

Alpha Combi Boilers - Alpha CD50 Storage Combi

The CD50 is ideal for homes with above average hot water demands – such as multi-bathroom properties – where a bath may be run at the same time as a shower.

Features

- 3 year guarantee
- Built-in 52 litre storage cylinder
- Daily pump kick
- Frost thermostat
- Stainless steel heat exchanger
- Valves and tails factory fitted
- 3 minute cylinder recovery fitted
- 18 litres/min flow rate
- Option to run secondary circulation
- Available for NG and LPG



SEDBUK 'A' rated



Thanks to its built-in 52 litre storage cylinder, the CD50 can deliver hot water at a flow rate of 18 litres per minute – enough to fill an average bath in just 3-5 minutes.

Despite incorporating a cylinder it is nonetheless small enough and light enough to be wall-hung. This helps save space and makes it easier to position.

Once the hot water store is exhausted, a powerful heat exchanger ensures that it is fully recharged in around three minutes. Meantime, the CD50's automatic flow

regulator lowers the flow rate to ensure hot water is still available if immediately required.

Now available through EnergySmart.

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.

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.

Model	SED-BUK rating	DHW output (kW)	CH output (kW)	Min flow rate l/min	Max flow rate l/min	Dimensions (mm)	Gas-Saver compatible	SolarSmart compatible	Standard guarantee	
CD 50	A	32.0	29.7	-	18.0	900x600x450			3 yr	
Control Options			7 Day 2 channel EasyStat					24 hour mechanical EasyStat		
	Digital clock		Mechanical clock							

Typical Condensing Boiler System.



High Efficiency for Larger Homes...

1. A high efficiency condensing boiler rated for your properties heat requirements.
2. High technology controls paired to your boiler for maximum efficiency.
3. Unvented hot water cylinder compatible with solar supply.
4. Modern radiators sized accordingly & fitted with thermostatic valves.