

PRM Low Profile Air Strippers are an efficient and compact product for treating contaminated water. The water stream flows over a distribution weir and along the horizontal trays. Forced air is blown through holes in the trays and forms a froth of bubbles generating a large mass transfer surface area where the contaminants are volatilized. The clean water exits the stripper and the off-gas vapors are treated as required.

10 - 1100 GPM Flow Ranges Available

Typical Features:

- Skid or Trailer Mounted
- Up to 99.99% Efficiency
- Stainless Steel Welded Construction
- Stackable Trays with Tension Rods for a Tight Seal
- Field Replaceable Gaskets
- Access Ports on Each Tray for Inspections
- Inlet Mist Eliminator
- Blowers with Premium Efficiency Motors Rated for Class 1, Div. 2 Locations
- Intrinsically-Safe Low Pressure Switch
- Manual Sump Drain Valve
- 3 Float Stem Mounted in a 2" Clear PVC Sight Tube for Pump and Alarm Controls
- Ball Valves on the Inlet and Discharge



PRM Air Strippers use a unique tension rod which allows for proper torque of the trays which eliminates leaks. As the stripper and gaskets age the tension rods can be tightened to seal the gaskets extending the life of the gaskets. PRM design reduces fouling problems often associated with air stripping. The large diameter air distribution hole combined with the turbulent flow reduces build-up of oxidized iron. Should build up occur the trays are easily removed for cleaning. Additional access ports can be added to facilitate inspection and cleaning.

** Options and Services **

- Variable Frequency Drives for Precise Operation
- Transmitters for Sump Level Control
- UL 508A and 698A Control Panels with Wireless Telemetry for Remote Monitoring
- Off-Gas Treatment Systems
- Sequestering Systems and Hard Water Issues
- Custom Integration Into New or Existing Systems
- Installation and Field Integration Services
- Startup and Operations Services

PRM Air Stripper Standard Packages



Air Stripper Standard Packages:

Please talk to a PRM representative to ensure the air stripper is properly sized and specific for your application.

AST 130 Series – 0-12 GPM

12"W x 36"L 14 gauge stainless steel
2 HP Stripper Blower, CT10 Pump Package
2 through 5 tray models available
Control Panel
1" Inlet, 1-1/4" Outlet, 1" Drain
4" Inspection/Cleaning Ports
1" wide gaskets with simple clamp down rods
Demister element at discharge
3' x 5' Skid

AST 230 Series – 5-45 GPM

24"W x 36"L 14 gauge stainless steel
5 HP Stripper Blower, CT10 Pump Package
2 through 5 tray models available
Control Panel
1" Inlet, 1-1/4" Outlet, 1" Drain
4" Inspection/Cleaning Ports
1" wide gaskets with simple clamp down rods
Demister element at discharge
4' x 6' Skid

AST 620 Series – 10-85 GPM

24"W x 72"L 14 gauge stainless steel
7.5 HP Stripper Blower, CT20 Pump Package
2 through 5 tray models available
Control Panel
1" Inlet, 2" Outlet, 1" Drain
4" Inspection/Cleaning Ports
2" wide gaskets with simple clamp down rods
Demister element at discharge
4' x 8' Skid

AST 630 Series – 15-175 GPM

36" W x 72"L 14 gauge stainless steel
10 HP Stripper Blower, 200M Pump Package
2 through 5 tray models available
Control Panel
1-1/4" Inlet, 3" Outlet, 1" Drain
4" Inspection/Cleaning Ports
2" wide gaskets with simple clamp down rods
Demister element at discharge
5' x 10' Skid



PRM's Air Stripper Modeling Software is available on the main page of our web site:

www.prmfiltration.com

Standard options include clear PVC site tube with pump down and high level floats, sump pressure gauge, air flow meter, and pump out package with throttle valve, pressure gauge, and sample port. The PRM air stripper has an inspection port on each tray which can also be used for routine cleanings. Other non-standard packages include the AST 830 Series (25-300 GPM, AST 1240 Series (25-450 GPM) with options and configurations up to 1100 GPM.

888-TREAT-IT • www.prmfiltration.com • sales@prmfiltration.com