

## PERLATOR® PCA® SPRAY 1.9L/MIN and 1.3L/MIN

### Aerators – a key component of every faucet

Aerators are found in nearly all kitchen and lavatory faucets. An aerator is a key component in the overall performance of the faucet.

Here is how you should expect your aerator to perform:

- control the stream straightness and diameter
- reduce splash by aerating the stream and eliminating side spray
- save water and reduce energy costs

### PERLATOR® PCA®

- With integrated flow regulator technology (PCA®)
- Recommended for application in series basin faucets (public bathrooms exposed to walk-in traffic)
- Pressure compensating for constant flow from 0.8 to 6 bar
- Supplies all outlets evenly with water
- Provides a non-splashing, non aerated spray
- Integrated anti-clogging dome screen filters sediments and particles
- Virtually unbreakable single piece insert ensures a longer useable life

### The integrated Technology: Flow regulator (PCA® – Pressure Compensating Aerator)

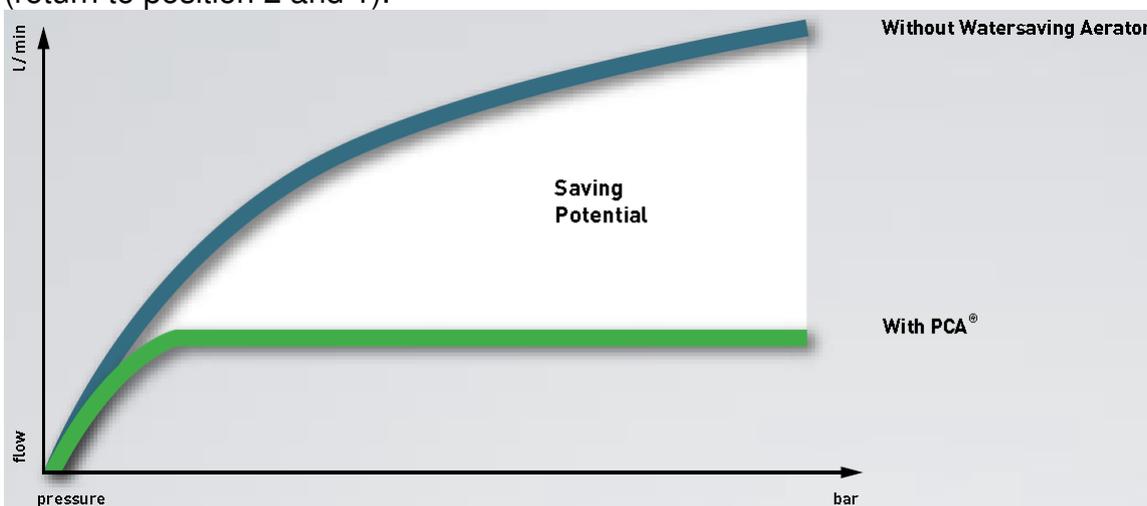
The pressure compensating flow regulator produces – by means of the o-ring – a constant flow rate regardless of pressure fluctuations.



**Static conditions (no flow, or low pressure)** - the elastomer is relaxed (position 1).

### Dynamic conditions (flow)

The elastomer subjected to the line pressure is compressed into the seating area which reduces the water passage (position 2). As the pressure increases the elastomer is compressed further into the seating area and reduces the water passage further (position 3). As the pressure decreases the elastomer relaxes and reopens the water passage (return to position 2 and 1).



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Water debit	1.9 L/MIN		1.3 L/MIN	
Picture / drawing				
	