

List of Proprietary Treatment Products For On-site Wastewater Systems in Arizona, Revised October 11, 2005

Policy: Subject to Notes 1, 2 and 3 on page 9 of 9, the following proprietary treatment products are deemed to comply with the technology definition and treatment performance criteria specified in 18 A.A.C. 9, Article 3, for Type 4 General Aquifer Protection Permits for on-site wastewater treatment facilities for residential service. Effective date of rule is January 2001.

Manufacturer	Model	Design Flow (gpd) or Uses/Day (upd as noted)	Applicable Rule	Deemed to Comply with Rule for System Definition and Treatment Performance (Note 1)	Product Service Contract Period	Comments
AquaKlear, Inc.	AK500	500	R18-9-E315	Yes		Requires Treatment Tank per Manufacturer's Specification.
AquaKlear, Inc.	AK600	600	R18-9-E315	Yes		Requires Treatment Tank per Manufacturer's Specification.
AquaKlear, Inc.	AK750	750	R18-9-E315	Yes		Requires Treatment Tank per Manufacturer's Specification.
AquaKlear, Inc.	AK800	800	R18-9-E315	Yes		Requires Treatment Tank per Manufacturer's Specification.
AquaKlear, Inc.	AK1000	1000	R18-9-E315	Yes		Requires Treatment Tank per Manufacturer's Specification.
AquaKlear, Inc.	AK1500	1500	R18-9-E315	Yes		Requires Treatment Tank per Manufacturer's Specification.
Bio-Microbics, Inc.	MicroFast 0.5	500	R18-9-E315	Yes		Requires Treatment Tank per Manufacturer's Specification.
Bio-Microbics, Inc.	MicroFast 0.75	750	R18-9-E315	Yes		Requires Treatment Tank per Manufacturer's Specification.
Bio-Microbics, Inc.	MicroFast 0.9	900	R18-9-E315	Yes		Requires Treatment Tank per Manufacturer's Specification.
Bio-Microbics, Inc.	MicroFast 1.5	1500	R18-9-E315	Yes		Requires Treatment Tank per Manufacturer's Specification.
Chromaglas	CA-12	1200	R18-9-E321	Yes		To serve commercial, institutional, multi family dwelling, park facilities. Not for individual dwelling use.
Chromaglas	CA-15	1500	R18-9-E321	Yes		To serve commercial, institutional, multi family dwelling, park facilities. Not for individual dwelling use.
Chromaglas	CA-25	2500	R18-9-E321	Yes		To serve commercial, institutional, multi family dwelling, park facilities. Not for individual dwelling use.

Chromaglas	CA-30	3000	R18-9-E321	Yes		To serve commercial, institutional, multi family dwelling, park facilities. Not for individual dwelling use.
Clearstream Wastewater Systems	600NC2T	500	R18-9-E315	Yes		Equipped per NSF Test Report.
Clearstream Wastewater Systems	600NC2	500	R18-9-E315	Yes		Equipped per NSF Test Report.
Clearstream Wastewater Systems	500N	500	R18-9-E315	Yes		Equipped per NSF Test Report.
Clearstream Wastewater Systems	500NC	500	R18-9-E315	Yes		Equipped per NSF Test Report.
Clearstream Wastewater Systems	600N	600	R18-9-E315	Yes		Equipped per NSF Test Report.
Clearstream Wastewater Systems	600NC	600	R18-9-E315	Yes		Equipped per NSF Test Report.
Clearstream Wastewater Systems	750N	750	R18-9-E315	Yes		Equipped per NSF Test Report.
Clearstream Wastewater Systems	750NC	750	R18-9-E315	Yes		Equipped per NSF Test Report.
Clearstream Wastewater Systems	1000N	1000	R18-9-E315	Yes		Equipped per NSF Test Report.
Clearstream Wastewater Systems	1000NC	1000	R18-9-E315	Yes		Equipped per NSF Test Report.
Clearstream Wastewater Systems	1500N	1500	R18-9-E315	Yes		Equipped per NSF Test Report.
Clearstream Wastewater Systems	1500NC	1500	R18-9-E315	Yes		Equipped per NSF Test Report.
Clivus Multrum, Inc.	M-1	10 upd	R18-9-E303	Yes		Equipped per NSF Listing.
Clivus Multrum, Inc.	M-2	15 upd	R18-9-E303	Yes		Equipped per NSF Listing.
Clivus Multrum, Inc.	M-3	40 upd	R18-9-E303	Yes		Equipped per NSF Listing.
Clivus Multrum, Inc.	M-10	60 upd	R18-9-E303	Yes		Equipped per NSF Listing.
Clivus Multrum, Inc.	M-12	80 upd	R18-9-E303	Yes		Equipped per NSF Listing.
Clivus Multrum, Inc.	M-15	100 upd	R18-9-E303	Yes		Equipped per NSF Listing.
Clivus Multrum, Inc.	M-18	120 upd	R18-9-E303	Yes		Equipped per NSF Listing.
Clivus Multrum, Inc.	M-22	80 upd	R18-9-E303	Yes		Equipped per NSF Listing.

Clivus Multrum, Inc.	M-25	100 upd	R18-9-E303	Yes		Equipped per NSF Listing.
Clivus Multrum, Inc.	M-28	120 upd	R18-9-E303	Yes		Equipped per NSF Listing.
Clivus Multrum, Inc.	M-32	110 upd	R18-9-E303	Yes		Equipped per NSF Listing.
Clivus Multrum, Inc.	M-35	180 upd	R18-9-E303	Yes		Equipped per NSF Listing.
Clivus Multrum, Inc.	M54ADA	60 upd	R18-9-E303	Yes		Equipped per NSF Listing.
Consolidated Treatment Systems	Multi-Flo FTB 0.5	500	R18-9-E315	Yes		Equipped per NSF Test Report.
Consolidated Treatment Systems	Multi-Flo FTB 0.6	600	R18-9-E315	Yes		Equipped per NSF Test Report.
Consolidated Treatment Systems	Multi-Flo FTB 0.6-C	600	R18-9-E315	Yes		Equipped per NSF Test Report.
Consolidated Treatment Systems	Multi-Flo FTB 0.75	750	R18-9-E315	Yes		Equipped per NSF Test Report.
Consolidated Treatment Systems	Multi-Flo FTB 0.75-C	750	R18-9-E315	Yes		Equipped per NSF Test Report.
Consolidated Treatment Systems	Multi-Flo FTB 1.0	1000	R18-9-E315	Yes		Equipped per NSF Test Report.
Consolidated Treatment Systems	Multi-Flo FTB 1.0-C	1000	R18-9-E315	Yes		Equipped per NSF Test Report.
Consolidated Treatment Systems	Multi-Flo FTB 1.5	1500	R18-9-E315	Yes		Equipped per NSF Test Report.
Consolidated Treatment Systems	Nyadic M-6A	500	R18-9-E315	Yes		Equipped per NSF Test Report.
Consolidated Treatment Systems	Nyadic M-8A	600	R18-9-E315	Yes		Equipped per NSF Test Report.
Consolidated Treatment Systems	Nyadic M-1050A	800	R18-9-E315	Yes		Equipped per NSF Test Report.
Consolidated Treatment Systems	Nyadic M-1200A	1000	R18-9-E315	Yes		Equipped per NSF Test Report.
Consolidated Treatment Systems	Nyadic M-2000A	1500	R18-9-E315	Yes		Equipped per NSF Test Report.
Delta Environmental Products	DF-40	400	R18-9-E315	Yes		Equipped per NSF Test Report.
Delta Environmental Products	DF-50	500	R18-9-E315	Yes		Equipped per NSF Test Report.
Delta Environmental Products	DF-60	600	R18-9-E315	Yes		Equipped per NSF Test Report.

Delta Environmental Products	DF-75	750	R18-9-E315	Yes		Equipped per NSF Test Report.
Delta Environmental Products	DF-100	1000	R18-9-E315	Yes		Equipped per NSF Test Report.
Delta Environmental Products	DF-150	1500	R18-9-E315	Yes		Equipped per NSF Test Report.
Desoto Concrete Products, Inc.	25T	500	R18-9-E315	Yes		Equipped per NSF Test Report.
Desoto Concrete Products, Inc.	25S	500	R18-9-E315	Yes		Equipped per NSF Test Report.
Desoto Concrete Products, Inc.	275T	750	R18-9-E315	Yes		Equipped per NSF Test Report.
Desoto Concrete Products, Inc.	275S	750	R18-9-E315	Yes		Equipped per NSF Test Report.
Desoto Concrete Products, Inc.	2100T	1000	R18-9-E315	Yes		Equipped per NSF Test Report.
Desoto Concrete Products, Inc.	2100S	1000	R18-9-E315	Yes		Equipped per NSF Test Report.
Desoto Concrete Products, Inc.	35T	500	R18-9-E315	Yes		Equipped per NSF Test Report.
Desoto Concrete Products, Inc.	35S	500	R18-9-E315	Yes		Equipped per NSF Test Report.
Desoto Concrete Products, Inc.	375T	750	R18-9-E315	Yes		Equipped per NSF Test Report.
Desoto Concrete Products, Inc.	375S	750	R18-9-E315	Yes		Equipped per NSF Test Report.
Desoto Concrete Products, Inc.	3100T	1000	R18-9-E315	Yes		Equipped per NSF Test Report.
Eljen	Type "B" In-Drain	(Note 2)	R18-9-E309	Yes		Requires pretreatment per R18-9-E309(A). Performance is recognized at a maximum loading rate of 40 gpd for the 12 sq ft pad.
Ecoflow	ST-500 or STB-500	420	R18-9-E311	Yes		Requires pretreatment per R18-9-E311(A). Performance with proprietary media departs from R18-9-E311(D)(2)(e) and treatment performance is recognized at a maximum of 11.3 gpd per sq ft. (Note 3)
Ecoflow	ST-650 or STB-650	600	R18-9-E311	Yes		Requires pretreatment per R18-9-E311(A). Performance with proprietary media departs from R18-9-E311(D)(2)(e) and is recognized at a maximum of 11.3 gpd per sq ft. (Note 3)
H. E. Mc Grew, Inc.	Cajun Aire Advanced 500-T	500	R18-9-E315	Yes		Equipped per NSF Test Report.

H. E. Mc Grew, Inc.	Cajun Aire Advanced 600-T	600	R18-9-E315	Yes		Equipped per NSF Test Report.
H. E. Mc Grew, Inc.	Cajun Aire Advanced 600-S	600	R18-9-E315	Yes		Equipped per NSF Test Report.
H. E. Mc Grew, Inc.	Cajun Aire Advanced 750-T	750	R18-9-E315	Yes		Equipped per NSF Test Report.
H. E. Mc Grew, Inc.	Cajun Aire Advanced 1000-T	1000	R18-9-E315	Yes		Equipped per NSF Test Report.
H. E. Mc Grew, Inc.	Cajun Aire Advanced 500-S	500	R18-9-E315	Yes		Equipped per NSF Test Report.
H. E. Mc Grew, Inc.	Cajun Aire Advanced 750-S	750	R18-9-E315	Yes		Equipped per NSF Test Report.
Hoot Aerobic Systems	H-500A	500	R18-9-E315	Yes		Equipped per NSF Test Report.
Hoot Aerobic Systems	H-600A	600	R18-9-E315	Yes		Equipped per NSF Test Report.
Hoot Aerobic Systems	H-750A	750	R18-9-E315	Yes		Equipped per NSF Test Report.
Hoot Aerobic Systems	H-1000A	1000	R18-9-E315	Yes		Equipped per NSF Test Report.
Hydro-Action, Inc.	AP-500	500	R18-9-E315	Yes		Equipped per NSF Test Report.
Hydro-Action, Inc.	AP-600	600	R18-9-E315	Yes		Equipped per NSF Test Report.
Hydro-Action, Inc.	AP-750	750	R18-9-E315	Yes		Equipped per NSF Test Report.
Hydro-Action, Inc.	AP-900	900	R18-9-E315	Yes		Equipped per NSF Test Report.
Hydro-Action, Inc.	AP-1000	1000	R18-9-E315	Yes		Equipped per NSF Test Report.
Hydro-Action, Inc.	AP-1500	1500	R18-9-E315	Yes		Equipped per NSF Test Report.
Jet	J-500	500	R18-9-E315	Yes		Equipped per NSF Test Report.
Jet	J-600	600	R18-9-E315	Yes		Equipped per NSF Test Report.
Jet	J-750	750	R18-9-E315	Yes		Equipped per NSF Test Report.
Jet	J-1000	1000	R18-9-E315	Yes		Equipped per NSF Test Report.
Jet	J-1250	1250	R18-9-E315	Yes		Equipped per NSF Test Report.

Jet	J-1500	1250	R18-9-E315	Yes		Equipped per NSF Test Report.
Orengo	Advan Tex AX20N	600	R18-9-E312	Yes		Equipped per NSF Test Report.
Orengo	Advan Tex AX15-2N	800	R18-9-E312	Yes		Equipped per NSF Test Report.
Orengo	Advan Tex AX20-2N	1000	R18-9-E312	Yes		Equipped per NSF Test Report.
Orengo	Advan Tex AX15-3N	1200	R18-9-E312	Yes		Equipped per NSF Test Report.
Orengo	Advan Tex AX20-3N	1500	R18-9-E312	Yes		Equipped per NSF Test Report.
MicroSepTec	EnviroServer ENFG 600	600	R18-9-E315	Yes		Includes solids handling and disposal equipment.
MicroSepTec	EnviroServer ENFG 1200	1200	R18-9-E315	Yes		Equipped per NSF Test Report.
MicroSepTec	EnviroServer ENFG 1500	1500	R18-9-E315	Yes		Equipped per NSF Test Report.
MicroSepTec	EnviroServer ES6-P	600	R18-9-E315	Yes		Equipped per NSF Test Report.
MicroSepTec	EnviroServer ES12-P	1200	R18-9-E315	Yes		Equipped per NSF Test Report.
MicroSepTec	EnviroServer ES6	600	R18-9-E315	Yes		Equipped per NSF Test Report.
MicroSepTec	EnviroServer ES12	1200	R18-9-E315	Yes		Equipped per NSF Test Report.
MicroSepTec	EnviroServer ES25	2500	R18-9-E315	Yes		Equipped per NSF Test Report.
Norweco, Inc.	Singulair 960-500	500	R18-9-E315	Yes		Equipped per NSF Test Report.
Norweco, Inc.	Singulair 960-600	600	R18-9-E315	Yes		Equipped per NSF Test Report.
Norweco, Inc.	Singulair 960-750	750	R18-9-E315	Yes		Equipped per NSF Test Report.
Norweco, Inc.	Singulair 960-1000	1000	R18-9-E315	Yes		Equipped per NSF Test Report.
Norweco, Inc.	Singulair 960-1250	1250	R18-9-E315	Yes		Equipped per NSF Test Report.
Norweco, Inc.	Singulair 960-1500	1500	R18-9-E315	Yes		Equipped per NSF Test Report.
Pro Flo Aerobic Systems, LP	500 TL	500	R18-9-E315	Yes		Equipped per NSF Test Report.
Pro Flo Aerobic Systems LP	500 SL	500	R18-9-E315	Yes		Equipped per NSF Test Report.

Pro Flo Aerobic Systems LP	750 SL	750	R18-9-E315	Yes		Equipped per NSF Test Report.
Pro Flo Aerobic Systems LP	1000 TC	1000	R18-9-E315	Yes		Equipped per NSF Test Report.
Pro Flo Aerobic Systems LP	500 SL	500	R18-9-E315	Yes		Equipped per NSF Test Report.
Pro Flo Aerobic Systems LP	750 SL	750	R18-9-E315	Yes		Equipped per NSF Test Report.
Pro Flo Aerobic Systems LP	750 PTSL	750	R18-9-E315	Yes		Equipped per NSF Test Report.
Puraflo	Peat Biofilter	(Note 3)	R18-9-E311	Yes		Requires pretreatment per R18-9-E311(A). Performance with proprietary media departs from R18-9-E311(D)(2)(e) and is recognized at a maximum of 5.2 gpd per sq ft.
Sancor	Envirolet® Basic Plus	2 upd	R18-9-E303	Yes		Equipped per NSF Test Report
Sancor	Envirolet® DC12	4 upd	R18-9-E303	Yes		Equipped per Canadian Standard Listing.
Sancor	Envirolet® MS10	6 upd	R18-9-E303	Yes		Equipped per NSF Canadian Standard Listing.
Septi Tech, Inc.	M400	600	R18-9-E312	Yes		Equipped per US EPA & NSF. Environmental Technology Verification Report.
Septi Tech, Inc.	M550	800	R18-9-E312	Yes		Equipped per US EPA & NSF. Environmental Technology Verification Report.
Septi Tech, Inc.	M750	1200	R18-9-E312	Yes		US EPA & NSF. Environmental Technology Verification Report.
Septi Tech, Inc.	M1200	1750	R18-9-E312	Yes		Equipped per US EPA & NSF. Environmental Technology Verification Report.
Septi Tech, Inc.	M1500	2250	R18-9-E312	Yes		Equipped per US EPA & NSF. Environmental Technology Verification Report.
Southern Manufacturing Co.	SM500-F	500	R18-9-E315	Yes		Equipped per NSF Test Report.
Southern Manufacturing Co.	SM600-F	600	R18-9-E315	Yes		Equipped per NSF Test Report.
Southern Manufacturing Co.	SM750-F	750	R18-9-E315	Yes		Equipped per NSF Test Report.
Southern Manufacturing Co.	SM1000-F	1000	R18-9-E315	Yes		Equipped per NSF Test Report.
Southern Manufacturing Co.	SM1500-F	1500	R18-9-E315	Yes		Equipped per NSF Test Report.
Sun-Mar Corporation	Centrex 1000	5 upd	R18-9-E303	Yes		Equipped per NSF Listing.

Sun-Mar Corporation	Centrex 1000 NE	4 upd	R18-9-E303	Yes		Equipped per NSF Listing.
Sun-Mar Corporation	Centrex 1000 AC/DC	5 upd	R18-9-E303	Yes		Equipped per NSF Listing.
Sun-Mar Corporation	Centrex 2000	7 upd	R18-9-E303	Yes		Equipped per NSF Listing.
Sun-Mar Corporation	Centrex 2000 NE	6 upd	R18-9-E303	Yes		Equipped per NSF Listing.
Sun-Mar Corporation	Centrex 2000 AC/DC	7 upd	R18-9-E303	Yes		Equipped per NSF Listing.
Sun-Mar Corporation	Centrex 2000 AF/NE	5 upd	R18-9-E303	Yes		Equipped per NSF Listing.
Sun-Mar Corporation	Centrex 2000 AF	6 upd	R18-9-E303	Yes		Equipped per NSF Listing.
Sun-Mar Corporation	Centrex 2000 AF AC/DC	6 upd	R18-9-E303	Yes		Equipped per NSF Listing.
Sun-Mar Corporation	Centrex 3000	9 upd	R18-9-E303	Yes		Equipped per NSF Listing.
Sun-Mar Corporation	Centrex 3000 NE	8 upd	R18-9-E303	Yes		Equipped per NSF Listing.
Sun-Mar Corporation	Centrex 3000 AC/DC	9 upd	R18-9-E303	Yes		Equipped per NSF Listing.
Sun-Mar Corporation	Centrex 3000 AF/NE	7 upd	R18-9-E303	Yes		Equipped per NSF Listing.
Sun-Mar Corporation	Centrex 3000 AF	8 upd	R18-9-E303	Yes		Equipped per NSF Listing.
Sun-Mar Corporation	Centrex 3000 AF AC/DC	8 upd	R18-9-E303	Yes		Equipped per NSF Listing.
Sun-Mar Corporation	Sun-Mar-Excel	3 upd	R18-9-E303	Yes		Equipped per NSF Listing.
Tex-Aire, Inc.	Mighty Mac 500	500	R18-9-E315	Yes		Equipped per NSF Test Report.
Tex-Aire, Inc.	Mighty Mac 600	600	R18-9-E315	Yes		Equipped per NSF Test Report.
Tex-Aire, Inc.	Mighty Mac 750	750	R18-9-E315	Yes		Equipped per NSF Test Report.
Tex-Aire, Inc.	Tex-Aire 500	500	R18-9-E315	Yes		Equipped per NSF Test Report.
Tex-Aire, Inc.	Tex-Aire 600	600	R18-9-E315	Yes		Equipped per NSF Test Report.
Tex-Aire, Inc.	Tex-Aire 750	750	R18-9-E315	Yes		Equipped per NSF Test Report.

Tex-Aire, Inc.	Tex-Aire 1000	1000	R18-9-E315	Yes		Equipped per NSF Test Report.
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NOTES:

- 1 - Treatment performance for Total Nitrogen may require additional documentation.
- 2 - Dependent on installation configuration and site conditions.
- 3 - Not subject to module size limit in R18-9-E311(D)(2)(b).
- 4 - This list is updated periodically and is posted on the ADEQ website at <http://www.azdeq.gov/environ/water/permits/download/listpro.pdf>
- 5 - This list covers only proprietary treatment products that are utilized for alternative systems.
- 6 - Listings are based on raw wastewater strength at maximum range in R18-9-101(30).