

SERIES PARTIAL

KIRTON
WHEREVER WATER IS RECYCLED



KIRTON PARTIAL RECLAIM SYSTEMS

- ~ Low capital and maintenance cost
- ~ Fully enclosed options
- ~ Easily fits into most plant rooms

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SERIES PARTIAL



INTRODUCTION

Kirton Engineering has been manufacturing vehicle wash water recycling systems for over a quarter of a century, and thousands of systems are installed worldwide. The Partial system is designed to recycle the water from commercial washes of either roll-over or drive through type. In addition to providing excellent water quality results within its standard operation, the Integra range can also be specified with an RO spot free rinse to eliminate the white spotting and streaking that can appear especially on windows. The Partial system is generally installed on bus and coach washing systems.

FEATURES

The equipment is designed to operate with commercial or forecourt machines. Chemicals must be approved by us for the capability. The treatment plant consists of suction pump with multi-cyclone solids separation and storage of wash and rinse water.

CONSTRUCTION

Fabrication in stainless steel grade 304D or polypropylene. The unit is available in a fully enclosed option with frost protection.

ADVANTAGES

The Partial system combines all of the benefits of a full or partial reclaim and includes the above ground three stage interceptor all incorporated into a single stainless steel module. This is ideally suited to sites where excavations are difficult.

OPERATION

Water used during the vehicle washing and rinsing cycles is collected in a three stage interceptor. The water is pumped out from the interceptor through a multi-cyclone solids separation system to remove fine solids. The wash water may be stored in a separate compartment of the stainless steel fabrication.

Model	Flowrate		O/A (MTS) dimension L x W x HT	Weight	
	GPM	LPM		Empty (kg)	Full (kg)
Partial Starter					
35	35	155	0.9 x 1.2 x 1.5	300	1100
50	50	225	0.9 x 1.2 x 1.5	300	1100
75	75	340	1.2 x 1.2 x 1.5	350	1500
Partial Plus					
35	35	155	2.4 x 1.2 x 1.5	475	9000
50	50	225	2.4 x 1.2 x 1.5	475	9000
75	75	340	3.0 x 1.2 x 1.5	525	10000
Partial Heritage					
35	35	155	1.4 x 1.2 x 1.5	400	2900
50	50	225	2.4 x 1.2 x 1.5	400	2900
70	75	340	3.0 x 1.2 x 1.5	475	3400