

KOLON Advanced 60gpm Wastewater Treatment System For Car Washer

Basic Information

- Place of Origin: Shanghai, China
- Brand Name: KOLON
- Model Number: YPE-3



Product Specification

- Treatment Process: Physical, Chemical, And Biological Treatment
- Operating Temperature: 5-40
- Material: Stainless Steel
- Design Pressure: $\leq 0.6\text{Mpa}$
- Application: Industrial Waste Water Treatment
- Machinery Test Report: Provided
- Treatment Stage: Primary, Secondary, And Tertiary Treatment
- Installation: Indoor Or Outdoor
- Warranty: 1 Year
- Voltage: 380V, 220V/380V, According To Size, 380-415
- Weight: 700kg
- Power: 5kw



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Product Description

Kolon Advanced 60GPM [Wastewater Treatment System](#) for Car washer

Product Description:

Our Waste Water Treatment System operates within a temperature range of 5-40 , making it suitable for use in a wide range of environments. It uses a combination of physical, chemical, and biological treatment processes to thoroughly purify wastewater. This ensures that the water is safe for reuse, reducing the need for fresh water and minimizing the environmental impact of wastewater discharge.

The Waste Water Treatment System is made of high-quality stainless steel, ensuring its durability and longevity. This makes it a cost-effective solution for all your wastewater treatment needs. It is also easy to install and operate, with a user-friendly interface that allows for easy monitoring and control.

Additionally, our Waste Water Treatment System comes with a 1-year warranty, giving you peace of mind and ensuring that you get the best value for your investment. So whether you need to treat wastewater for industrial or municipal use, our Waste Water Treatment System is the perfect solution for you!

The equipment is an entry-level water reclaim system that recycles used wash water for reuse. Since the equipment does not contain a biological component for removal of carwash chemicals, the recycled water from this system should only be used in the early stages of a wash.

The Process

Solids Separation

Via gravity, solid matter suspended in the water settles to the bottom of a series of tanks. These solids can then be collected and hauled away.

Aeration

Used water enters the aeration tank where oxygen is infused into it. This infusion causes the naturally occurring microbes to switch from their anaerobic to aerobic state. In their aerobic state these microbes give off odorless carbon dioxide (CO₂) gas.

Cyclonic Separation

From the aeration tank, the used water is pumped into a series of cyclones that separate out any remaining suspended solids larger than 5 micron (approximately the size of one human blood cell).

Centripetal Separation and Water Repressurization

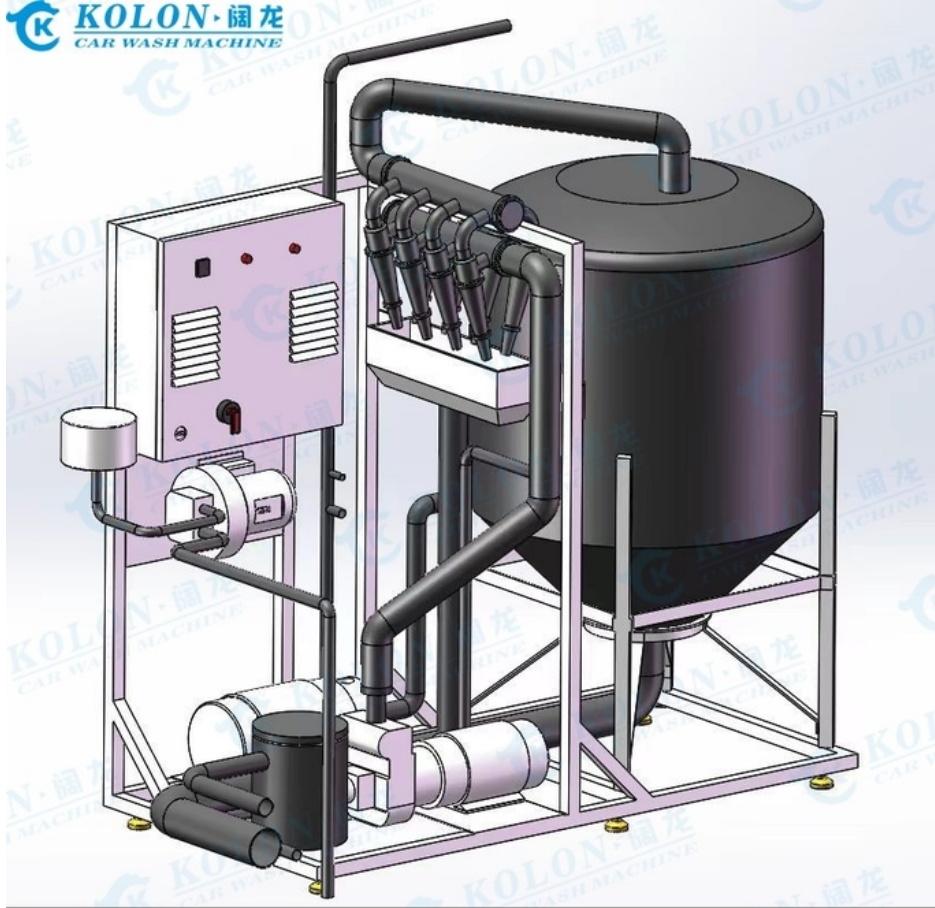
After cyclonic separation is complete, the used water enters the conical tank where it goes through further separation. The conical tank also acts as a water storage unit, repressurizing the water and sending it back to the wash upon demand.

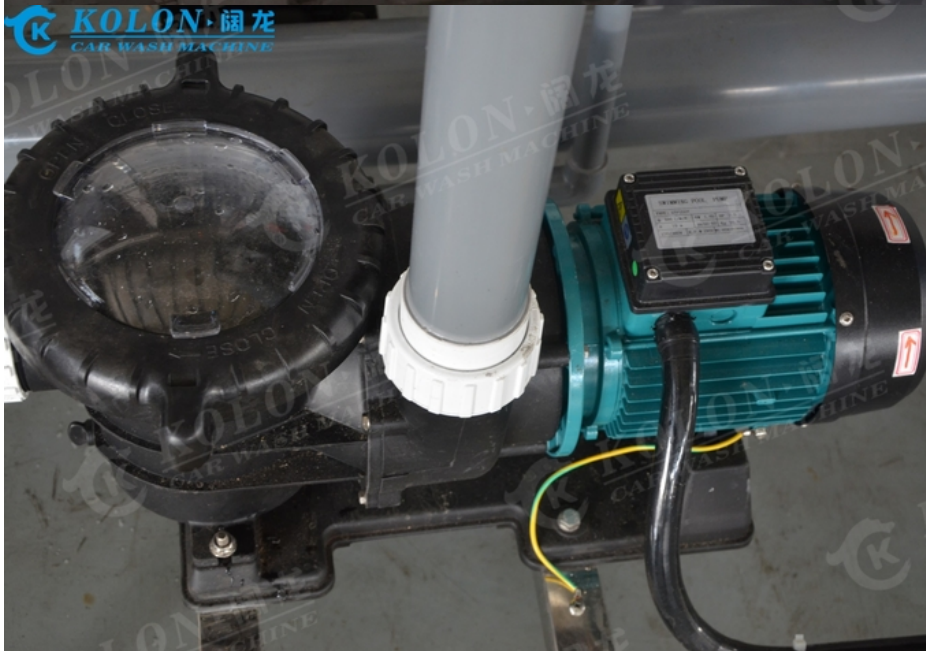
System Sizing

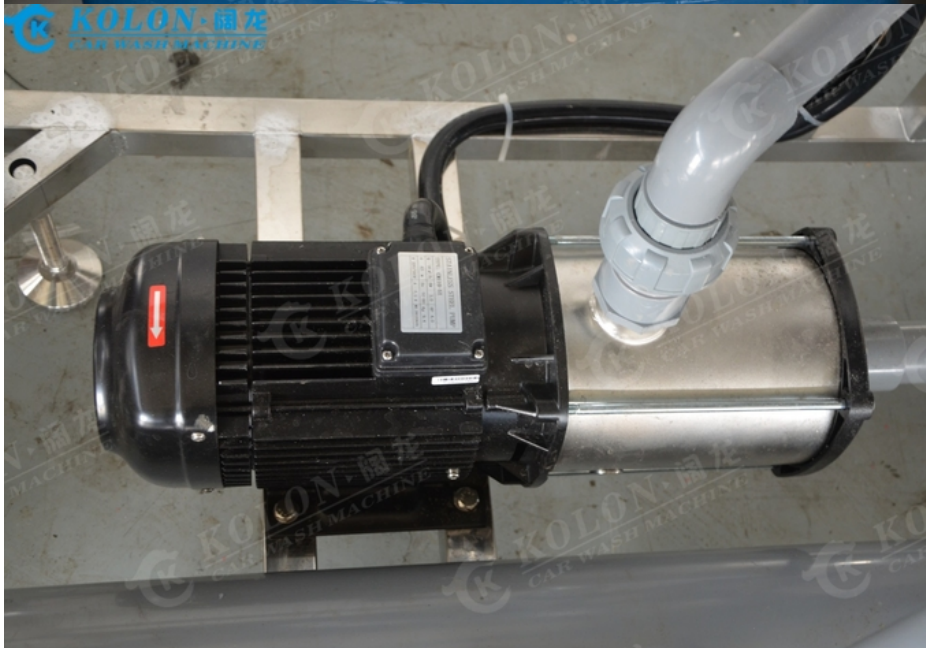
With a footprint of only 3'x 6' and built-in standard sizes of 20, 40, 60, 80, 100, 120, 140 and 160 GPM, the equipment is an ideal water reclaim system for existing locations with limited space.

Key Features

- Low maintenance
- Pre-wired and pre-plumbed
- No expensive ozone replacement parts
- No chemicals or filters
- Fully automated control panel
- Expandable to become a full Bio Complete system







Features:

Product Name: Waste Water Treatment System

Treatment Process: Physical, Chemical, and Biological Treatment

Application: Industrial Waste Water Treatment

Discharge Standard: Complies With Local Environmental Regulations

Maintenance: Easy To Maintain And Operate

Material: Stainless Steel

This Waste Water Treatment System is suitable for various applications including Chemical Wastewater Treatment Installation, Biochemical Sewage Treatment Facility, and Municipal Wastewater Recycling System. It can effectively treat wastewater using a combination of physical, chemical, and biological treatment processes. The system is made of high-quality stainless steel and is easy to maintain and operate while meeting local environmental regulations for wastewater discharge.

Technical Parameters:

Municipal Wastewater Recycling System	Industrial Wastewater Treatment Unit
Self-priming water pump	1.5KW 380V 430L/min
Installation	Indoor Or Outdoor
Core Components	Motor,PLC
Booster water pump	1KW 380V 3m³/h
Machinery Test Report	Provided
Design Pressure	≤0.6Mpa
Maintenance	Easy To Maintain And Operate
Material	Stainless Steel
Feature	Save Money, Reduce Environmental Impact
Diaphragm expansion tank	150L
Treatment Stage	Primary, Secondary, And Tertiary Treatment

Applications:

The KOLON YPE-3 model is a versatile waste water treatment system that utilizes physical, chemical, and biological treatment processes. This makes it an effective solution for treating both organic and inorganic pollutants. The system is capable of treating a wide range of industrial wastewater streams, including those from the food and beverage, chemical, and pharmaceutical industries. The YPE-3 model is a silver-colored system, but customers can request a different color to suit their needs. The system is highly customizable and can be designed to meet specific treatment requirements. It is an ideal choice for businesses that require a biochemica

Customization:Acceptable

Support and Services:

The Waste Water Treatment System product comes with comprehensive technical support and services to ensure optimal performance and maintenance. Our team of experts is available to assist with installation, commissioning, and troubleshooting. We also offer regular maintenance and inspection services to keep the system functioning at peak efficiency. In addition, we provide training for operators and maintenance personnel to ensure a safe and reliable operation of the system. Our goal is to provide our customers with a worry-free experience and help them achieve their environmental goals.

Packing and Shipping:

Product Packaging:

1 Waste Water Treatment System unit

Instruction Manual

Installation Kit

FAQ:

Q: What is the brand name of the waste water treatment system?

A: The brand name is KOLON.

Q: What is the model number of the waste water treatment system?

A: The model number is YPE-3.

Q: Where is the waste water treatment system manufactured?

A: The waste water treatment system is manufactured in Shanghai, China.


Q: What is the capacity of the waste water treatment system?




A: The capacity of the waste water treatment system varies depending on the usage and requirements. Please contact our customer service for more information.

Q: Is installation included with the purchase of the waste water treatment system?

A: Installation is not included with the purchase of the waste water treatment system, but we can provide installation services for an

additional fee. Please contact our customer service for more information.

 **KOLON·龍** CAR WASH MACHINE **Shanghai Kuolong Cleaning Machinery Co. Ltd.**

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