

COMBISAVE FACT SHEET:

CombiSave is multi-saving – **water/gas/time/money/CO²**. The following table looks at each of these five areas, our claims for the device and our evidence to back it up.

THE CLAIMS	FACTS BEHIND	NOTES
WATER – 55,000 litres a year saved *	6l x 28(4 people x 7 uses) = 168l per day 168l x 330**days a year = 55,440	6l = ave volume saving with CombiSave
WATER – Csave fitted in 50,000 homes could save a whole reservoir of water in a year. *	55,000l x 50,000 homes = 2,750,000,000 (or 2,750 megalitres)	
GAS – saves 1,650kwh of gas per year*	21 secs saved x 8.3 watt = 174wh 174wh x 28 hot water uses = 4,872wh per day (or 5kwh).5kwh x 330 days=1,650kwh	A 28kw boiler uses 28kw per hr, or appr 500wh per min/8.3 per sec of tap running
GAS – £50 - £100 per year*	4p x 1,650kwh = £66.00	4p = ave gas unit price
TIME – 14 hours per person per year saved*	21 secs x 28 tap turns = 588 secs per day; 588 x 330 days = 194,040s or 3,234mins; 3,234m/60m = 54 hours saved. 54/4 people = 13.5 hours.	
TIME – “Quicker Hot Water”	Water comes through on ave 21 seconds faster	21sec ave taken from first 50 actual fittings
MONEY – Gas £50-100 pa	At 4p per kw £66 saved*	
MONEY – Water £180*	0.3p per litre x 6l saved = 2p per hot use; 2p x 28 uses = 56p x 330 days = £184.80	0.3p is cost of potable water + treatment
MONEY – Payback within 12 months	£66 + £180 = £246	CombiSave supply & fit c.£120
CO ² – up to 500kg	1,650kwh x 0.184 = 303.6kg; Plus CO ² saved from water treatment = 16.5kg, total 320kg saved (0.3 tonne)*	Carbon Trust formula used here. (1l tap water a/cs for 0.0003kg CO ²)
CO ² – significant impact on climate change targets	In 2006 Liverpool’s 209,344 domestic properties produced 1,045,000 tonnes of CO ² , equating to 4.9 tonnes ea. CombiSave fitted on 70% of these, 146,541 x 0.3 tonne CO ² = 43,962 tonnes	Combi boilers account for approx 70% domestic heating

*All figures are approximate and are based on one home with a 28kw boiler and 4 persons.

**330 days per year is to allow for holidays/absences.