

13 YEARS WITH AN AIR SOURCE HEAT PUMP (ASHP)



- **Not noisy**
 - Newer ones near silent
- **Very reliable:**
 - Ours recently had its first fault in 13 years of continuous use
 - Service teams are good
- **Cost**
 - Ours cost £12,000
 - Current cost is around £10,000

WHY HAVE ONE?

- **Doesn't really save money** at the moment
- **The Climate Crisis**
 - Eliminates consumption of fossil fuels, as long as electricity comes from renewables, either a renewable energy supplier or solar panels
 - If renewable electricity was priced at its true cost, ASHPs would be cheaper to run than gas boilers
 - Currently about the same cost to run as a gas boiler
 - CoP is 2.5 to 3.0 over a year

VERY DIFFERENT FROM A BOILER

- Must run near continuously at lowest possible temperature to be really efficient, not in bursts
- Works best with under-floor heating
- Needs generous radiators
- Good insulation and draught sealing are even more important with a heat pump