



## SPECIFICATIONS

### FLOW RATE OPTIONS

150 LPH	240 LPH
500 LPH	750 LPH
1000 LPH	1500 LPH
2000 LPH	3000 LPH

### STANDARD VOLTAGE

415V, 50 Hz, 3 Phase  
4 Wire. Other voltage options  
available on request.

### SYSTEM PERFORMANCE

Water Content: <50 PPM  
Removal of Particles:  
< 5 micron

### FEATURES:

- Removes water from oil
- Removes dirt from oil
- No Consumables used
- Unattended Operations
- Low Running Cost
- Easy to handle

## AR ENGINEERING

L-77, Additional MIDC,  
Satara - 415004, MH,  
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## Industrial Oil Purification Unit



### Introduction:

All oils used in the industry such as hydraulic oils, quenching oils, pyrolysis oil, fuel oil for oil fired burners are adding to the running cost of industries all over the world. Deterioration of oil leads to wear, damage because of foreign particle contamination as well as moisture contamination which leads to necessity of oil reconditioning.

So, we are here to help you to provide you equipment which will be able to recondition your oils back to its original form. So that you can again use it in your machineries or for other purposes.

### BENEFITS:

- Reduced Oil Consumption
- Extended Life of Hydraulic Systems
- Faster Payback Period

### Useful for filtration of:

- HYDRAULIC OILS
- TURBINE OILS
- LUBE OILS
- THERMIC FLUIDS
- EDIBLE OILS
- QUENCHING OILS
- COOLANTS



**BEFORE**



**AFTER**



## Technical Data for Industrial Oil Purification Unit

### AR ENGINEERING, SATARA

#### TECHNICAL DATA SHEET FOR INDUSTRIAL OIL PURIFICATION SYSTEMS (DIRT+WATER REMOVAL)

FLOW-RATE		LPH	150	240	500	750	1000	1500	2000	3000
MOTOR POWER	INLET	kW	0.37	0.37	0.75	0.75	1.1	1.1	1.5	1.5
	OUTLET	kW	0.37	0.37	0.37	0.37	0.75	0.75	0.75	1.5
	VACUUM	kW	0.37	0.37	0.37	0.75	0.75	1.1	1.5	2.2
HEATER POWER	GROUP-1	kW	1.5	3	6	9	18	9	18	18
	GROUP-2	kW	-	-	-	-	-	18	18	27
TOTAL POWER		kW	2.6	4.1	7.5	10.9	20.6	30.0	39.8	50.2
FULL LOAD CURRENT		A	5.3	7.5	12.6	17.7	32.2	46.0	60.4	76.9
VACUUM PUMP CAPACITY		m3/hr	6	6	12	20	20	30	65	100
FILTER CARTRIDGES		φ63 x 250L	1 (150L)	1 (150L)	1	2	2	3	2 (500L)	3 (500L)
SUITABLE FOR OIL TANKS UPTO		liters	100-200	200-500	500-1000	1000-1500	1500-3000	3000-4500	4500-6000	6000-9000

Note: Data subject to change due to continuous development.

### Available in two models



**SFC:** Removes only dirt from Oil



**SFCV:** Removes dirt plus water from oil

### Patch Test Report

**Before**



**After**



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### Other Products

- Transformer Oil Filtration & Dehydration Plant
- Trickle Varnishing Machine
- Vacuum Pressure Impregnation Plant

# WE HELP TO CONSERVE OIL