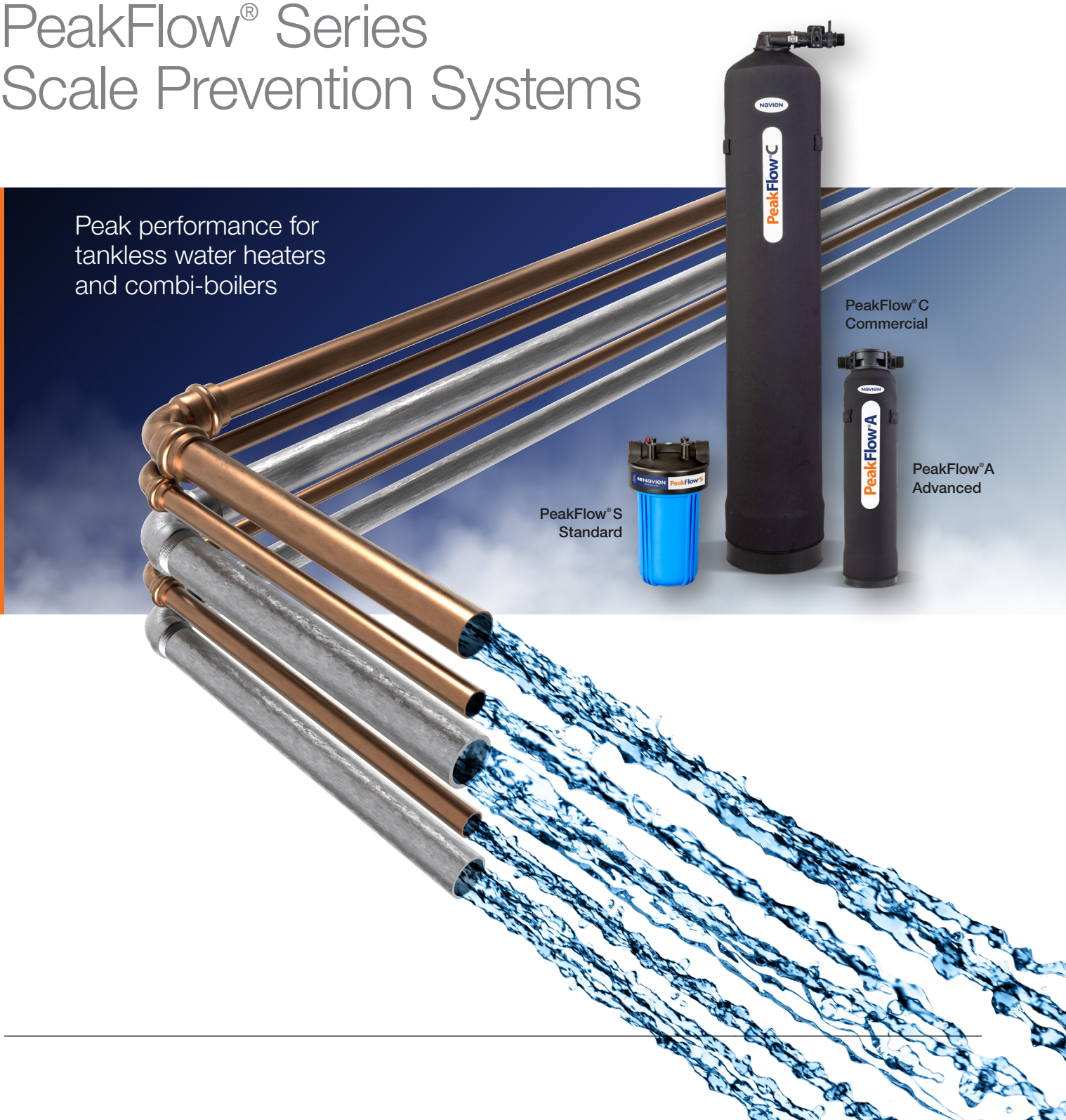
PeakFlow®

PeakFlow® Series
Scale Prevention Systems



PeakFlow®

Scale prevention systems for tankless water heaters and combi-boilers

Chemical-free scale prevention systems provide effective, environmentally friendly protection against scale buildup in plumbing and appliances. Available in Standard (S), Advanced (A) and Commercial (C) models, they deliver scale prevention solutions that are critical to maximizing performance and extending the lifespan of water systems.







Specifications

Item		PeakFlow S, Standard	PeakFlow A, Advanced	PeakFlow C, Commercial
Part Number		GPWC110001AC001	GPWC310001AC001	GPWC510001AC001
Flow Rate	Maximum	6 GPM (23 L/m)	10 GPM (38 L/m)	16 GPM (60.5 L/m)
	Continuous	4 GPM (15 L/m)	6 GPM (23 L/m)	12 GPM (45.5 L/m)
Maximum pressure		90 PSI (6.2 bar)	150 PSI (10 bar)	150 PSI (10 bar)
Temperature	Maximum	100°F (38°C)	100°F (38°C)	100°F (38°C)
	Minimum	40°F (5°C)	37°F (3°C)	37°F (3°C)
Inlet/outlet connections		3/4" FNPT	1" MNPT	1" MNPT
Media replacement period		2 years	5 years	5 years
Unit size (W x H)		7" x 13-1/2"	5 1/2" x 22 1/2"	10" x 57"
Certification		IAPMO R&T certified to NSF 61 Standard		

Navien PeakFlow products are intended solely to prevent scale accumulation on tankless water heater and combi-boiler heat exchangers and internal plumbing surfaces. PeakFlow products do not reduce water hardness, eliminate spotting, or improve soap efficacy. PeakFlow is not intended for use with storage-type water heaters, recirculating loops, or flow rates that exceed their rated capacity. Use in closed-loop systems or pressurized loops may lead to premature media degradation, reduced treatment effectiveness, or permanent damage and is not supported by Navien warranty. For full installation parameters, see PeakFlow installation manuals at navieninc.com.

NSF/ANSI/CAN 61 IAPMO R&T ®

Navien PeakFlow S (GPWC110001AC001), PeakFlow A (GPWC310001AC001), and PeakFlow C (GPWC510001AC001) are certified by IAPMO R&T to NSF/ANSI/CAN 61 Standard.

Navien PeakFlow A (GPWC31000AC001) is certified by IAPMO R&T to IAPMO Z601 -83% for scale reduction.

PeakFlow®



Operating conditions

pH	6.5 to 8.5
Hardness (maximum)	75 grains (1282 ppm CaCO3)
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.

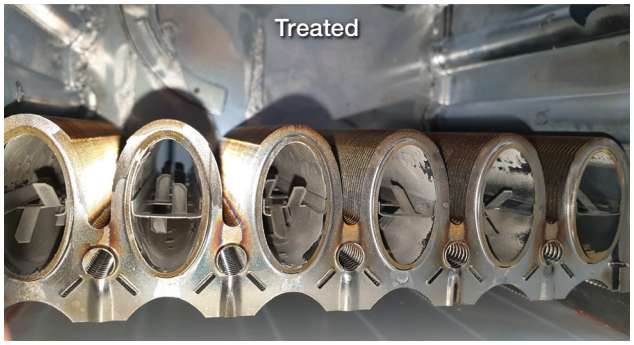
Navien PeakFlow systems have been protecting Navien tankless water heaters and combi-boilers from damaging lime/calcium deposits in their products for many years. This advanced technology is now available to protect your complete water supply system for residential and commercial applications.

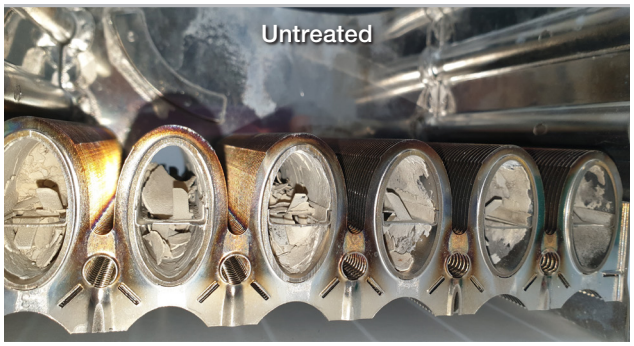
DHW piping



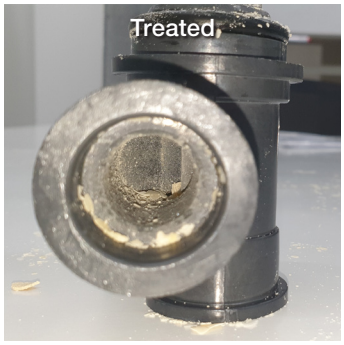


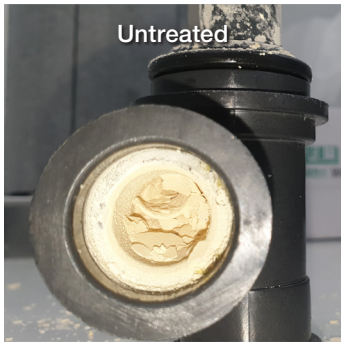
Tankless water heater heat exchanger





Water heater outlet





PeakFlow

Replacement Media

PeakFlow®S
Replacement Media
GWFC110GD001



PeakFlow®A
Replacement Media
GWFC310GD001



PeakFlow®C
Replacement Media
GWFC510GD001



MEMBER Water Quality ASSOCIATION

NAVIEN

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