

Minders & Reminders



Best Practices Reveal Hidden Savings

Safe Level Standards make sense;

- Operational Cost Savings*
- Improved Employee Compliance*
- Management Control*

*Lower Your Risk by tailoring
Best Practices solutions
to the specific needs of your
facilities, employees and
customers. Best Practices
deliver practical, affordable,
and sustainable results.*

Water Savings with Auto Faucets

Measurable financial benefits from installation of hands free automatic faucets as compared to manually operated faucets. To calculate YOUR savings go to www.handwashingforlife.com

Location	Water Cost per 1000 l. (ZAR)	Energy Cost per kw hour (ZAR)	Annual Savings 1 handwash per employee hour 2 handwashes per employee hour 3 handwashes per employee hour
Johannesburg *See notes for consumption assumption	9,00	not included	433333 l. saved/yr = R 3900,00 866667 l. saved/yr = R 7800,00 1300000 l. saved/yr = R11700,00
Cape Town	13,17	not included	433333 l. saved/yr = R 5707,00 866667 l. saved/yr = R11414,00 1300000 l. saved/yr = R17121,00
Durban	12,53	not included	433333 l. saved/yr = R 5429,67 866667 l. saved/yr = R10859,33 1300000 l. saved/yr = R16289,00
Mpumalanga	7,28	not included	433333 l. saved/yr = R 3154,67 866667 l. saved/yr = R 6309,33 1300000 l. saved/yr = R 9464,00

Other “non quantifiable” Benefits with Hands Free Faucets

Non measurable benefits derived from installation of hands free faucets in commercial and public environments are often as important as the financial savings.

- Significantly lowers the risk for transfer of disease causing pathogens from one employee to another and to customers
- Reduces the opportunity for vandalism often occurring with manual fittings
- Reduces cleaning time and chemicals used to insure manual fittings are sanitary
- Less opportunity for water to be left running when unattended
- Esthetically more modern & attractive reflecting on the image of your business

Risk Reduction

Is your hand hygiene a managed system or a game of chance?

Implementing good hand hygiene is the lowest cost, most controllable activity in a Risk Management program to lower the spread of infection and disease.

Handwashing is the single most important means of preventing the spread of infection. Centres for Disease Control

- Johannesburg: Liz Johnston 011 467 1787
- Cape Town: Gemma Clarke 021 554 1380

The Math

1) Calculate annual hours:
40 hours x
50 employees x
52 weeks = 104000 hours

2) Apply auto (hands-free) faucet “time-out” factor of 4.2 litres saved per 20 second handwash.

(Manual faucets flow while adjusting temperature, applying soap, during scrub phase and turning off after drying hands. This results in approximately 25 seconds of “time-out” for auto faucets. A 10 litre water flow rate shut off for 25 seconds saves 4.2 litres of water.)

3) Litres of water saved at:
1 handwash / hour = 433333
2 handwash / hour = 866667
3 handwash / hour = 1300000

The energy saved to heat the water represents additional savings.

Please Note:

- All rates are based on consumption only using municipal water rates for 2006
- Municipal water charges go up based on an increasing or decreasing consumption scale. Consumption and rates are based on average daily consumption of 8000 litres per day or 240 k litres per month for small commercial operation.