

Carbon Co-op

Heat Pump Challenge February Survey Results

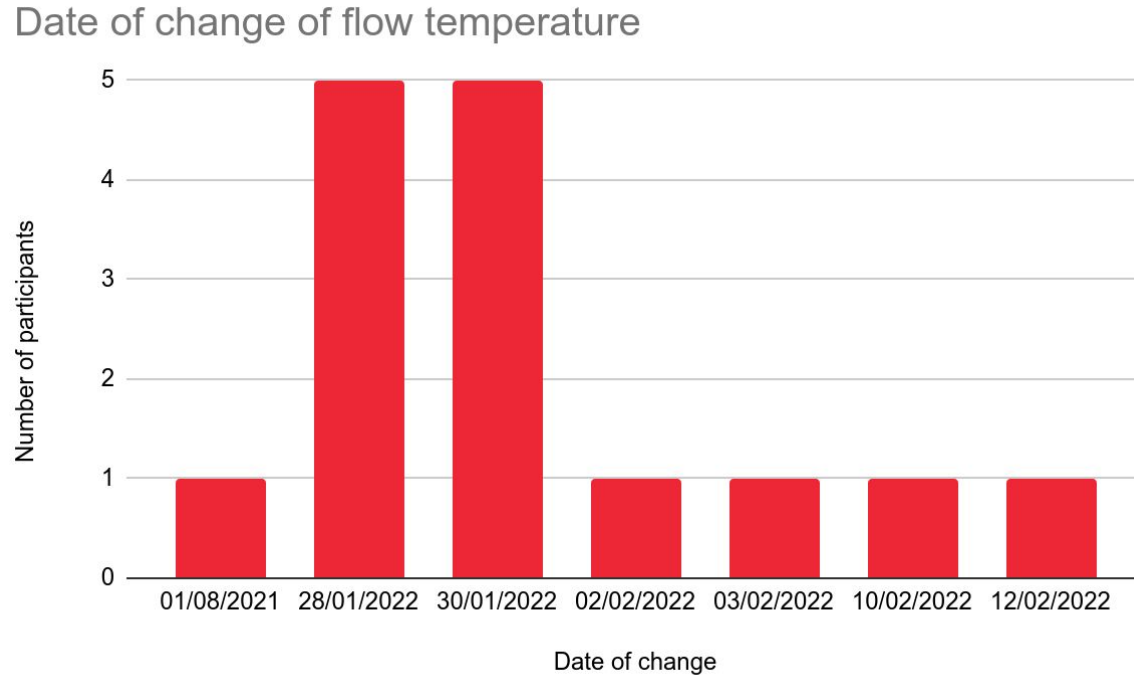
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Key Data

- 23 participants completed survey
- 16 participants reduced their boiler flow temp to 50°C
- Most participants did experience differences in how their home was heated at 50°C, but often this was isolated to specific rooms or time periods.

Date of Change

- Most participants made change quickly following email request
- One participant has been on 50°C since August last year



Reasons given for not making requested change

“No markings on my ancient boiler below 140°F [60°C]”

“It was a cold snap, it seemed to mess up the pressure to some radiators and the boiler seemed ‘unhappy’. I will try again”

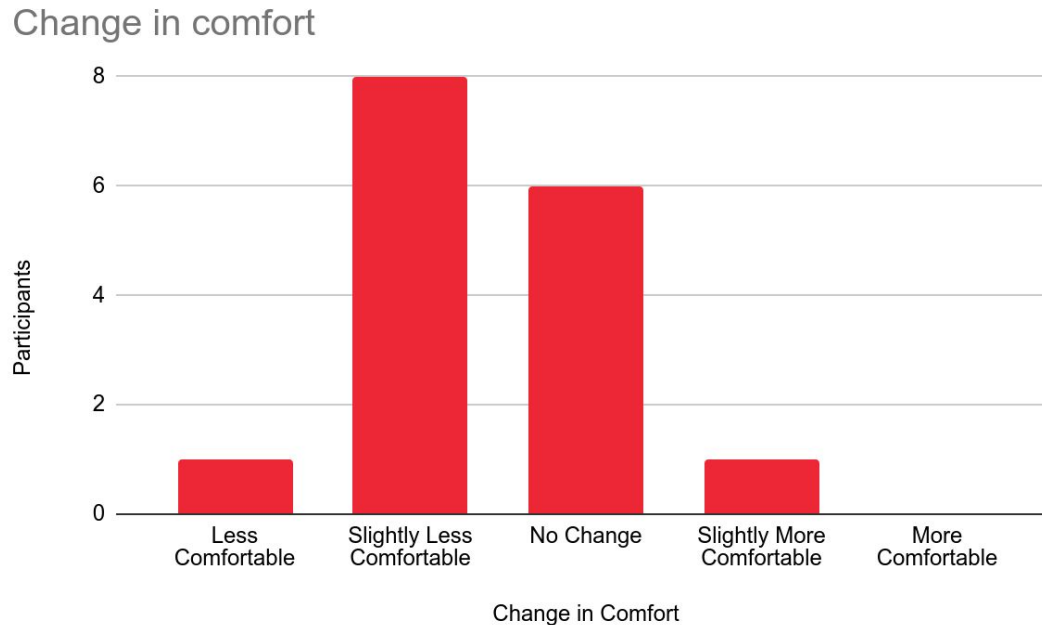
“...I only have a dial on the boiler and am using separate thermostat, I could only get it down to around 54°C.”

“It is too low for us to be warm enough”

“I don’t have the confidence to do it, because I needed more information to bring my family into the loop”

Change in comfort at 50°C

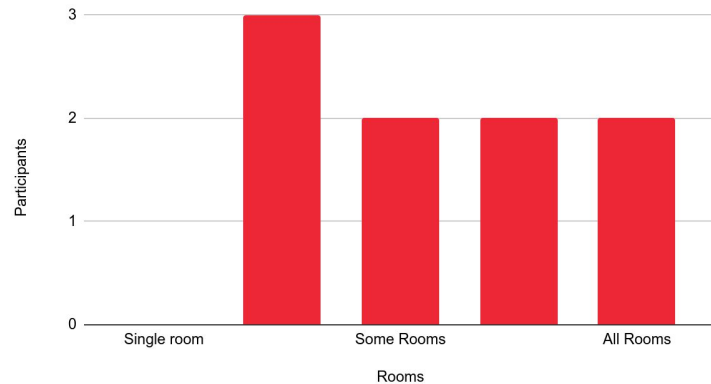
- Most participants at 50°C reported being slightly less comfortable
- Although many reported no change, and one participant reported to being slightly more comfortable



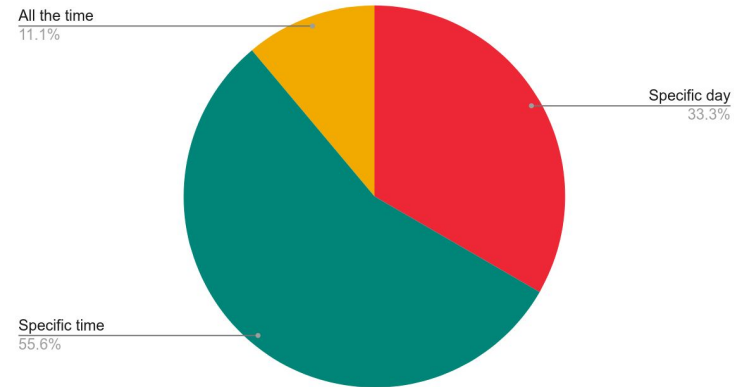
When and where comfort was reduced

- It varied as to whether it was only in some rooms, or across all rooms
- But it was predominantly at a specific time of day

Comfort reduced in a single room or across all rooms?



Was comfort reduced all the time or at a specific time or day?



When comfort was reduced

“I tended to run the boiler for a bit longer than usual, but only on the coldest days. I think it will be fine when I have draught proofed and insulated”

“Whenever there was a storm, the increased airflow made it a struggle to maintain heat”

“My comfort was reduced during the usual heating periods because the house takes longer to heat up”

Further Comments

“It is always tempting to increase the boiler temperature when it feels a bit cold!”

“My room stat on landing rose by only 0.5°C per hour in the morning rather than almost 1°C before. Other rooms rose faster than that”

“My kitchen/dining room is thermally awful and doesn't have enough radiators so turned the flow temperature back up during cold weather”

“Apart from stormy days it was barely noticeable. We did have real success lowering our gas costs and ran the radiators at 43°C according to the boiler settings”

“50°C is normal for mild winters”

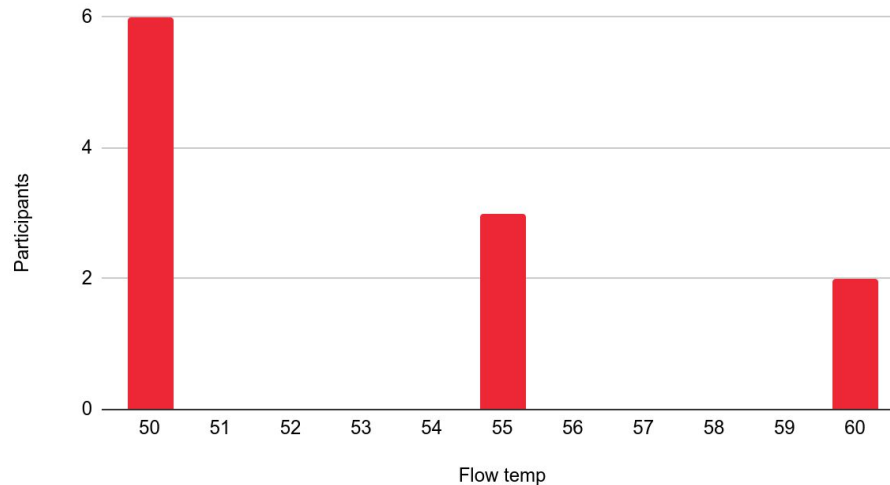
“If anything the ground floor is more comfortably heated”

“I have been wearing more clothing and am more aware of keeping doors in house closed”

What temperature did people change their flow temperature to afterwards? - the lowest comfortable temperature.

- Many left flow temperature at 50°C
- One person stated that they have turned flow temperature down to 43°C

What temperature did you adjust to after feeling cold?





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