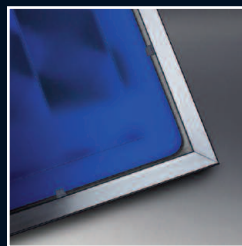


## CD50 Storage Combination Boiler



### Features overview

- 3 year guarantee
- 18 litres/min flow rate at 55°C
- 3 minute cylinder recovery time
- Built-in 52 litre storage cylinder
- Valves & tails factory fitted
- Stainless steel heat exchanger
- Daily pump kick
- Frost thermostat
- Automatic bypass
- 2m flying mains lead
- Filling loop supplied

## CD50 Storage Combination Boiler

The Alpha CD50 wall-hung high efficiency storage combi matches a traditional system's higher flow rate whilst also offering the benefit of hot water on demand whenever your customers want it. Its compact 'all-in-one' design gives installers the best of both worlds.



*This clever all-in-one design with integrated storage capacity ensures that the hot water needs are always met and like other models in the range, this unit comes with a standard three year guarantee for customer peace of mind.*



### Fast recovery



When the hot tap is turned off, the CD50's powerful heat exchanger fully recharges the store in about 3 minutes. This quick recovery is achieved by using a double-wound stainless steel coil to provide a bigger than usual heating surface area. The size of the coil is also designed to maintain continuous hot water delivery at a usable temperature faster than it can be drawn off.

### No separate tanks or cylinders means a 'dry loft' and more room for living

The mains-fed Alpha CD50 does not need a storage tank in the roof, saving on pipework and loft space. Also, with no need for a separate cylinder for hot water, the CD50 frees up space for living so the cylinder cupboard could, for example, provide room for a shower.

### Wall-hung – saves valuable floor space

Even in larger homes floor space is at a premium. That's why the Alpha CD50 is designed to hang on the wall.



### Ideal for homes with bath and shower

The Alpha CD50 high efficiency storage combi is designed to satisfy demanding hot water and heating requirements whilst reducing energy consumption. When the store is fully charged an equivalent domestic hot water output of 32kW gives a flow rate of up to 18 litres per minute at approx. 55°C-60°C, enough to fill an average bath in about 3 to 5 minutes.



### Automatic flow regulator means hot water never runs out

After filling a bath, if there is still a demand for hot water, the CD50's automatic flow regulator controls the flow to keep the water hot. The Alpha CD50 will therefore always provide hot water no matter how long the hot tap is left open, unlike some other storage combis.



Model	DHW Output (kW)	CH Output (kW)	Output (Btu/h)	Flow Rate (l/min)	Dimensions (mm)	Weight (kg)
CD50	32	29.7	109,200	18	900x600x450	70
Compatible with SolarSmart and GasSaver						