



# Florida Water Blast, Inc.

12995 Automobile Blvd. Clearwater, FL 33762 - Wk. # 1-800-966-0614

## Advanced Closed Loop Wash Water Treatment System



The Model 10 System collects contaminated water from your wash pad, which typically contains. . . . petroleum hydrocarbons ( oils, grease, and fuels ), heavy metals, solids, cleaning fluids, and detergents. The collected water is processed through the system and automatically delivered to the pressure or steam cleaner. . .

### **The MRS 10 SYSTEM consists of the following technologies and processes.**

- 1 - AERATION (Adds air which enhances separation & removes VOC's)
- 2 - GRAVITY SEPARATION (Floats heavy oils)
- 3 - DIFFUSED MACRO AIR FLOTATION (Aids in separation and algae destruction)
- 4 - AUTO OIL SKIMMER (Automatically removes free oils & grease & captures them in a storage container)
- 5 - HYDROCARBON ABSORPTION (Absorbs petroleum hydrocarbons)
- 6 - COALESCING CENTRIFUGAL SEPARATION (High speed G-forces separates solids & oils from water)
- 7 - POLISHING FILTRATION (Filters to 1 micron)
- 8 - TURBOHYDROZONE (Heavy duty ozone generation system, destroys organics)
- 9 - UV CATALYZATION (Destroys bacteria) (OPTIONAL)
- 10 - HYDROGEN PEROXIDE INJECTION (Destroys organics & algae)
- 11 - CO<sub>3</sub>p - CATALYTIC OXIDATION PROCESS (Destroys odors, pesticides, metals, organics, etc.) (OPTIONAL)
- 12 - CFC - CONTINUOUS FLOW CONTROL SYSTEM (Aeration & odor control)

# Model 10



SPECIFICATIONS	
<b>Dimensions</b>	<b>4'Lx4' Wx6'H</b>
<b>Process Rate</b>	<b>1-10 GPM</b>
<b>Delivery Rate</b>	<b>1-10 GPM</b>
<b>Electrical Requirements</b>	<b>110V 20AMP/1 Ph.</b>
<b>Weight (Approx.)</b>	<b>600 LBS.</b>
<b>CFC System</b>	<b>1/6 h.p. Circulation</b>
<b>Chemical Injection</b>	<b>Peristaltic Metering</b>
<b>Process Tank</b>	<b>150 GAL. Polyethylene</b>

SPECIFICATIONS	
<b>Valves</b>	<b>PVC Ball</b>
<b>Tubing</b>	<b>UV Protected PVC &amp; Poly</b>
<b>Hydrocarbon Accum.</b>	<b>7 Gal. Poly Tank</b>
<b>Polishing Filter</b>	<b>Poly-Pro Housing &amp; Filter</b>
<b>UV Chamber (Opt.)</b>	<b>Krypton / Quartz (Optional)</b>
<b>Turbohydrozone</b>	<b>Ozone Discharge</b>
<b>Coalescing Separator</b>	<b>Poly Housing</b>
<b>Bag Filters</b>	<b>100 Micron - Nylon</b>