

Perlator® HC Caché model combined aerator and flow regulator

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

Simply replace existing tap aerator or flow straightener. The CACHÉ® insert is screwed directly into the tap eliminating the need for a housing

Neoperl Perlator® HC Caché® Aerator | PCA® (Pressure Compensating) Model



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

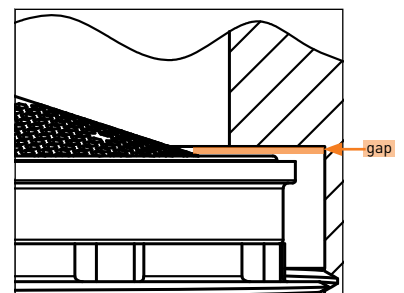
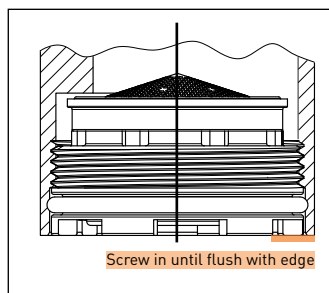
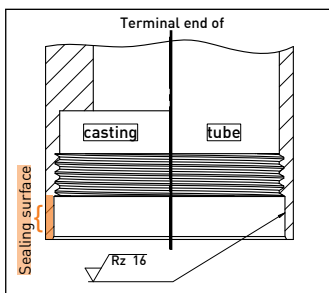
PCA® versions provide a constant & maximum flow rate irrespective of pressure fluctuations

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 $\pm 10\%$ deviation.

May not be used for hot water application exceeding 60°C



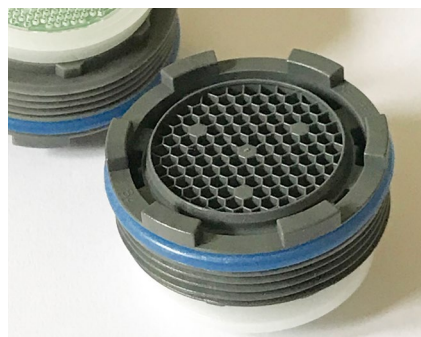
Due to radial sealing, make sure aerator is not screwed in to the limit but until CACHÉ® aerator is flush with edge. For pressure resistance reasons thread must be true to gauge.

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



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® HC 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

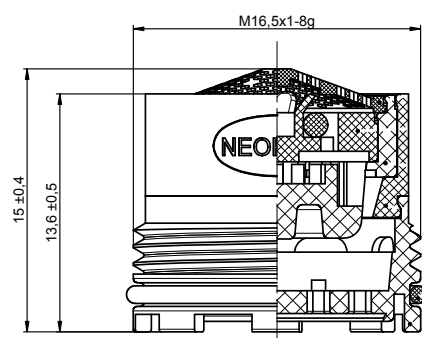
- Standard (**STD**) – M24
- Junior (**JR**) – M21.5
- Tiny Junior (**TJ**) – M18.5
- Tom Thumb (**TT**) – M16.5

PCA® Model – Pressure Compensating Perlator HC CACHÉ Aerator

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

Available Sizes—Perlator® HC Caché® for water pressure 1 bar – 6 bar

Caché Inserts			Order Codes			
Flow Rate L/min (± 10%)	Flow Rate: US Gallons/min	Colour Code	M16.5 Tom Thumb (TT)	M18.5 Tiny Junior (TJ)	M21.5 Junior (JR)	M24 Standard (STD)
	0.5 gpm max.	Lime	–	RP/43.2259.010	RP/42.2259.010	–
	1.0 gpm max.	Blue	RP/44.3258.010	RP/43.2258.010	RP/42.2258.010	RP/40.2258.010
	1.2 gpm max.	Pink	RP/44.3260.010	RP/43.2260.010	RP/42.2260.010	RP/40.2260.010
5.0 l/min		Orange	RP/44.3251.010	RP/43.2251.010	RP/42.2251.010	RP/40.2251.010
	1.5 gpm max.	Green	RP/44.3256.010	RP/43.2256.010	RP/42.2256.010	RP/40.2256.010
6.0 l/min		Black	–	–	–	RP/40.2252.010
	1.75 gpm max.	Light Blue	RP/44.3261.010	RP/43.2261.010	RP/42.2261.010	RP/40.2261.010
7.0 l/min		Light Green	RP/44.3255.010	RP/43.2255.010	RP/42.2255.010	RP/40.2255.010
	2.0 gpm max.	Lilac	RP/44.3257.010	RP/43.2257.010	RP/42.2257.010	RP/40.2257.010
	2.2 gpm max.	Yellow	RP/44.3253.010	RP/43.2253.010	RP/42.2253.010	RP/40.2253.010
8.0 l/min		White	RP/44.3254.010	RP/43.2254.010	RP/42.2254.010	RP/40.2254.010



M16.5 Tom Thumb (TT) Dimensions

Caché Service Key

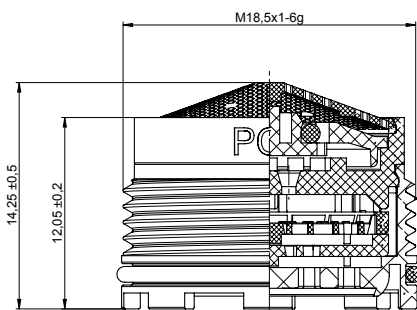
Order Codes:

- RP/CACHE/KEY/TT
- RP/CACHE/KEY/TJ
- RP/CACHE/KEY/JR
- RP/CACHE/KEY/STD

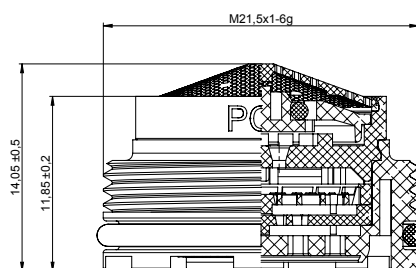
Approximate size guide for caché service keys:

Yellow (TT) = 16mm, Green (TJ) = 18mm

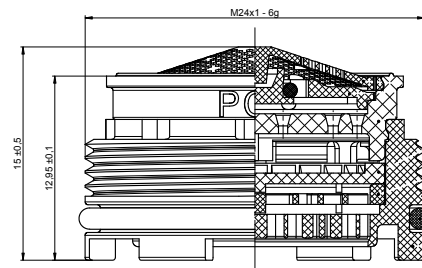
Red (JR) = 21mm, Grey (STD) = 24mm



M18.5 Tiny Junior (TJ) Dimensions



M21.5 Junior (JR) Dimensions



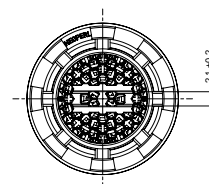
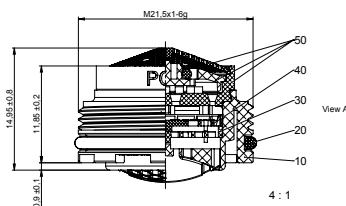
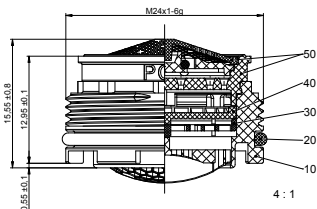
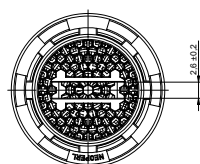
M24 Standard (STD) Dimensions

PCA® Model – Pressure Compensating CACHÉ Coin Slot Aerator

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

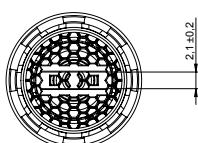
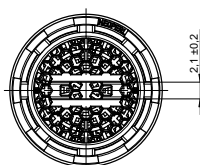
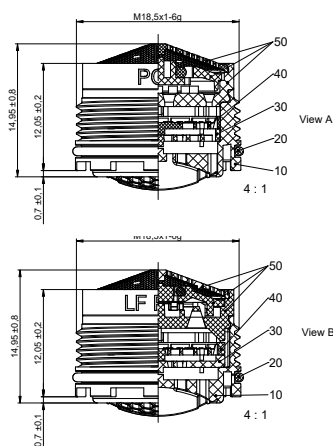
Available Sizes—Caché® Coin Slot for water pressure 1 bar – 6 bar

Caché Inserts			Order Codes			
Flow Rate L/min (± 10%)	Flow Rate: US Gallons/min	Colour Code	M16.5 Tom Thumb (TT)	M18.5 Tiny Junior (TJ)	M21.5 Junior (JR)	M24 Standard (STD)
	0.5 gpm max.	Lime	–	RP/43.2259.450	RP/42.2259.450	–
	1.0 gpm max.	Blue	RP/44.3258.450	RP/43.2258.450	RP/42.2258.450	RP/40.2258.450
	1.2 gpm max.	Pink	RP/44.3260.450	RP/43.2260.450	RP/42.2260.450	RP/40.2260.450
5.0 l/min		Orange	RP/44.3251.450	RP/43.2251.450	RP/42.2251.450	RP/40.2251.450
	1.5 gpm max.	Green	RP/44.3256.450	RP/43.2256.450	RP/42.2256.450	RP/40.2256.450
6.0 l/min		Black	–	–	–	RP/40.2252.450
	1.75 gpm max.	Light Blue	RP/44.3261.450	RP/43.2261.450	RP/42.2261.450	RP/40.2261.450
7.0 l/min		Light Green	RP/44.3255.450	–	RP/42.2255.450	RP/40.2255.450
	2.0 gpm max.	Lilac	RP/44.3257.450	RP/43.2257.450	RP/42.2257.450	RP/40.2257.450
	2.2 gpm max.	Yellow	RP/44.3253.450	RP/43.2253.450	RP/42.2253.450	RP/40.2253.450
8.0 l/min		White	RP/44.3254.450	RP/43.2254.450	RP/42.2254.450	RP/40.2254.450



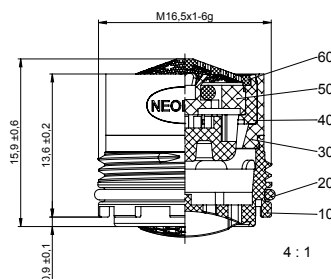
M24 Standard (STD) Dimensions

M21.5 Junior (JR) Dimensions



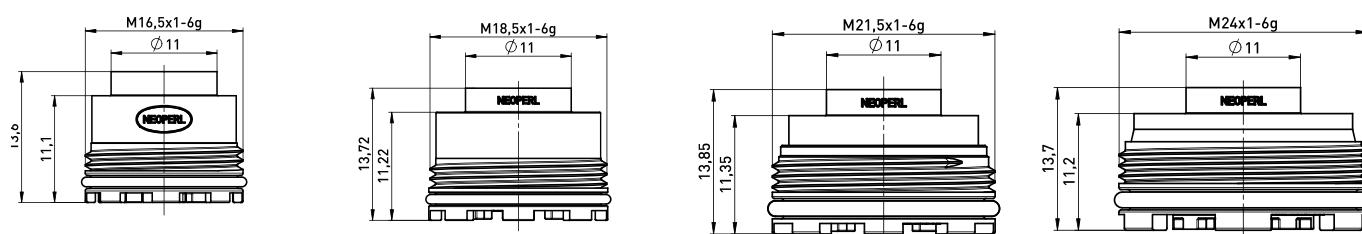
M18.5 Tiny Junior (TJ) Dimensions

M16.5 Tom Thumb (TT) Dimensions



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

Caché Inserts			Order Codes			
Flow Rate L/min (± 10%)	Flow Rate: US Gallons/min	Colour Code	M16.5 Tom Thumb (TT)	M18.5 Tiny Junior (TJ)	M21.5 Junior (JR)	M24 Standard (STD)
						
	0.5 gpm max.	Lime	RP/01.2521.000	RP/01.2531.000	RP/01.2541.000	RP/01.2551.000



CACHE® HC TENMILL (10M) aerators have a small-sized stream diameter providing a perfectly aerated stream. With a flow rate of only 0.5gpm, they are a comfortable alternative to PCA® Spray models. Combined with special adapters, 10M aerators can be “upsized” to Low Flow Comfort Aerators of all other aerator sizes (TT, TJ, JR and STD size).



Order Codes:

- | | |
|---|------------------|
|  | RP/CACHE/KEY/TT |
|  | RP/CACHE/KEY/TJ |
|  | RP/CACHE/KEY/JR |
|  | RP/CACHE/KEY/STD |

Approximate size guide for caché service keys:
Yellow (TT) = 16mm, Green (TJ) = 18mm
Red (JR) = 21mm, Grey (STD) = 24mm



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