NSF Standard 245 (Nitrogen-Reducing) Certified Aerobic Treatment Units (ATUs) in Florida (Rule 62-6.012, Florida Administrative Code)

Manufacturer	Equipment Series	NSF Tested Model	Third Party Certifying Organization	Florida-Approved NSF 245-Certified Models	Average Total Nitrogen Reduction - NSF 245 Completion Report*	NSF 245 Report Date
Anua	PuraSys	PekaSys CRB1 (PuraSys PS1-4)	NSF International	PS1-5, PS1-6, PS1-7. PS1-8, PS1-9, PS1-10, PS1-11, PS1-12, PS1-13, and PS1-14	58%	July 2011
Aquaklear, Inc.	AquaKlear	AK6S245	Gulf Coast Testing	AK6S245C, AK10S245C	50.8%	October 2010
Bio-Microbics, Inc.	BioBarrier	MBR 0.5	NSF International	MBR 0.5-N; MBR 1.0-N; MBR 1.5-N	79%	October 2011
Bio-Microbics, Inc.	MicroFAST**	0.5	NSF International	MicroFast 0.5, 0.625, 0.75, 0.9, 1.5[1]	55%	October 2008
Clearstream Wastewater Systems, Inc.	Clearstream	500 D	Gulf Coast Testing	500D, 500DT, 500DST, 600D, 600DT, 600DC3, 750D, 750DT, 800D, 1000D, 1000DT, 1500D	52.9%	March 2013
Clearstream Wastewater Systems, Inc.	Clearstream	500 DA	Gulf Coast Testing	500DA, 500DAT, 500DAST, 600DA, 600DAT, 600DAC3, 800DA	54.1%	August 2015
Delta Treatment Systems, LLC.	ECOPOD-N	E50-N	NSF International	E50-N, E-50-N-IM1060, E-60-N E-60-N-IM1060, E75-N, E-75-N-IM1060, E100-N, and E-100-N-IM1530	53%	February 2010
Fuji Clean USA	CEN	5	NSF International	CEN 5, 7, 10, 14	74%	April 2015

[1]NSF approval for models of certain serial numbers only; see http://info.nsf.org/Certified/Wastewater/Listings.asp?Standard=040& for details.

Please note that Florida requires approval of treatment receptacles prior to sale and installations. A list of approved treatment receptacles for use with ATUs can be found at: https://floridadep.gov/water/onsite-sewage/documents/aerobic-treatment-units-septic-tank-designated-approval-numbers Be aware that the model identification in that list is not always complete.

*Department of Environmental Protection (DEP) Basin Management Action Plan (BMAP) nitrogen-reducing requirements differentiate between systems with 24 inches of separation between the bottom of the drainfield and the wettest season water table (WSWT) and those that do not. Existing systems (modifications/repairs) installed with less than 24 inches of water table separation between the bottom of the drainfield and the WSWT (as allowed per Rule 62-6) must use systems that are capable of at least 65% nitrogen removal. New systems and modifications/repairs installed with at least 24 inches between the bottom of the drainfield and the WSWT may use any system capable of at least 50% nitrogen removal to comply with BMAP requirements.

**See tank listings https://floridadep.gov/water/onsite-sewage/documents/aerobic-treatment-units-septic-tank-designated-approval-numbers for information on pretreatment tank sizing required for NSF 245 certification when the unit is housed in a single compartment tank.

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Manufacturer	Equipment Series	NSF Tested Model	Third Party Certifying Organization	Florida-Approved NSF 245-Certified Models	Average Total Nitrogen Reduction - NSF 245 Completion Report*	NSF 245 Report Date
Hoot Systems, LLC	Hoot ANR	Hoot ANR-450	NSF International	Hoot ANR-450	85%	August 2007
Jet	Jet-CF	500	Gulf Coast Testing	J-500CF, J-750CF, J-1000CF, J-1250CF, J-1500CF	67%	December 2008 (revised December 2018)
Norweco, Inc.	Singulair TNT	TNT-500	NSF International	Singulair TNT-500**, Singulair Green TNT-500**, Singulair TNT-750**, Singulair TNT 1000, Singulair TNT 1250, Singulair TNT 1500	68%	November 2007
Orenco Systems	Advantex	AX20RTN	NSF International	AX20RTN, AX20N	55%	May 2015

*Department of Environmental Protection (DEP) Basin Management Action Plan (BMAP) nitrogen-reducing requirements differentiate between systems with 24 inches of separation between the bottom of the drainfield and the wettest season water table (WSWT) and those that do not. Existing systems (modifications/repairs) installed with less than 24 inches of water table separation between the bottom of the drainfield and the WSWT (as allowed per Rule 64E-6) must use systems that are capable of at least 65% nitrogen removal. New systems and modifications/repairs installed with at least 24 inches between the bottom of the drainfield and the WSWT may use any system capable of at least 50% nitrogen removal to comply with BMAP requirements.

**Note that the TNT-500 and Green TNT-500 are NSF 245 certified for a rated capacity of 500 gpd or 600 gpd; the TNT-750 is NSF 245 certified for a rated capacity of 750 gpd or 800 gpd.

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