components you have been supplied are specifically matched for this application. The diagrams below show the components and installation method.

Type G Configuration

Components Needed



EX Storage Tank

More details	
are provided in	
Parts 3.4 & 5.5	

Installation Layout



The EHX Series tank is an indirect, heat exchange storage tank that is boosted by a number of electric elements fitted to the tank. These elements heat the treated stored water which then heats the heat exchange coil to produce hot water. It can be installed in only 1 configuration. The components you have been supplied are specifically matched for this application. The diagrams below show the components and installation method.

Type G Configuration

Components Needed



EHX Storage Tank

More details	
are provided in	
Part 3.5 & 5.5	

Installation Layout



The SHX Series tank is an indirect, heat exchange storage tank that is boosted by solar collectors which heats the treated stored water. This treated water then heats the cold water passing through the heat exchange coil to produce hot water. If it is fitted without electric elements it is used to "pre-heat" another water heater and with electric elements fitted it is a stand-alone heater. It can be installed in 2 configurations depending on your application. The components you have been supplied are specifically matched for **one** of these applications. The diagrams below show the components and installation method for each configuration.

Type H Configuration – No electric elements

Components Needed



Installation Layout – Solar Preheater



Type H Configuration – Electric Elements fitted

Components Needed



SHX Storage Tank (with electric elements fitted)

More details are provided in Part 3.6 & 5.5



Control Box





Solar Collectors & Parts

More details are provided in Part 5.3

Installation Layout – Solar Preheater and Electric

Refer Part 5.3 for further details



The HEV Series is an indirect, heat exchange storage tank that is boosted by a forced draft burner. The burner heats the treated stored water which then heats the cold water passing through the heat exchange coil. The HEV series can be installed in 5 different configurations to suit your application. The components you have been supplied are specifically matched for **one** of these applications. The diagrams below show the components and installation method for each configuration.

Type D Configuration



Type B Configuration – SV tank

Components Needed



Pump .

Cold Wate! 'In^{let}

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SV Tank

HEV Unit



Type E Configuration – SV tank/ Comfort

HEV Configurations

2.7





Typical Option Up to 3 Comfort 400's per SV tank

Type F Configuration – LEX tank





Optional Central Heating sockets required for this configuration

Expansion Tank Installation Options



TC Configurations 2.8

The TC Series tank is a direct storage tank that is used as a solar system. It is connected to a number of solar collectors which when hot enough can be circulated to the treated stored water of a water heater such as a Heatmate or HEV Series. This then heats the heat exchange coil to produce warm or hot water. The components you have been supplied are specifically matched for **this** application. The diagrams below show the components and installation method for each configuration.



Comfort (Instantaneous gas) 2.9

The Comfort is a forced draft, instantaneous gas fired water heater designed for use in applications which require hot water on a continuous basis. Up to 5 Comfort units can be manifolded together to provide continuous hot water on demand.

There is only 1 configuration available for using the Comfort in an instantaneous application.

Type G Configuration - Comfort

