



Soft Starter Solutions for Water and Wastewater Applications

SAF's reduced voltage starters are designed for the unique challenges of pump applications of today's clean water and wastewater pump applications. Soft starters play a key role in powering motors in various applications ranging from deep well pumps, vertical lift stations, aerators, grinders and clarifiers.

SAF's robust soft starter designs offer reliable and consistent operation of these important applications. SAF soft starters offer accurate overload protection, current monitoring and high torque surge protection for electrical and mechanical equipment. Reduced torque starting helps lower maintenance costs of motors and their driven equipment while lowering costly peak power draw on startup and reducing voltage drops.

SAF's soft start and soft stop features reduce hydraulic and mechanical effects of inertial loading and water hammer on pumps, piping and mechanical components including shafts, impeller keyways, bearings, heat exchangers and check valves.

Available in an open chassis for retrofitting existing cabinets and new panel builds, as well as Nema 1, 12, 4, 4X, enclosure types, SAF offers a wide range of easily configured solutions to meet your application and environmental requirements.

SAF has been supplying Industries and commercial facilities with reliable and easy to service, solid state soft starters for the control of their pumps for over 40 years. SAF's heavy duty and highly resilient soft starters offer municipal and industrial clean water, waste water and slurry pump users a soft starter that is a robust, reliable long-lasting solution.

Pump application experience includes:

- Deep Well Pumps
- Lift Station /Submersible Sewage Pumps
- Grinder Pumps
- Screens
- Centrifuges
- Sludge Removal Pumps
- Mixers and Agitators
- Clarifiers