



# AFL PAYBACK PERIOD

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## Assume

The calculations shown below assume the following:

Ordinary Servicing Valve	£6.38
AFL + Cartridge	£13.35
Water / m <sup>3</sup> (1 m <sup>3</sup> = 1000 Lt)	£1.69 (Water + Sewerage)
Before AFL	Tap flows @ 0.25 Lt/s
After fitting AFL Valve + 0.10 Lt/s Cartridge	Tap flows @ 0.10 Lt/s

## Calculations

Cost of AFL Servicing Valve:- £13.35

Less cost of ordinary servicing valve:- £6.38

Difference:- **£6.97**

Cost of water per m<sup>3</sup>:- £1.69

Therefore water saving required  
to cover additional cost:- **4124 Lts**

To break even a tap fitted with an  
AFL Valve and Cartridge with  
a flow rate @ 0.10 Lt/s compared to  
0.25 Lt/s before AFL fitted:- **27,493 seconds**

Or **7.64 hours**

Assume tap run 15 minutes per day

Payback period:- **31 days**