

PeakFlow® Series Anti-scaling Systems

Peak performance for
residential and
commercial
applications

PeakFlow® S
Standard



PeakFlow® C
Commercial



PeakFlow® A
Advanced





Anti-scaling water treatment systems for residential and commercial applications

Navien PeakFlow® chemical-free anti-scale water treatment systems are available in three models: PeakFlow S (Standard), PeakFlow A (Advanced) and PeakFlow C (Commercial). PeakFlow products prevent scale formation on plumbing surfaces in appliances and water systems, and are an effective, environmentally-friendly alternative to water softeners that are critical for water system longevity.



Specifications

Item		PeakFlow S, Standard	PeakFlow A, Advanced	PeakFlow C, Commercial
Part Number		GPWC1101AC001	GPWC3101AC001	GPWC5101AC001
Flow Rate	Maximum	6 GPM (23 L/m)	10 GPM (38 L/m)	20 GPM (76 L/m)
	Continuous	4 GPM (15 L/m)	6 GPM (23 L/m)	16 GPM (60 L/m)
Maximum pressure		90 PSI (6.2 bar)	150 PSI (10 bar)	150 PSI (10 bar)
Temperature	Maximum	100°F (38°C)	122°F (50°C)	122°F (50°C)
	Minimum	40°F (5°C)	37°F (3°C)	37°F (3°C)
Inlet/outlet connections		3/4" NPT	1" NPT	1-1/4" NPT
Media replacement period		2 years	5 years	5 years
Unit size (W x H)		7" x 13-1/2"	6 1/2" x 22 1/2"	12" x 57"
Certification		IAPMO R&T certified to NSF 61 Standard		



Navien PeakFlow S, PeakFlow A and PeakFlow C are certified by IAPMO R&T to NSF/ANSI/CAN 61 Standard





Operating conditions

pH	6.5 to 8.5
Hardness (maximum)	75 grains (1282 ppm CaCO ₃)
Chlorine (maximum)	2 ppm (mg/L)
Iron (maximum)	0.3 ppm (mg/L)
Manganese (maximum)	0.05 ppm (mg/L)
Oil & H₂S	Must be removed before PeakFlow
Polyphosphate	Must be removed before PeakFlow
Silica (maximum)	20 ppm (mg/L)*

*PeakFlow does not reduce silica scaling. While silica tends to have a less significant effect on scale formation than other minerals, it can act as a binder that makes water spots and scale residue outside the plumbing system difficult to remove.

Navien PeakFlow systems have been protecting Navien tankless water heaters and combi-boilers from damaging lime/calcium deposits in their products for many years. This advanced technology is now available to protect your complete water supply system for residential and commercial applications.

DHW piping



Tankless water heater heat exchanger



Water heater outlet



PeakFlow

Replacement Media

PeakFlow®S Replacement Media

GWFC110GD001



PeakFlow®A Replacement Media

GWFC310GD001



PeakFlow®C Replacement Media

GWFC510GD001



Effective & environmentally-
friendly water treatment systems.

Contact your local Navien representative to learn how Navien PeakFlow technology is bringing the most efficient anti-scaling water treatment systems to your customer's business and/or residence.

Navien Inc., 20 Goodyear, Irvine, CA 92618 800-519-8794 navieninc.com

Navien Canada, Inc. 555 Hanlan Rd., Unit 7 Vaughan, ON L4L 4R8 800-519-8794 navieninc.ca

