

## PSO<sub>2</sub> Aerators Stage 1, 2 & 3

EnviroDEFENSE Pump Station O2 (PSO<sub>2</sub>) Aeration Kits are the ideal choice for aerating wastewater lift and pumping stations.

With these energy efficient commercial duty diaphragm compressors paired with a low-maintenance, non-stick PTFE Membrane diffuser bar, your station will receive the benefits of high dissolved oxygen (DO) levels efficiently and effectively. EnviroDEFENSE PSO<sub>2</sub> Aeration Kits have proven to be an excellent supplement to bioaugmentation.



### MARKET APPLICATIONS:

Wastewater Lift Stations  
Wastewater Pumping Stations  
Wastewater Holding Lagoons

## FEATURES

- Aerate Wastewater Lift and Pumping Stations
- Energy Efficient and Low Maintenance
- Excellent Supplement to Bioaugmentation

## OPTIONS

	PSO <sub>2</sub> Stage 1	PSO <sub>2</sub> Stage 2	PSO <sub>2</sub> Stage 3
Part No.	BCM001	BCM002	BCM003
Max Station Size (gal.)	4,000	8,000	16,000
Max Water Depth (ft.)	4-5	6-8	6-8
Airflow (CFM)	0.8	0.8	1.7
Power (watt)	17	17	35
Voltage	110/120	110/120	110/120
EASYSET™ Weighted 3/8" Airline (ft.)	25	50	50
Comp Power Cord (ft.)	6	6	6

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#### RECOMMENDED SERVICE

**Air Filter Cleaning:** Unscrew the cover on the back of the compressor to expose the air filter. Remove the air filter and brush away any dust particles. Air filters should be replaced every 3-6 months.

It is recommended that you perform diaphragm maintenance every 12 months.



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#### SERVICE KITS

	PSO <sub>2</sub> Stage 1	PSO <sub>2</sub> Stage 2	PSO <sub>2</sub> Stage 3
Air Filter Part No.	510153	510153	510149
Diaphragm Kit Part No.	510145	510145	510146