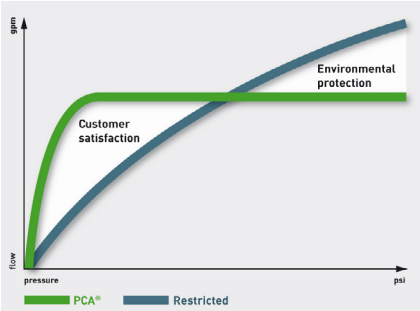


Perlator® Honeycomb Aerator & Flow Regulator c/w **Adjustable Stream**

NO PLUMBING REQUIRED | WATER & ENERGY SAVING | EVEN WATER DISTRIBUTION

Simply replace existing tap aerator or flow straightener

Neoperl **SSR** Perlator® Honeycomb Aerator | **PCA® (Pressure Compensating) Model**



Water consumption: as much as necessary (customer satisfaction), but only as little as possible (environmental protection).

PCA® versions provide a constant & maximum flow rate irrespective of pressure fluctuations

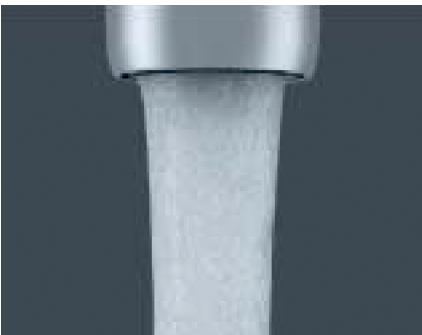
All Neoperl PCA® inserts are equipped with a flow regulator. The flow regulator is composed of a **colour-coded body** and a **dynamic o-ring**. The o-ring reacts to pressure change and alters its shape to adjust the amount of water flowing through the flexible gap.

Operating water pressure 1 Bar to 6 Bar

Where flow rates are stated in gallons/min (**gpm max.**) this refers to a US gallon (3.8 litre/min approx.) and the flow rate will not exceed that stated providing the water pressure is correct. Where flow rates are stated in litres/min (**l/min**) this is subject to ±10% deviation.

RP/SSR Perlator-HC | Pressure Compensating Flow Regulator & Aerator

Sometimes when a tap is installed with a wash basin, the tap stream direction is less than optimum (water splashing, difficulty rinsing hand). NEOPERL designed the SSR to allow adjustments in the water stream direction on site without having to replace an expensive tap or basin. In the basic position there is no visual difference to the standard version. SSR aerators are 100% compatible with standard size housings, which means existing aerator inserts can easily be replaced. The angle of the water stream can be adjusted simply by moving the adjustable tilting plate.



NEOPERL® AERATORS

- control the stream straightness and diameter
- reduce splash by aerating the stream and eliminating side spray
- save water and reduce energy costs
- meet local plumbing codes and standards

PERLATOR® HONEYCOMB FEATURES

- extended life
- perfect stream quality even under difficult flow conditions
- very low noise level
- damage proof: unlike conventional wire mesh screens, the HONEYCOMB structure cannot be crushed
- integrated anti-clogging dome screen filters sediments and particles

Available Sizes and housings

STANDARD (STD)

Female M22

Male M24

US Female 55/64"-27 UNS-2B

US Male 15/16"-27 UNS-2A

Dual Thread 15/16"-27/ 55/64"-27

Euro Male (with side flats) 15/16"-27

TINY JUNIOR (TJ)

Female M19

Male M20

Tamper-Proof Female M22 and Male M24 Housings Available

Rotating sleeve construction to make the aerator and housing theft-proof. Special key is required for removal.

Compact Tamper Proof Male M24 housing

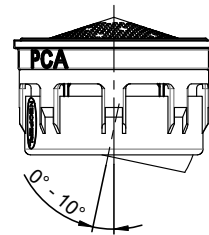
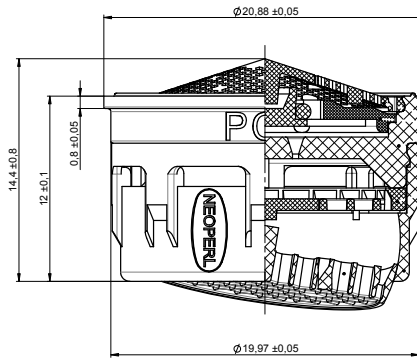
is compatible only with TINY JUNIOR (TJ)

Inserts

Standard (STD) Size PCA® Model – Pressure Compensating Aerator

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

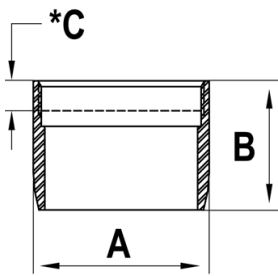
STD (SSR) Perlator® Honeycomb for water pressure 1 bar – 6 bar



Standard (STD) Size PCA® Models			Order Codes		
Flow Rate (± 10%) Litres/min	Flow Rate US gallons/min	Colour Code	Standard (STD) Insert only	c/w Female M22 Housing & Washer	c/w Male M24 Housing & Washer
	1.0 gpm max.	Blue	RP/40.6058.000	RP/40.6058.023	RP/40.6058.033
	1.2 gpm max.	Pink	RP/40.6060.000	RP/40.6060.023	RP/40.6060.033
5.0 l/min		Orange	RP/40.6051.000	RP/40.6051.023	RP/40.6051.033
	1.5 gpm max.	Green	RP/40.6056.000	RP/40.6056.023	RP/40.6056.033
6.0 l/min		Black	RP/40.6052.000	RP/40.6052.023	RP/40.6052.033
	1.75 gpm max.	Light Blue	RP/40.6061.000	RP/40.6061.023	RP/40.6061.033
7.0 l/min		Light Green	RP/40.6055.000	RP/40.6055.023	RP/40.6055.033
	2.0 gpm max.	Lilac	RP/40.6057.000	RP/40.6057.023	RP/40.6057.033
	2.2 gpm max.	Yellow	RP/40.6053.000	RP/40.6053.023	RP/40.6053.033
8.0 l/min		White	RP/40.6054.000	RP/40.6054.023	RP/40.6054.033

Neoperl® chrome housings for Standard (STD) PERLATOR® HC (SSR)

Female M22 Neoperl® chrome housing dimensions for standard (STD) aerator

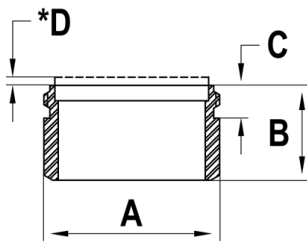


Housing Dimensions		
No	mm	Tolerance
A	23.5	± 0.05
B	17.00	± 0.10
*C	3.90	± 0.40

* Washer stick-in



Male M24 Neoperl® chrome housing dimensions for standard (STD) aerator



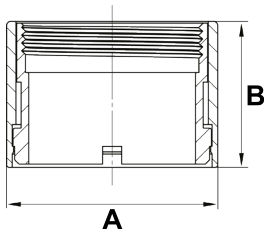
Housing Dimensions		
No	mm	Tolerance
A	23.90	± 0.10
B	13.00	± 0.10
C	4.50	± 0.10
*D	1.25	± 0.25

* Washer stick-out



Female M22 Neoperl® tamper proof chrome housing dimensions for standard (STD) aerator

Tamper proof housings require a special key (RP/BX.011C.1) for fitting and removal



Housing Dimensions – Regular Vandal Proof		
No	mm	Tolerance
A	25.50	+ 0.25 / - 0.25
B	17.60	+ 0.25 / - 0.25

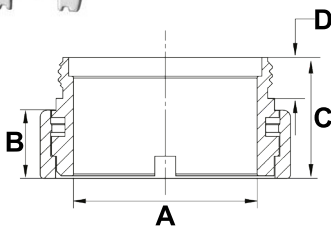


Female M22 tamper proof housings. Part no.: 40.xxxx.513 (xxxx depending on insert)



Male M24 Neoperl® tamper proof chrome housing dimensions for standard (STD) aerator

Tamper proof housings require a special key (RP/BX.011C.1) for fitting and removal



Housing Dimensions – Regular Vandal Proof		
No	mm	Tolerance
A	20.14	+ 0.51 / - 0.51
B	7.49	+ 0.51 / - 0.51
C	13.28	+ 0.51 / - 0.51
D	4.50	+ 0.25 / - 0.25



Male M24 tamper proof housings. Part no.: 40.xxxx.523 (xxxx depending on insert)



Male M24 Neoperl® Compact tamper proof chrome housing for Tiny Junior (TJ) aerator

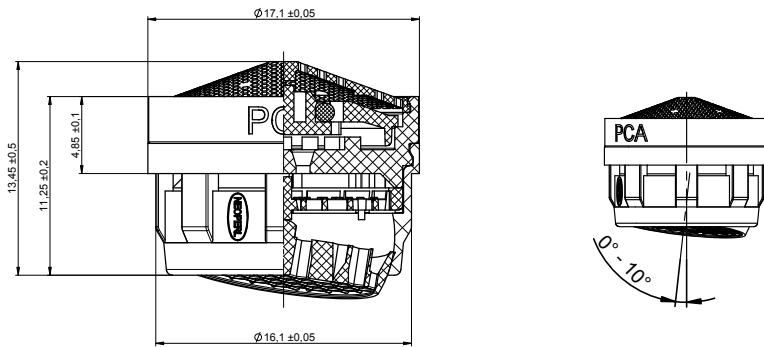
Tamper proof housings require a special key (RP/BX.011C.1) for fitting and removal



Tiny Junior (TJ) Size PCA® Model – Pressure Compensating Aerator

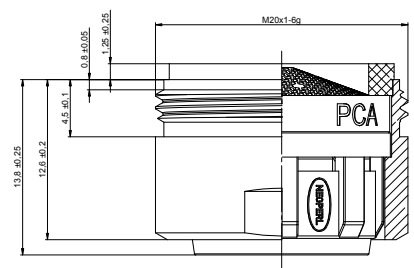
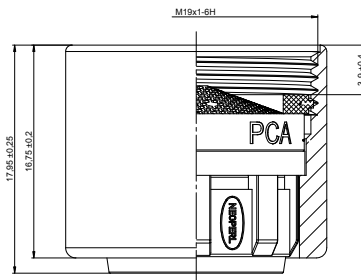
The pressure compensating flow regulator produces – by means of the o-ring – an almost constant flow rate regardless of pressure fluctuations

TJ (SSR) Perlator® Honeycomb for water pressure 1 bar – 6 bar



Tiny Junior (TJ) Size PCA® Models			Order Codes		
Flow Rate Litres/min (± 10%)	Flow Rate US gallons/min	Colour Code	Tiny Junior (TJ) Insert only	c/w Female M19 Housing & Washer	c/w Male M20 Housing & Washer
5.0 l/min		Orange	RP/43.6051.000	RP/43.6051.023	RP/43.6051.033
	1.5 gpm max.	Green	RP/43.6056.000	RP/43.6056.023	RP/43.6056.033
	1.75 gpm max.	Light Blue	RP/43.6061.000	RP/43.6061.023	RP/43.6061.033
7.0 l/min		Light Green	RP/43.6055.000	RP/43.6055.023	RP/43.6055.033
	2.0 gpm max.	Lilac	RP/43.6057.000	RP/43.6057.023	RP/43.6057.033
	2.2 gpm max.	Yellow	RP/43.6053.000	RP/43.6053.023	RP/43.6053.033
8.0 l/min		White	RP/43.6054.000	RP/43.6054.023	RP/43.6054.033

Female M19 and Male M20 Neoperl® chrome housing dimensions for Tiny Junior (TJ) aerator



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