



The SPM Oil & Gas'-modified Atmospheric Degasser uses the impact-plus-turbulence principle, creating a high-velocity drilling fluid spray sheet that facilitates gas extraction. At start-up, drilling fluid enters the submerged impeller and travels up to the elevated spray tank. A circular disc "splash plate" turns the fluid into a high-velocity sheet that strikes the wall of the bowl with sufficient force to separate the gas from the fluid. The degassed fluid then flows downstream through the discharge pipe.

### Atmospheric Degasser—Long Shaft

|                        |                     |
|------------------------|---------------------|
| Dimensions (L x W x H) | 6'4" x 3'7" x 10'3" |
| Weight                 | 1,000 lbs           |
| Electric motor         | 10hp                |
| Voltage                | 3 phase 240/480 V   |
| GPM rating*            | 700 gpm             |

### Atmospheric Degasser—Short Shaft

|                        |                     |
|------------------------|---------------------|
| Dimensions (L x W x H) | 6'4" x 3'7" x 7'11" |
| Weight                 | 1,000 lbs           |
| Electric motor         | 10hp                |
| Voltage                | 3 phase 240/480 V   |
| GPM rating*            | 700 gpm             |

\*Ratings are based on a U.S. gallon of fresh water at 8.33 lbs.

### Performance Features

- Compact, lighter weight solution to fit almost any pit area
- Maximum water flow of 700 gallons per minute
- Accepts any fluid weight or mud viscosity
- One-eighth the cost of conventional vacuum degassers using centrifugal pumps
- Simple switch operation for rapid startup or shutdown
- No cleaning—drilling fluid flow removes sand and cuttings
- Uses unique SPM Oil & Gas' Rugged Bowl and Custom Impeller for extended life

### Available Features

- Custom Impeller
- Rugged Bowl

### SPM Oil & Gas

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