

WATER TREATMENT CARTRIDGE SYSTEMS



NSF 61 CERTIFIED FREE STANDING & MULTI-VESSEL SKID SYSTEMS



Applied
**CARTRIDGE
SYSTEMS**

NSF 61 CERTIFIED SYSTEMS

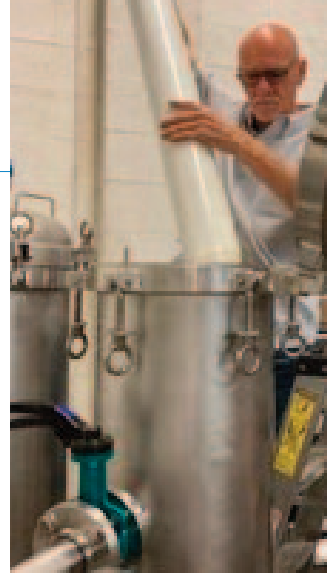
All Applied Cartridge Systems skids and freestanding models are NSF 61/ANSI/CAN 61 certified for potable drinking water. Each cartridge system comes complete with stainless steel housings and prefilters, NSF 61 certified together, for drop-in-ready installation.

Optional pre-plumbed piping assemblies are custom built according to the needs of each application. We only use NSF 61 certified cartridges, valves, meters and other components to ensure that each cartridge system we build goes out the door 100% NSF 61 certified.

CHOICE OF WATER TREATMENT CARTRIDGES

A selection of sealed NSF 61 cartridges is available to address a range of water treatment requirements. Each cartridge media has been specially formulated to work with Applied Cartridge Systems.

Easy, 1-person loading and simple cartridge replacement.



NSF/ANSI/ CAN 61 CERTIFIED

UNMATCHED QUALITY AND CONVENIENCE



5, 10, 15, 20 & 25 GPM
Freestanding models

FULL RANGE OF SYSTEM CAPACITIES

Freestanding 5, 10, 15, 20 & 25 GPM models and 50 & 100 GPM skid systems can all be multi-unit configured to address a full range of water treatment applications.

Applied Cartridge Systems are widely installed at Water Utilities, RV Parks, Hotels/Resorts, Casinos, Military bases, Manufacturing facilities, Housing subdivisions and multi user well sites of all sizes across North America.

STAINLESS STEEL HOUSINGS

All standard cartridge systems are NSF 61 certified as packages that include 304 stainless steel housings and stainless steel or polypropylene pre-filters.

Applied Cartridge Systems are exceptionally user-friendly and convenient to work with. There is no backwashing, bulk media replacement or hazardous waste streams to dispose of.



Quick, easy installation with pre-plumbed piping sub-assemblies.

SMALL FOOTPRINTS

Applied Cartridge Skid Systems don't require large storage tanks like other bulk media water treatment systems. Footprints for 50 GPM skids are roughly 5 ft. long by 1-1/2 ft. deep, and the 100 GPM skids are only 5 ft. long by 3 ft. deep.





*100 GPM Skid System
with 3-bag prefilter and
piping sub-assembly*

FAST, DROP-IN READY INSTALLATION

Applied Cartridge Systems are predesigned for reduced upfront engineering expense. Onsite mechanical and plumbing work is minimal, typically no electrical service or sewer hook-up required.

With simple inlet/outlet flange connections and pre-plumbed piping sub-assemblies, in many cases a cartridge system can be completely assembled and ready to hook-up to your water supply in less than one day.



*50 GPM Skid with
single-bag prefilter and
piping sub-assembly.*



NO BACKWASHING OR COMPLICATED MAINTENANCE

Maintenance is minimal. There is no backwashing, no wastewater or spent media to dispose of, just periodic one-man cartridge replacement.

Multi-vessel and multi-skid configurations allow for continuous operation during changeout of media cartridges. That means no downtime for maintenance.

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NSF/ANSI/ CAN 61 CERTIFIED WATER TREATMENT CARTRIDGE SYSTEMS

7 STANDARD SIZES — STAINLESS STEEL CONSTRUCTION

	5 GPM	10 GPM	15 GPM	20 GPM	25 GPM	50 GPM	100 GPM
Model:	ISO-5-SS	ISO-10-SS	ISO-15-SS	ISO-20-SS	ISO-25-SS	ISO-50-SK	ISO-100-SK
Maximum Flow Rate:	5 gpm	10 gpm	15 gpm	20 gpm	25 gpm	50 gpm	100 gp
No. of Vessels:	1	1	1	1	1	2 on skid	4 on skid
No. of Cartridges:	1	2	3	4	5	10	20
System Maintenance:	NO BACKWASHING REQUIRED						
Pre-filter: (included)	10" 1-micron cartridge filter Polypropylene	20" 1-micron cartridge filter Polypropylene	20" 1-micron cartridge filter Polypropylene	20" 1-micron cartridge filter Polypropylene	1-micron, 1 bag bag filter Stainless Steel	1-micron, 1 bag bag filter Stainless Steel	1-micron, 3 bag bag filter Stainless Steel
Vessel Size:	6.5" OD x 53" H	10" OD x 58" H	10" OD x 58" H	12" OD x 58" H	14" OD x 67-3/8" H	NA	NA
Vessel Construction:	100 psi, 304 SS	100 psi, 304 SS	100 psi, 304 SS	100 psi, 304 SS	150 psi, 304 SS	150 psi, 304 SS	150 psi, 304 SS
Cartridge Size:	4.5" OD x 42" L	4.5" OD x 42" L	4.5" OD x 42" L	4.5" OD x 42" L	4.5" OD x 42" L	4.5" OD x 42" L	4.5" OD x 42" L
Shipping Weight:	27 lbs.	71 lbs.	71 lbs.	105 lbs.	330 lbs.	675 lbs.	1,200 lbs.
Inlet/Outlet Connection:	1.5" FPT	1.5" FPT	1.5" FPT	2" FNPT	2" ASME Flange	2" ASME Flange	3" ASME Flange
System Footprint:	10"L x 10"D x 53"H	15"L x 15"D x 59"H	15"L x 15"D x 59"H	18"L x 18"D x 59"H	22"L x 22"D x 67"H	64"L x 18"D x 75"H	58"L x 39"D x 75"H
Minimum Headroom for cartridge removal*	82"	84"	84"	84"	108"	120"	120"

* Low-profile custom models are available as required by application. ** Media is NSF 61 Certified separately by other independent companies.



**SELECTION OF EASY-TO-LOAD
SPECIALLY FORMULATED
TREATMENT CARTRIDGES
TO CHOOSE FROM**



ISO-05-SS, ISO-10-SS, ISO-15-SS, ISO-20-SS, ISO-25-SS, ISO-50-SK and ISO-100-SK have been certified by IAPMO R&T against standard NSF/ANSI/CAN 61 and 372 for material safety and lead free requirements. Not certified for contaminant reduction or structural integrity by IAPMOR&T.

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