



Hungerford & Terry
“Plug & Play”
GreensandPlus™
Systems...



Pre-engineered to last a lifetime.

Water Filtration Packages for Iron, Manganese, Hydrogen Sulfide, Arsenic, and Radium Removal

New Hungerford & Terry “Plug & Play” GreensandPlus™ Systems can provide low-cost, pre-engineered solutions to handle a wide range of water filtration applications... when and where you need them

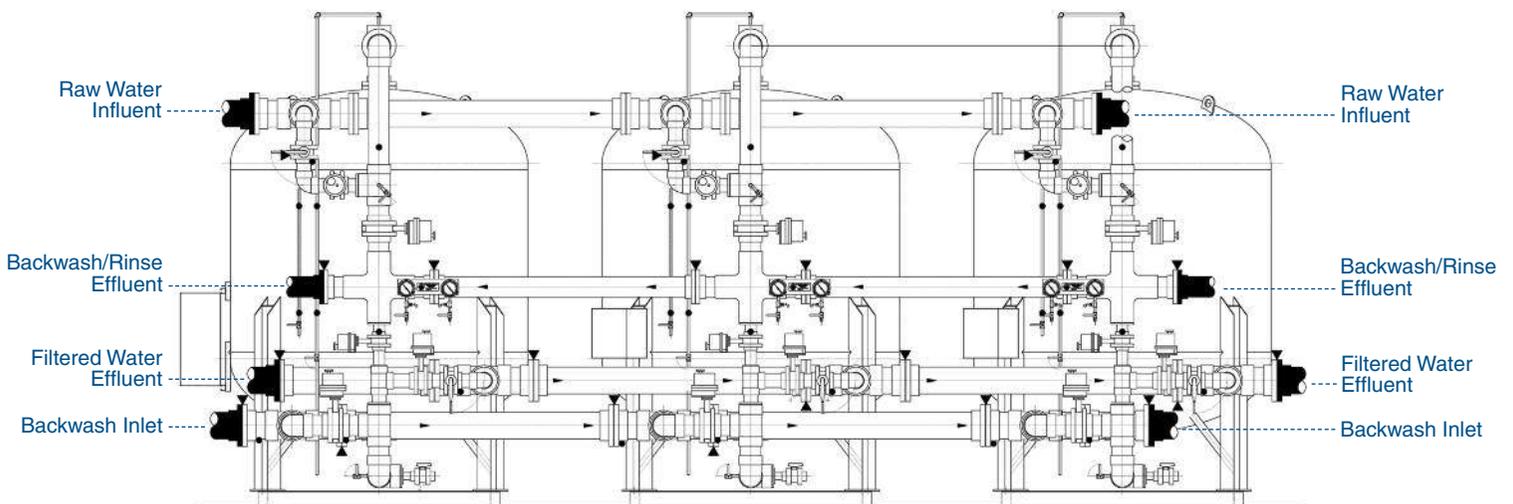
Here’s why:

Low cost because it's already pre-engineered with all the right stuff – all the value is in the components with no associated engineering cost typical of "Plans and Specs" Systems

Designed to handle flows from 14 to 2808 gpm, “Plug & Play” Water Filtration Systems are available with one to three tanks, in diameters from 36” to 120” in 6” increments, complete with piping, valves, actuators, instruments, and controls – all mounted on a rugged, durable, skid-mounted frame.

Simply set in place wherever filtration is needed, hook up water and electrical connections, load & condition media, and the system is operational for: **Iron, Manganese, Hydrogen Sulfide, Arsenic, and Radium Removal.**

A highly versatile design to accommodate a variety of treatment and flow rate demands



H&T “Plug & Play” Water Filtration Systems feature a versatile “Daisy-Chain” design that allows for coupling one to three vessels.

Common “straight-through” headers with magnetic bi-directional flowmeters allow simple and easy connections for raw water, treated water, and waste water.

Manufactured with rugged, durable components, to provide low maintenance and superior performance

All "Plug & Play" Water Filtration Systems utilize the same high quality components, controls, and filter media found on "customized" water treatment systems that are manufactured to specifications for larger scale H&T filtration applications.

Standardized system features include:



ASME Code steel pressure tanks with stamp rated for 100 psi working pressure



Genuine, State-of-the-art Allen Bradley PLC Controller



Electric actuator operated butterfly valves with integral anti-condensation heaters and manual hand wheel override



State-of-the-art touch screen operator interface terminal with no lights or switches to wear out or replace



Magnetic bi-directional flowmeter with stainless steel electrodes, 4-20 mA output, local display, NEMA 4X housing, and no moving parts to wear out



Non-ferrous, hub-curved, non-corrosive underdrain eliminates the need for concrete sub-fill with no "hide-out" beneath the distribution system



Genuine GreensandPlus™ filtration media – tried, proven, and recognized standards in ten states and AWWA B 102-04

Exceptional customer support that includes application planning, telephone support, and on-site installation supervision to ensure proper operation of your system

As a private **employee-owned** company, every employee of Hungerford & Terry takes great pride, and has a vested interest in ensuring your satisfaction with its products, systems, and services.

Backed by extensive electrical and mechanical engineering capabilities, fully equipped wet lab for sample testing and computer monitoring, pilot plant capabilities for testing, and an experienced customer service team, we work together to analyze your water problem and recommend the proper "Plug & Play" Water Filtration System to meet your exact water treatment requirements.



Equipment Selection Guide

Model No.	Number of Filters	Tank Diameter (feet)	Sq. Ft. of Surface Area	Grain Capacity		Flow Rate (in GPM)			Backwash Rate (per filter)	Valve Sizes (inches) per tank				Waste
				Min.	Max.	Min.	Opt.	Max.		Inlet	Outlet	Backwash Inlet	Backwash Outlet	
GSP36-X1	1		7	4,900	8,400	14	35	84						
GSP36-X2	2	3	14	9,800	16,800	28	70	168	84	1.5	1.5	2	2	1.5
GSP36-X3	3		21	14,700	25,200	42	105	252						
GSP42-X1	1		9	6,300	10,800	18	45	108						
GSP42-X2	2	3.5	18	12,600	21,600	36	90	216	108	2	2	3	3	2
GSP42-X3	3		27	18,900	32,400	54	135	324						
GSP48-X1	1		12	8,400	14,400	24	60	144						
GSP48-X2	2	4	24	16,800	28,800	48	120	288	144	2	2	3	3	2
GSP48-X3	3		36	25,200	43,200	72	180	432						
GSP54-X1	1		15	10,500	18,000	30	75	180						
GSP54-X2	2	4.5	30	21,000	36,000	60	150	360	180	2	2	3	3	2
GSP54-X3	3		45	31,500	54,000	90	225	540						
GSP60-X1	1		19	13,300	22,800	38	95	228						
GSP60-X2	2	5	38	26,600	45,600	76	190	456	228	3	3	4	4	3
GSP60-X3	3		57	39,900	68,400	114	285	684						
GSP66-X1	1		23	16,100	27,600	46	115	276						
GSP66-X2	2	5.5	46	32,200	55,200	92	230	552	276	3	3	4	4	3
GSP66-X3	3		69	48,300	82,800	138	345	828						
GSP72-X1	1		28	19,600	33,600	56	140	336						
GSP72-X2	2	6	56	39,200	67,200	112	280	672	336	3	3	4	4	3
GSP72-X3	3		84	58,800	100,800	168	420	1008						
GSP78-X1	1		33	23,100	39,600	66	165	396						
GSP78-X2	2	6.5	66	46,200	79,200	132	330	792	396	3	3	4	4	3
GSP78-X3	3		99	69,300	118,800	198	495	1188						
GSP84-X1	1		38	26,600	45,600	76	190	456						
GSP84-X2	2	7	76	53,200	91,200	152	380	912	456	4	4	6	6	3
GSP84-X3	3		114	79,800	136,800	228	570	1368						
GSP90-X1	1		44	30,800	52,800	88	220	528						
GSP90-X2	2	7.5	88	61,600	105,600	176	440	1056	528	4	4	6	6	3
GSP90-X3	3		132	92,400	158,400	264	660	1584						
GSP96-X1	1		50	35,000	60,000	100	250	600						
GSP96-X2	2	8	100	70,000	120,000	200	500	1200	600	4	4	6	6	3
GSP96-X3	3		150	105,000	180,000	300	750	1800						
GSP102-X1	1		56	39,200	67,200	112	280	672						
GSP102-X2	2	8.5	112	78,400	134,400	224	560	1344	672	4	4	6	6	3
GSP102-X3	3		168	117,600	201,600	336	840	2016						
GSP108-X1	1		63	44,100	75,600	126	315	756						
GSP108-X2	2	9	126	88,200	151,200	252	630	1512	756	4	4	6	6	3
GSP108-X3	3		189	132,300	226,800	378	945	2268						
GSP114-X1	1		70	49,000	84,000	140	350	840						
GSP114-X2	2	9.5	140	98,000	168,000	280	700	1680	840	4	4	6	6	3
GSP114-X3	3		210	147,000	252,000	420	1050	2520						
GSP120-X1	1		78	54,600	93,600	156	390	936						
GSP120-X2	2	10	156	109,200	187,200	312	780	1872	936	6	6	8	8	4
GSP120-X3	3		234	163,800	280,800	468	1170	2808						

Hungerford & Terry, Inc.

A Leader in Providing Custom-Built Water Treatment Systems

For more than 100 years, H&T has met the challenge of new regulations with a vast array of water treatment solutions.

H&T advanced water treatment solutions include systems that remove iron, manganese, hydrogen sulfide, arsenic, radium, nitrate, sodium, perchlorate, hardness, color, and other contaminants for municipal, industrial, and government facilities worldwide.

Hungerford & Terry, Inc. also designs and manufactures complete demineralizer systems, forced draft and vacuum degasifiers, condensate polishers, and specialized treatment systems.

In the 21st century, H&T continues to improve water treatment solutions through in-house research & development with a focus on economizing operational costs and waste generation. Through advances in science and technology, H&T is focused on one purpose – to produce pure water, our most precious resource.



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