DORN BRACHT

FlowReduce+

A sustainable approach

Leading Designs for Architecture

FlowReduce+ Shower products

As a leading expert in water solutions, Dornbracht added new high-quality, resource-saving products with the introduction of FlowReduce+ which are offered via x-tra Service, a department for individually customized production.

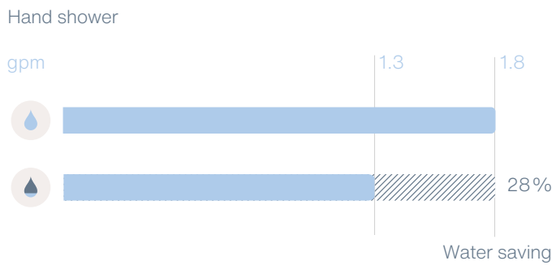
Water consumption is reduced to the maximum in these reduced flow products (up to 28% for hand showers), with the aim to save money and resources.

Regular
Regular flow rate

FlowReduce+
Maximum reduction of flow rate with minimal effect on the shower experience (x-tra Service)

Conserving water resources

Despite legal requirements, the shower is one of the most significant driving factors in water consumption in private households. A 6-minute shower (1.8gpm) consumes about 11 gallons of water[1]. Thanks to the reduced flow rates, Dornbracht shower products with FlowReduce+ help save water.

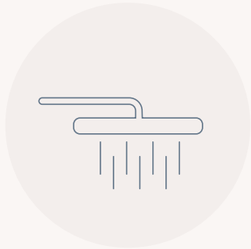


A sustainable shower experience – with less water.

Dornbracht's FlowReduce+ shower products guarantee a sustainable shower experience for your personal sanctuary - while using less water. Despite the decrease of water, the spray is powerful and voluminous, perfectly suited for hair washing and daily routines (3 bar).
The Dornbracht raindrop falls full and soft from the shower head and provides the Dornbracht shower experience.

Increase savings potential

If you choose a Dornbracht rain shower with FlowReduce+ (1.6gpm), you can:

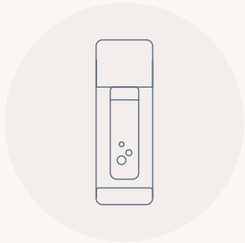


Save 11% water[2] per showering session

and

complete 140 dishwasher cycles[3] (annually)

or



fill 2,700 water bubbler bottles[4] (annually).

Reduce shower costs

Showering consumes energy as well as water. A 6-minute shower (1.8 gpm) costs about $1.00[5]. Dornbracht shower products with FlowReduce+ protect natural resources in a number of ways while reducing your energy costs. For example, if you choose a Dornbracht rain shower with Flowreduce+ (1.6 gpm), you can:

Save 11% costs per showering session

and

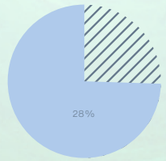
watch 1,700 hours[6] of television (annually)

or

Drive 275 miles[7] (annually).

Project business – Sustainable building design

Dornbracht's FlowReduce+ solutions have tremendous potential for the project business. They can positively impact a hotel's overall water consumption and help reduce energy costs. Dornbracht shower products with FlowReduce+ assist your sustainable building projects by helping to meet the requirements of green building rating systems (i.e.: LEED®).



Hotels can save up to 28% of the cost of heating water per year.

More FlowReduce+ products

Hand shower
Ø 100 mm

Hand shower
Ø 130 mm

Hand shower
Ø 64 mm

Hand shower

Rain Shower
Ø 220 mm

Rain shower
Ø 220 mm

Rain shower
Ø 200 mm

Rain shower
Ø 200 mm

Shower sets

Hand shower sets

More information:
dornbracht.com/
flowreduce-plus

Shower Pipe
Ø 220 mm

Shower Pipe
Ø 220 mm

Shower Pipe
Ø 200 mm

WATER BAR

WATER POINT

Individual flow rates for every need

Regular

FlowReduce+

Approved shower products which meet criteria for the US Environmental Protection Agency, WaterSense

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[1] Water consumption with Dornbracht regular flow hand showers: 6 min*1.8 gpm = 10.8 gal
[2] Water consumption with Dornbracht rain showers equipped with FlowReduce+: 6 min*1.6 gpm = 9.6 gal
Calculation: 1-(9.6 gal/10.8 gal) = 0.11 ≙ 11%
[3] Assumption: Water consumption per dishwasher cycle: 3.2 gal; daily showering
Calculation: (((1.8 gpm-1.6 gpm)*6min)*365 days)/3.2 gal per cycle = 136.875 ≈ 140 dishwasher cycles per year
[4] Assumption: Content per water sprayer bottle: 0.16 gal; daily showering
Calculation: (((1.8 gpm-1.6 gpm)*6min)*365days)/0.16 gal = 2,737.5 ≈ 2,700 bottles per year
[5] Assumptions: Energy consumption (gas heating) per kWh: $0.16; Energy consumption per shower: 7kWh; Water costs per gal: $0.0005; Waste water costs per gal : $0.0005; Water consumption: ≈ 11 gal; daily showering
Calculation: ($0.16*7 kWh)+(($0.0005+$0.0005)*11 gal) = $1.13 ≈ $1.00 per shower
[6] Assumptions: Device power: 100 watts; power consumption per h: 0.1 kW; electricity price $0.23 per kWh; daily showering
Calculation: ($1*(1.8 gpm-1.6 gpm)/1.8 gpm)/(0.1 kWh*$0.23)*365 days = 1,745.65 h ≈ 1,700 h per year
[7] Assumptions: Fuel: price per gal = $5.01; consumption 34 mpg.
Calculation: ($1*(1.8 gpm-1.6 gpm)/1.8 gpm)/($5.01/34 mpg)*365 days = 275.89 miles ≈ 275 miles per year

Models, programs and technical modifications as well as errors are excepted.

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