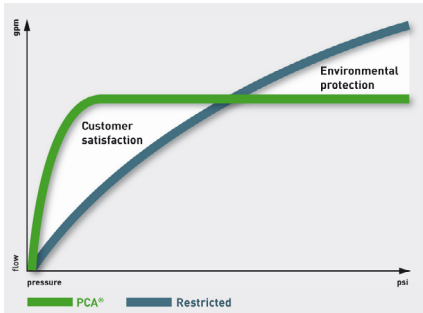


Cascade® SLC model combined aerator and flow regulator

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

Simply replace existing tap aerator or flow straightener

Neoperl Cascade® SLC 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.

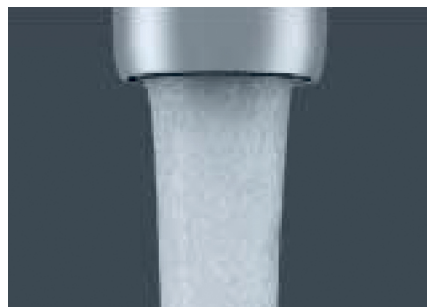
RP/CAFR Cascade-SLC | Pressure Compensating Flow Regulator & Aerator

SLC (SMART LIME CLEANING)

For maximum lifespan of your tap aerator. All the features of Cascade® + maximum lime resistance. No need to remove the aerator for cleaning.

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



CASCADE® SLC FEATURES

- maximum lime resistance
- no need to remove the aerator for cleaning
- perfect stream quality
- very low noise level
- damage proof: unlike conventional wire mesh screens, the CASCADE® SLC 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

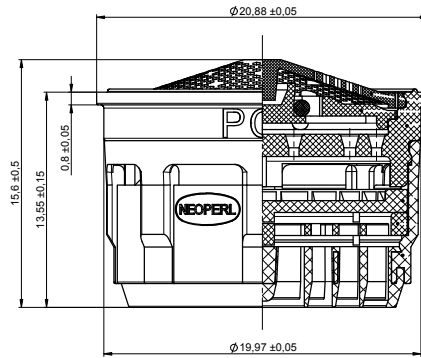
Rotating sleeve construction to make the aerator and housing theft-proof. Special key is required for removal.

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.

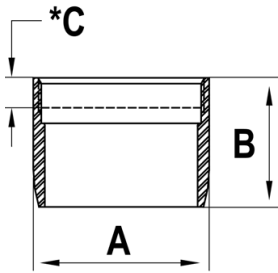
STD Cascade® SLC for water pressure 1 bar – 6 bar



Standard (STD) Size PCA® Models			Order Codes		
Flow Rate ($\pm 10\%$) 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/40.0058.000	RP/40.0058.023	RP/40.0058.033
	1.2 gpm max.	Pink	RP/40.0060.000	RP/40.0060.023	RP/40.0060.033
5.0 l/min		Orange	RP/40.0051.000	RP/40.0051.023	RP/40.0051.033
	1.5 gpm max.	Green	RP/40.0056.000	RP/40.0056.023	RP/40.0056.033
6.0 l/min		Black	RP/40.0052.000	RP/40.0052.023	RP/40.0052.033
	1.75 gpm max.	Light Blue	RP/40.0061.000	RP/40.0061.023	RP/40.0061.033
7.0 l/min		Light Green	RP/40.0055.000	RP/40.0055.023	RP/40.0055.033
	2.0 gpm max.	Lilac	RP/40.0057.000	RP/40.0057.023	RP/40.0057.033
	2.2 gpm max.	Yellow	RP/40.0053.000	RP/40.0053.023	RP/40.0053.033
8.0 l/min		White	RP/40.0054.000	RP/40.0054.023	RP/40.0054.033

Neoperl® chrome housings for Standard (STD) CASCADE® SLC

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

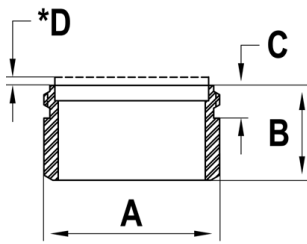


Housing Dimensions		
No	mm	Tolerance
A	23.5	± 0.05
B	17.00	± 0.10
*C	3.90	± 0.40

* Washer stick-in



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



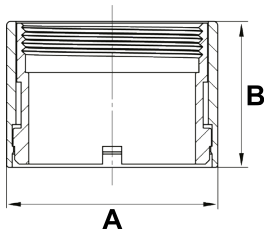
Housing Dimensions		
No	mm	Tolerance
A	23.90	± 0.10
B	13.00	± 0.10
C	4.50	± 0.10
*D	1.25	± 0.25

* 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

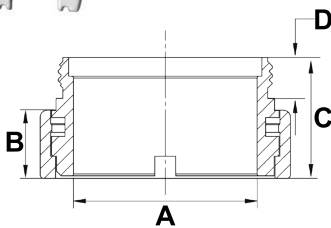


Female M22 tamper proof housings. Part no.: 40.xxxx.513 (xxxx depending on insert)



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

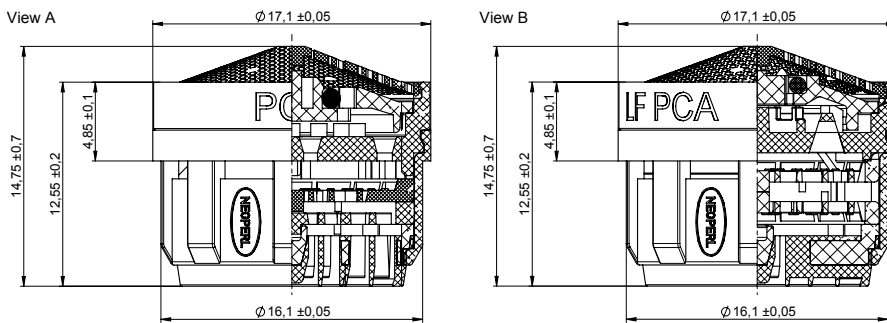
Tamper proof housings require a special key (RP/BX.011C.1) for fitting and removal



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

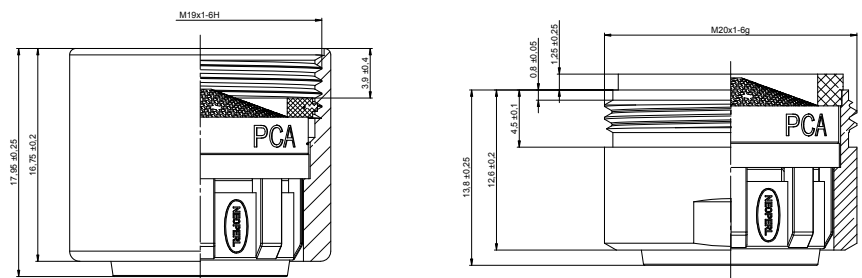
The pressure compensating flow regulator produces – by means of the o-ring – an almost constant flow rate regardless of pressure fluctuations.

TJ Cascade® SLC for water pressure 1 bar – 6 bar



Tiny Junior (TJ) Size PCA® Models			Order Codes		
Flow Rate - View B Litres/min (± 10%)	Flow Rate - View B US gallons/min	Colour Code	Tiny Junior (TJ) Insert only	c/w Female M19 Housing & Washer	c/w Male M20 Housing & Washer
	1.0 gpm max.	Blue	RP/43.0058.000	RP/43.0058.023	RP/43.0058.033
	1.2 gpm max.	Pink	RP/43.0060.000	RP/43.0060.023	RP/43.0060.033
Flow Rate (View A)	Flow Rate (View A)	Colour Code	TJ Insert only	c/w Female M19	c/w Male M20
5.0 l/min		Orange	RP/43.0051.000	RP/43.0051.023	RP/43.0051.033
	1.5 gpm max.	Green	RP/43.0056.000	RP/43.0056.023	RP/43.0056.033
	1.75 gpm max.	Light Blue	RP/43.0061.000	RP/43.0061.023	RP/43.0061.033
7.0 l/min		Light Green	RP/43.0055.000	RP/43.0055.023	RP/43.0055.033
	2.0 gpm max.	Lilac	RP/43.0057.000	RP/43.0057.023	RP/43.0057.033
	2.2 gpm max.	Yellow	RP/43.0053.000	RP/43.0053.023	RP/43.0053.033
8.0 l/min		White	RP/43.0054.000	RP/43.0054.023	RP/43.0054.033

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



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