



Spray pattern

PCA® Spray aerators are ideal for use in public facilities. Generating a spray pattern that wets a large area, they are extremely water-saving.

Technical Characteristics

Materials	plastics: POM elastomers: EPDM metals: brass
Operating conditions	temperature: 60°C/140°F max. continuous, 70°C/158°F short-term supply line pressure: max. 6 bar/87 psi continuous, max. 8.5 bar/123 psi ≤ 3 min. avoid water hammer
Standards	meets requirements of EN246 and ASME A112.18.1 materials meet all relevant international drinking water certifications

Model Overview

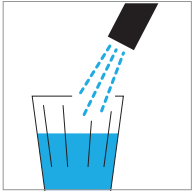
Imperial PCA® flow rates (measured at 38°C)	Color Code	STD Insert	Female M22x1	Male M24x1	Wetted surface area (in mm², insert only)
PCA® 0.35 gpm max.	brown	44.7168.000	44.7168.023	44.7168.033	3151
PCA® 0.5 gpm max.	lime	44.7159.000	44.7159.023	44.7159.033	3151
PCA® 1.0 gpm max.	blue	44.7158.000	44.7158.023	44.7158.033	3151

PCA® = **P**ressure **C**ompensating **A**erator: constant flow rate irrespective of line pressure

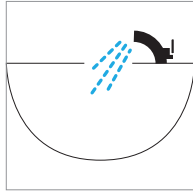
Suitable Housings

Please refer to the datasheet „Housing Overview STD Size“.

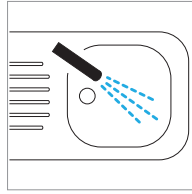
Intended Use



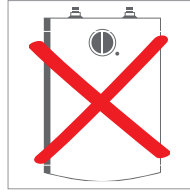
Drinking water



Basin faucet



Kitchen faucet



Not suitable for
pressureless
water heaters

Assembly Instructions

ATTENTION!

Product may not be altered!
Shall not be used for hot water application exceeding 70°C

ATTENTION!

Max. mounting torque 1.5 Nm
steadily applied

Disclaimer

Neoperl aerators are designed exclusively for the use with drinking water. For use in non-drinking water applications, tests must be carried out and confirmed by the customer himself.