PCA® Perlator®

Laminar Stream – 1.8 gpm max
Pressure Compensating   Regular Size

NEOPERL®
flow, stop and go®

Features and Benefits

▶ Watercolours ˚ design: Color coding to identify flow rate and stream pattern.

▶ Patented construction provides a splash-free, crystal clear (non-aerated) stream.

▶ Pressure compensating for constant flow from 20 to 80 psi.

▶ Recommended for use in healthcare facilities to prevent mixing air and water.

▶ Integrated anti-liming honeycomb replaces conventional wire mesh screens prone to lime build up.

▶ Anti-clogging dome screen filters sediment and particles.

▶ Compatible with regular and vandal proof M22 & M24 metric housings.

▶ Available housing finishes: chrome, polished brass, brushed nickel and oil rubbed bronze.

▶ Laser marked housings with statutory marks.

Certifications

ANSI/ NSF ˚ -61-372
ASME A112.18.1M and CSA B125
Meets *CAL Green* requirements
Complies with CEC Amendment to CCR Title 20, section 1605.3

WaterSense
Meets EPA Criteria
Certified by
NSF International

Thread & Part Number

Part #	Designation	Thread Size
TSL-180INST-N	Insert only	
TSL-180MST-N	Regular male	15/16"-27
TSL-180FST-N	Regular female	55/64"-27
TSL-180DTST-N	Regular dual thread	15/16"-27 x 55/64"-27
TSL-180MSTVP-N	Vandal proof regular male	15/16"-27
TSL-180FSTVP-N	Vandal proof regular female	55/64"-27
TSL-180DTSTVP-N	Vandal proof regular dual thread	15/16"-27 x 55/64"-27

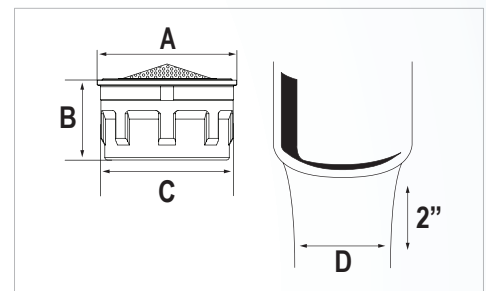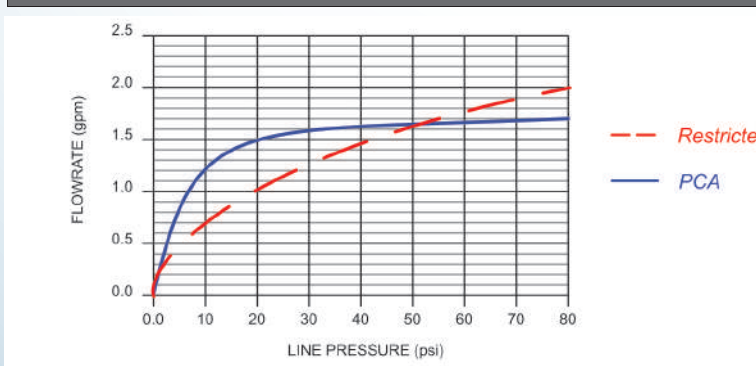Other product combinations available.

Packaging:
Inserts	1 pc (bag), 6 pcs (bag), 50 pcs (bag)
Reg. male/female/dual thread	1 pc (bag), 6 pcs (tube), 50 pcs (tray)
Reg. vandal proof male/female/dual thread	1 pc (bag), 6 pcs (tube), 40 pcs (tray)

Color Code

Dome	Flow Regulator	Basket
Clear	Light Blue	Light Gray

Flow Rate Curve

- - - Restricted
——— PCA

FLOWRATE (gpm) vs LINE PRESSURE (psi)

Dimensions

No	mm	In
A	20.88	.822
B	12.00	.472
C	19.97	.786
D	≈ 13	≈ 1/2

Housings

Regular Male	Regular Female	Regular Dual Thread
VP Male	VP Female	VP Dual Thread

Technical Data

Materials:
	Body	Acetal
	O-ring	EPDM
	Washer	EPDM

Continuous

max. 60 °C — max. 140 °F

90psi max. = 6.2bar max.

Short-term (5 minutes max.)
Per ASME A112.18.1 testing requirements.

max. 70 °C — max. 160 °F

125psi max. = 8.5bar max.