

ASA 900

Wastewater Treatment System



- **Economic and Effective Clay Feed System**
- **Provides Emulsion Breaking and Settling**
- **Fully Automated Operation**
- **Not Sensitive to Variations in Waste Water Quality**
- **Ease of Installation and Operation**
- **Stainless Steel Construction**

ASA-900 SPECIFICATIONS

Electrical Requirement: 115 V / 60 Hz

Reclaim Water Tank Capacity: 66 gallons

Treatment Flow Capacity: 238 gallons/hour

Power Requirement: 1.6 kW

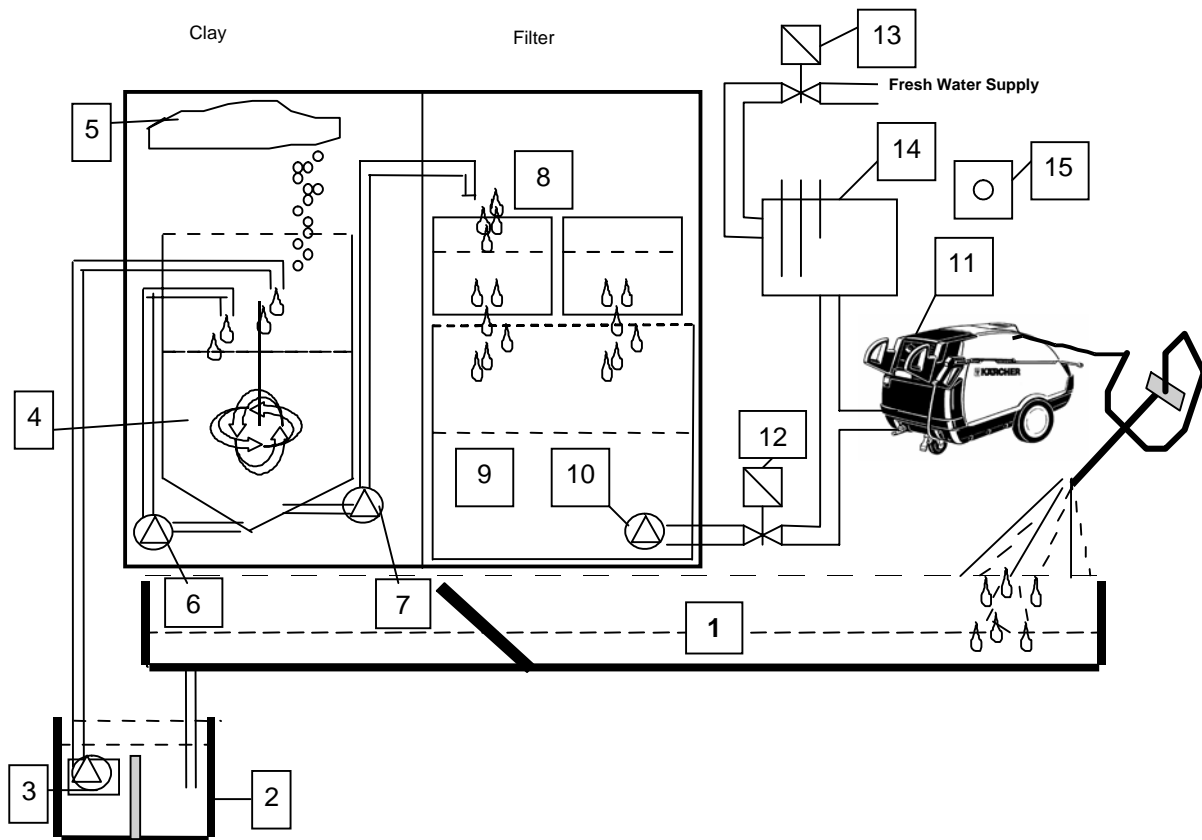
Rated Current: 5 A

Unit Weight: 419 pounds

Unit Dimensions (LxWxH) mm:14000x750x1590

Part Number: 1.909-695

TYPICAL LAYOUT AND OPERATION



- 1 & 2 Wastewater in Sludge Trap and Collection Pit
- 3 & 4 Pumping into Reaction Tank
- 5 Feed of Clay Flocculation Agent
- 4 & 6 Mixing Chamber
- 7 Pumping to filter
- 8 Filter process
- 9 Flow into Wash Water Tank
- 10 Pumping to Sewer
- 10 Pumping to additional filter
- 11,12 & 14 Wash with Reclaim Water
- 13, 14 & 15 Fresh Water Rinse



Feed System for Clay Flocculating Agent and Odor Control/Biocidal Agent

<u>A: Clay Product</u> (round tank)	Wastewater treatment	Clay (RM-846)	Feed Rate: ~ 0.13-0.4 lbs / batch
<u>W: Odor Control Product</u> (right tank)	reclaim water wash water tank	Biocidal Agent (RM-851)	Feed Rate: ~ 3-4 ml / batch

The ASA 900 is not suitable for:

- Wastewater from degreasing of metal parts before painting
- Phosphatizing operations
- Sites with extremely high operating times of high pressure devices
- Wastewater streams with no oil contamination
- Wastewater from condensers
- Wastewater from vehicle wash plants
- Wastewater containing solvents
- Wastewater from the food industry
- Wastewater from interior tank cleaning
- Wastewater from interior cleaning of food processing and transportation equipment
- Wastewater from agriculture applications

Components for Effective Operation:	1	2	3	4
ASA 900 1.909-695 (115 V / 60 Hz)	★	★	★	★
Add on Kit Sludge Trap 2.638-334 (115 V)	★	★	★	★
Add on Kit ASA/HDS - 2.638-346		★	★	
Add on Kit Fresh Water Remote Control - 2.638-264			★	
Buffer Tank, Including Level Probes				★
Installation Supplies (hoses, cables, etc.) (depending on local conditions)	★	★	★	★

Options:

Filter Trolley - 4.730-053	(Application is recommended!)			
Filter Basket - 4.730-043	(Application is recommended!)			
Float Switch S 3 in the Sludge Trap for Overflow Protection	★	★	★	★

Consumables:

RM 846 Clay Settling Agent ASA	★	★	★	★
RM 851 Odor Control Agent W		★	★	★
Filter (1 Ea.) - 6.286-261	★	★	★	★

1. Discharge to sewer without water recycling
2. Recycling with high pressure unit and mounting kit ASA/HDS (2.638-346) without fresh water for rinsing processes
3. Recycling with high pressure unit and mounting kit HDR/HDS (2.638-300) with fresh water for rinsing process
4. ASA 900 with buffer tank as holding tank for high pressure unit