

# PURWATER

WATER RECOVERY SYSTEMS

NEWWAVE  
INDUSTRIES

## PW-FS5AS Series (100 GPM)

### Features



- ◆ 5HP Self Priming Pump
- ◆ High Efficiency Cyclonic Separator
- ◆ 70 Micron Water Output
- ◆ Air Sparger
- ◆ Powder Coated Frame
- ◆ Control Signal Activation
- ◆ Clear Control Box - Provides safe and easy access to internal message screens

Specifications	PW-FS5AS Series (100 GPM)
<b>Water Requirements</b>	
<b>PVC</b>	(2) 2" PVC Suction lines, one for use and one for spare, to come up from settling tanks to the right of the recirculation with 2" PVC full flapper check valves at end, 2" unions above water line. (1) 2" line out to the wash manifold. (1) 1" Line to return to the second chamber of the first reclaim tank for air sparger. (1) 1" freshwater line (40PSI) to the right of the system four feet up from the bottom of the floor. (1) 1" Line to return to the catch basin for the underflow of the PurWater succession filters.
<b>Reclaim Maximum Output</b>	90 GPM
<b>Reclaim Pump</b>	5 HP - Amp draw at (208/230 Volt = 12 ) / 5 HP - Amp draw at (460/480 Volt = 6)
<b>Pump Voltage</b>	208-230 Volts or 460-480 Volts (depending on site specifications)
<b>Dimensions</b>	48" Wide X 54" Tall X 21" Deep
<b>Net Weight</b>	400 Lbs. (including crate)
<b>Electrical Requirements</b>	
<b>Reclaim Pump and VFD</b>	(1) 208/230 Volt 30 Amp or 460/480 Volt 20 Amp Three phase circuits to be hard wired 5 feet up from the floor to the right of the system.
<b>Control Voltage for (PLC) Logic Controller</b>	(1) 120 Volt 20 Amp Single phase
<b>Conduit</b>	(1) 1" Conduit from reclaim equipment control box to front of the last tank (for floats). (1) .5" Conduit from each carwash equipment control box to send a control voltage signal to PurWaters repressurization power box. Control wiring from carwash controller (110V is default, 110vac, 24vac and 24vdc avail.) to be wired into control box on frame.
<b>Tank Configuration Recommendation</b>	Double tank configuration