



# Savings Calculator

Total cost for 242 units:  
 £283,984.58  
 (£1173.49 per unit)

## INFO

Enter your details below and see how much a Propelair toilet could save your organisation

Metered water charge per cubic metre	5.42
Current flush volume in litres	9.00
Number of WC flushes each day	21.00
Number of days building used per year	274.00
Number of toilets	242.00

## SAVINGS

Per Toilet (per year)	All Toilets (per year)		Annual Savings
£ 233.90	£ 56,603.82	Yearly Saving	<b>83%</b>
5,754	1,392,468	Flushes	
51,786	12,532,212	Current water usage (l)	
8,631	2,088,702	Propelair water usage (l)	
43,155	10,443,510	Water saved (l)	
7.77	10,821,868	CO2 saved (g)	
	10,822	CO2 saved (kg)	



**PAYBACK**

**5.0  
YEARS**

### Supporting Information:

Flushes recorded by counters	676,362
Date flush counter was installed	
Date flush counter was picked up	
No of days flush counter was installed	274
Average number of flushes per day	2468.474453

### CO2 Assumptions

Carbon Conversion	0.344 gms CO <sub>2</sub> e for supply/litre of water
Factors	0.708 gms CO <sub>2</sub> e for treatment/litre of water
	1.052 gms CO <sub>2</sub> e/litre of water
	<a href="http://www.gov.uk/government/publications/greenhouse-gas-reporting-conversion-factors-2019">www.gov.uk/government/publications/greenhouse-gas-reporting-conversion-factors-2019</a>
1kWh =	3,600,000 joules
Energy used/flush	808 joules (per Arup Report)
	0.000224444444 kWh
CO <sub>2</sub> =	527 gms/kWh (per Defra, 14)
CO <sub>2</sub> used/flush	0.118 gms of CO <sub>2</sub>