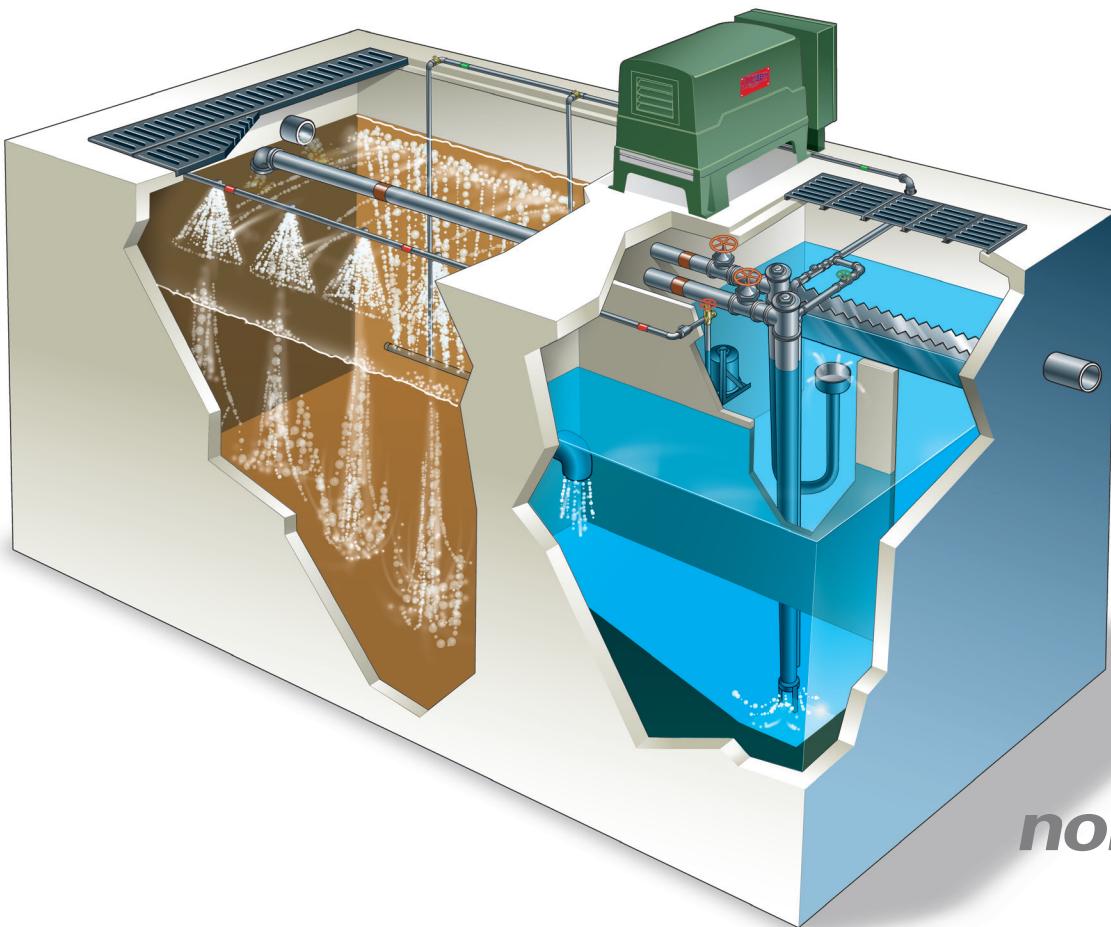
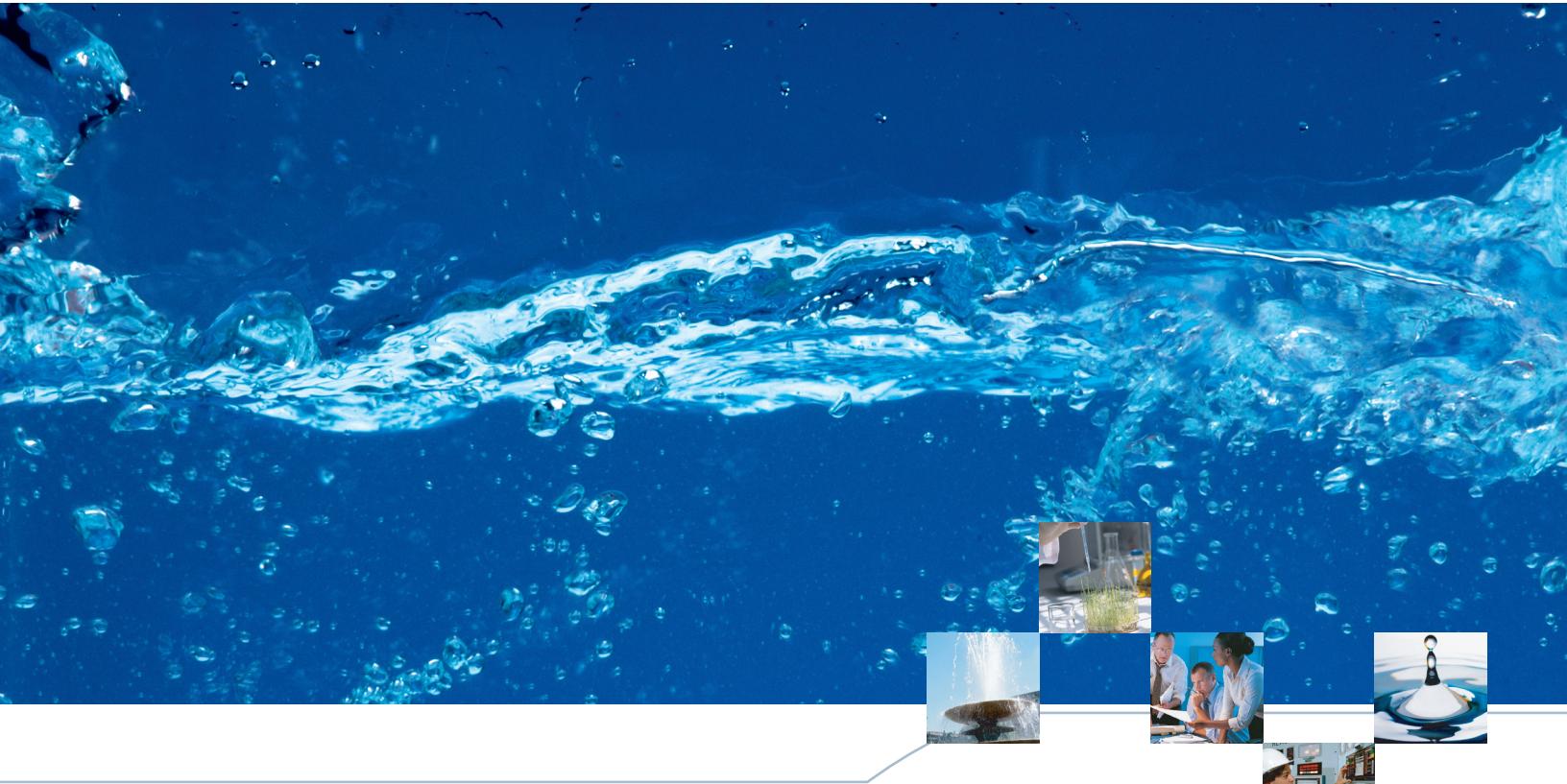


# MODULAIR®



**norweco®**

Engineering the future of water  
and wastewater treatment

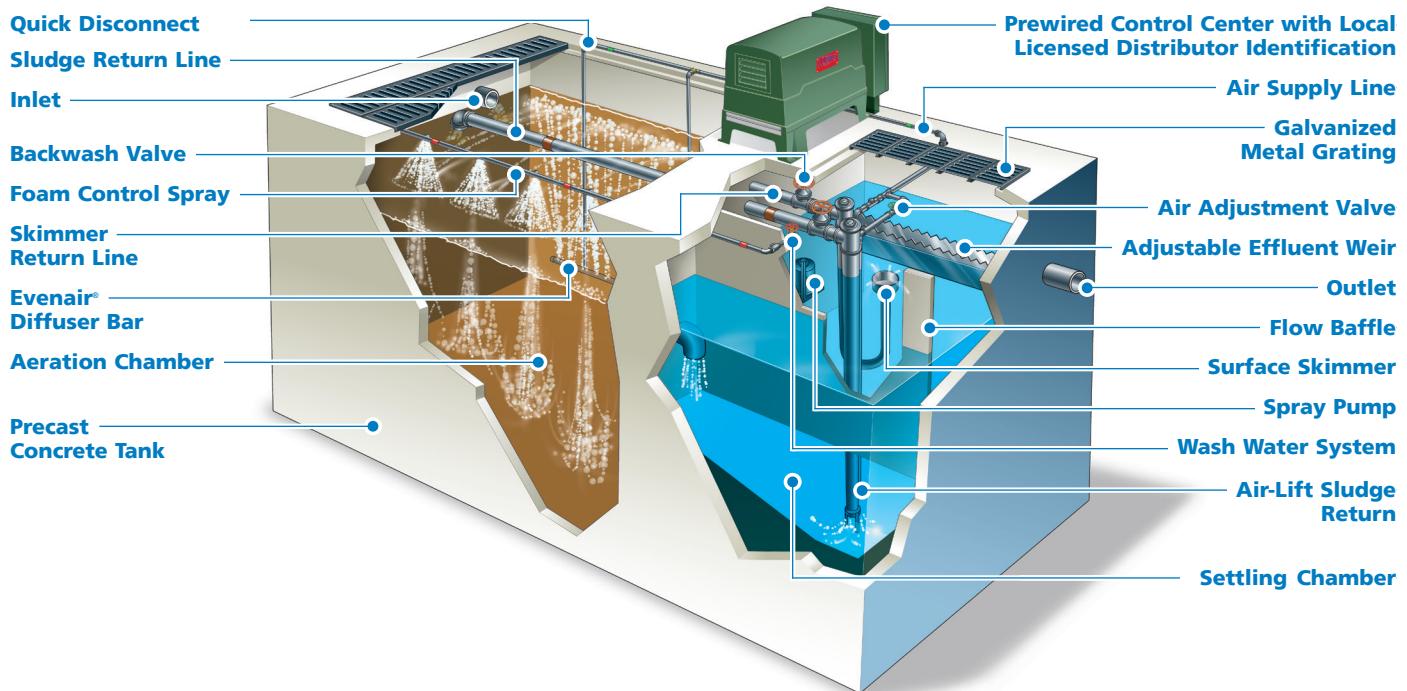
# MODULAIR®

engineered to solve  
today's problems for the  
protection of  
tomorrow's environment

With its monolithic precast concrete tank sections, reliable mechanical equipment, central control panel, air-lift surface skimmer, non-clog Evenair diffusers and all the other features described in this brochure, Modulair is your ideal pollution control solution. Plus, its proven extended aeration process uses microscopic organisms in the presence of oxygen to completely and automatically convert wastewater. After just 24-hours of Modulair treatment, only a safe, clear, odorless effluent is returned to your environment.

solutions in wastewater treatment

# The exclusive Modulair® System design



1. Incoming sewage first passes through a pre-treatment device to break it down and trap untreatable materials. You can choose to use an optional comminutor, bar screen or trash trap to do the pre-treatment job.
2. Pre-treated liquids now enter the aeration chamber, where they are thoroughly mixed and where fresh oxygen is injected by Norweco's exclusive Evenair diffusers installed in the chamber bottom. This oxygen provides the perfect environment for the multitude of safe, aerobic bacteria that completely digest all organic material.
3. After 24-hours of complete treatment in the aeration chamber, the treated liquid flows into the settling/clarification chamber for the final phase of treatment. Small particles are removed and the purified effluent is ready for discharge.
4. Only clear, highly treated wastewater remains at the top of the settling chamber. It flows over the edge of the effluent weir, returning safely to the environment.
5. Our OPERATOR'S MANUAL and periodic inspections by your trained and certified Norweco distributor make it easy for the operator to maintain efficient, long-life performance.

**THE MODULAIR® SYSTEM** IS AN ASSET FOR SUBDIVISIONS, SHOPPING CENTERS, RESTAURANTS, MOTELS, HOTELS AND RESORTS, PARKS AND ANY BUILDINGS LOCATED BEYOND SEWER LINES. WITH CAPACITIES UP TO 500,000 GPD, THE SYSTEM MAY BE EASILY ENLARGED OR MODIFIED TO MEET ANY REQUIREMENTS NOW AND IN THE FUTURE. IT'S AS EASY AND LOW COST AS ADDING MORE HEAVY-DUTY, REINFORCED, PRECAST CONCRETE MODULAIR TANKS. ONCE AGAIN, NORWECO PROVIDES TODAY'S ANSWER FOR THE PROTECTION OF TOMORROW'S ENVIRONMENT.



**Gravity Feeders  
NSF/ANSI Std. 46**



**Galvanized Metal  
Grating**



# customer focus

The Modulair is the most flexible, reliable and cost-effective wastewater treatment solution available to you today.

## Initial cost is low, operating costs are minimal and maintenance is simple

- Modulair System sections are delivered to the job site and quickly assembled by your local, trained and licensed Norweco distributor. You're ready to operate in just days.
- All electromechanical equipment is factory assembled, prewired and tested, and is fully warranted.
- Duplex mechanical equipment virtually eliminates risk of plant downtime.
- Additional capacity can be conveniently added for future expansion, for a total capacity up to 500,000 GPD. Your trained and certified local Norweco distributor will show you how we can meet your future needs.
- Central control panel permits automatic alternation and operation, putting all controls at the operator's fingertips.
- Weatherproof equipment cabinet protects motors, blowers, filters and other equipment inside.
- Precast concrete tanks are non-corrosive – no pumping, repainting, or anode packs ever.
- Air-lift surface skimmer continuously and automatically cleans the surface of the settling tank.

- Adjustable effluent weir permits easy leveling from end to end and side to side.
- One master key opens all locks on duplex cabinets, controls, covers and equipment.
- Galvanized steel grating provides full and safe access.
- Non-clog Evenair diffusers eliminate periodic cleaning and reduce maintenance.
- All brass non-clog foam control spray nozzles will not rust or corrode.
- The tongue and groove joints of our heavy-duty, reinforced concrete tank sections are securely sealed and locked into adjoining Modulair sections. There are no vertical joints. All four walls and all baffles are securely cast into each Modulair tank section. Transfer ports and pipe holes are cast in as needed. The precast concrete sections provide structural stability that cannot be matched by poured-in-place concrete or steel tanks.
- Sections are easily added to accommodate future expansion of the Modulair plant for both capacity and treatment requirements.



Bio-Sanitizer®  
Tablets



Bio-Neutralizer®  
Tablets



Adjustable  
Effluent Weir



Prewired  
Electrical Controls



Norweco distributors are located throughout the United States and much of the rest of the world. Research, product development, manufacturing, marketing and sales support are conducted inside our offices and factory in Norwalk, Ohio. Everyone at Norweco is committed to shaping the future of our industry.

# engineering the future

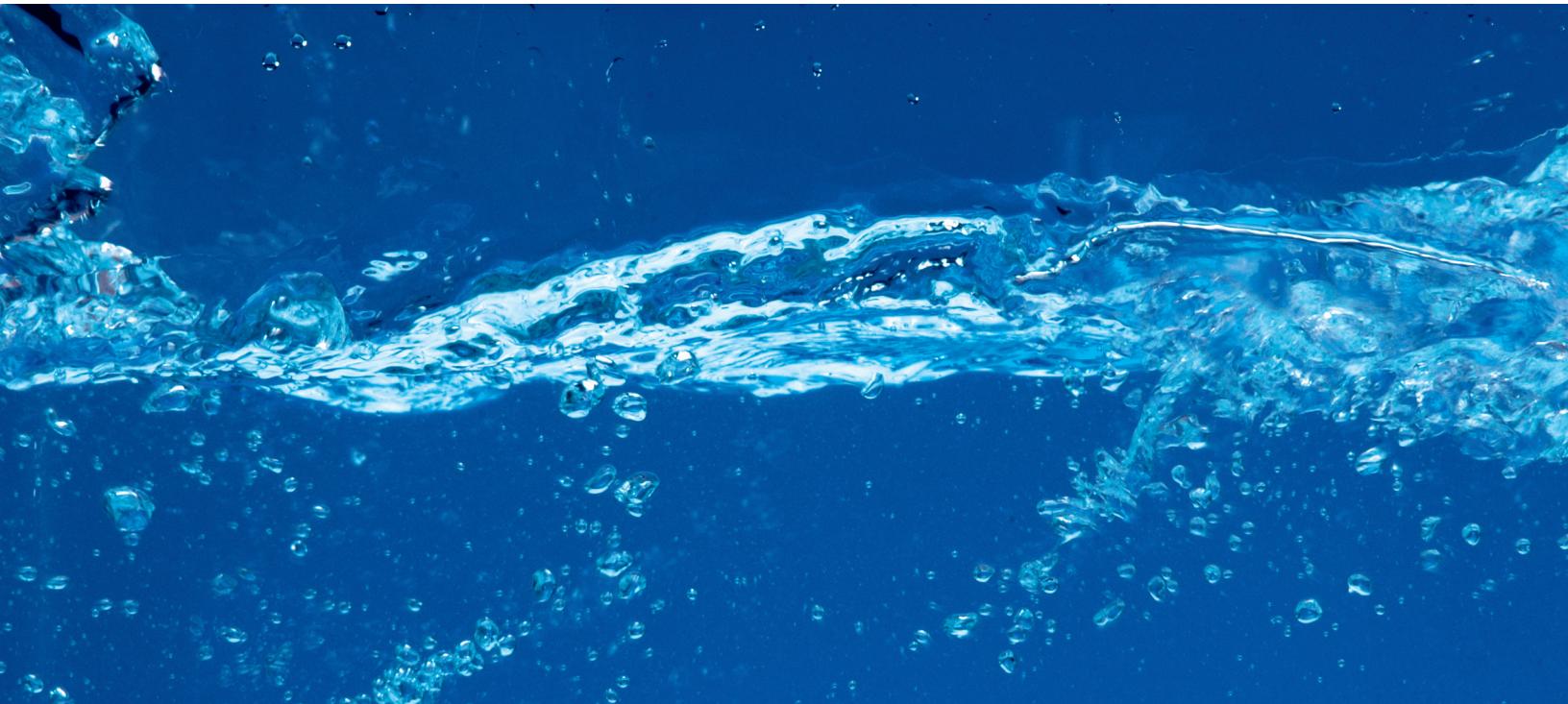
of water and wastewater treatment

## Specify Modulair®

Your local Norweco distributor is fully trained to install your Modulair System and any other Norweco product you choose to protect your environment. All of our licensed distributors have completed a nationally accredited factory-training program.

The Modulair System is sold complete, including delivery, tank setting, equipment installation, plant start-up and service. A series of service and adjustment inspections are scheduled for the first year of operation at the time your system is installed, and a regular preventative maintenance program can also be included in the sale to insure that your system continues to perform at the highest level to protect you and your investment. Extended service contracts are also available from your Norweco distributor.

*Today's Answer for the Protection of Tomorrow's Environment*



## comprehensive protection, guaranteed



All Norweco systems are sold, installed and serviced by our factory-trained and licensed Norweco distributors. Every Modulair Wastewater Treatment System is warranted against defective material and workmanship under normal use and service for one year from installation date. Several service policies are available to provide continuing supervision and maintenance after that first year.

**norweco®**

*Engineering the future of water  
and wastewater treatment*

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**FAX: 419.663.5440**  
**[www.norweco.com](http://www.norweco.com)**

*Progress Through Service Since 1906*

*We engineer, manufacture, install and maintain advanced water and wastewater treatment technologies for residential properties, communities and commercial properties that are not connected to sewer lines. Norweco treatment systems are in service all over the world.*

*Norweco®, Norweco.com®, Singulair®, Modulair®, Travalair®, Singulair Green®, Ribbit Rivet®, Hydro-Kinetic®, Evenair®, Lift-Rail®, Microsonic®, Bio-Dynamic®, Bio-Sanitizer®, Bio-Neutralizer®, Bio-Kinetic®, Bio-Static®, Bio-Gem®, Bio-Max®, Bio-Perc®, Blue Crystal®, Phos-4-Fade®, Enviro-C®, ClearCheck®, ChemCheck®, Tri-Max®, Hydra-Max®, Service Pro®, MCD®, TNT®, Grease Buster® and "BUSTER" logo are all registered trademarks of Norwalk Wastewater Equipment Company, Inc.*