

PAYBACK CALCULATION

Swiss Eco Tap[®]
the acqua saver

ASSUMPTIONS – Change of tap

Number of washbasin fittings	182 pieces (mechanical and electronic)
Purchase price fitting in Ø	330.00 CHF incl. Assembly + bypass
Installation time	30 min / fitting

ASSUMPTIONS – User

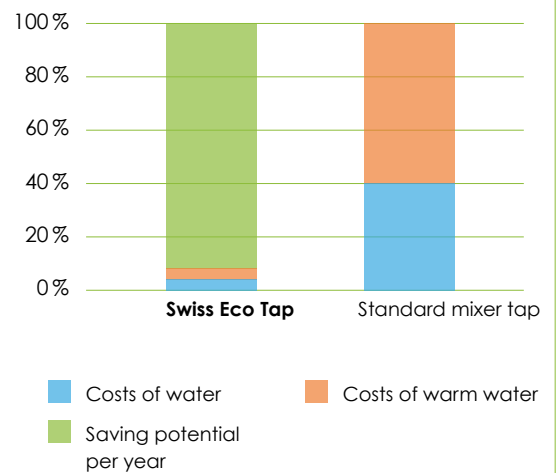
Number of employees	2,500
Gender ratio	♂ 50 % ♀ 50 %
Visit toilet / day	♂ 4–6 ♀ 8–10
Number of visitors toilet / day	♂♀ 12,500

Time of use in days / year 250 working days

ASSUMPTIONS – Energy

Energy consumption +1K water [Wh]	1.16
Water heating by x [K] (initial temperature 15 °C)	47 (from 15 to 62)

Costs per year



DATA

Cost of water

3,797.90 CHF / year

Savings potential – Water

34,170.89 CHF / year

Cost of energy

3,558.95 CHF / year

Savings potential – Energy

52,965.55 CHF / year

New installation costs

65,520.00 CHF

Costs of new fittings incl. bypass
Cost of fitting installation

60,060.00 CHF
5,460.00 CHF

Payback period

0.75 years

SWISS ECO TAP

Per EN 200 mod.
(Cold water temperature)

STANDARD MISCHARMATUR

Per EN 817
(Warm water temperature)

37,968.75 CHF / year

56,524.50 CHF / year