

## Using your system to provide domestic hot water

Your heating system boiler is a very efficient appliance. It can also provide the domestic hot water requirements of your home. Our Gas boilers can do so in two ways.

### On Demand

Some of our boilers (the combi models) have the ability to supply domestic hot water on demand heating domestic hot water when you turn on a hot tap, to do so they are equipped with a secondary heat exchanger this will produce domestic hot water very efficiently,

*A Vokera Combi Boiler will consume less Gas per Litre of water delivered at 55 Deg C than the standard infinity type water heaters!*



Depending on the model, our combi boilers will produce between 15 and 20 L per minute at 25 degrees rise (the same rate of rise quoted by Bosch and Rinnai for their on demand water heaters)

We also have Diesel combi boilers that can produce up to 24 L per minute

The smaller combi boilers are suitable for small homes with one bathroom and maybe an en-suite here two showers are seldom used at the same time the bigger 20L models will suit a house with two regular use bathrooms.

### Storage Cylinders

We also offer mains pressure DHW storage cylinders heated via an internal pipe coil directly fed off the boiler. These cylinders range from 200 to 300L in capacity they are extremely rapid to heat up so there is no risk of running short of hot water.

*Interestingly using a cylinder heated by a Gas boiler is more economical than using any on demand system when there are four or more occupants in the house.*

We recommend the use of a cylinder in large homes and those with longer distances between the hot water draw points (our cylinders have an extra connection that will allow the DHW system to be reticulated when the run of distance requires it ) Our cylinders are also Dual coil so they can be supplied by another source eg; solar.

The cylinder option can also be used with diesel boilers

If you need more advice we are happy to help, Give us a call 06 344 7392

