

# Agriculture: Cabin Cooling

## Climate Control in Agricultural Equipment

Agriculture equipment cabins (harvesters, tractors) often face fluctuating temperatures, dust, and high humidity, Orion Fans' product offering includes a range of fans designed to meet these challenges.

IP68-rated fans provide superior protection against dust, water, and harsh outdoor conditions, making them ideal for cooling equipment cabins, filtration systems, and agricultural vehicles. Reversible flow fans enable bidirectional airflow for efficient air circulation and debris clean out.

## Thermal Management Challenges in Agriculture Equipment and Greenhouses

**Cabin Cooling:** Ensuring consistent airflow to maintain comfortable and safe operator conditions in tractor and harvester cabins.

**Filtration Systems:** Protecting equipment from dust and debris by integrating efficient air filtration and cooling fans.

**Durability in Harsh Environments:** Ensuring fan reliability in dusty, humid, and outdoor settings.

**Precision Control:** Optional features like Tachometer and PWM Control allow real-time monitoring and precise airflow adjustment for optimal performance.

Our robust and efficient cooling solutions are engineered to enhance productivity and reliability across various agricultural applications, supporting machinery health in even the most demanding environments.

## Recommended Products

### IP68 AC & DC Fans:

60mm - 254mm fans for reliable performance in humid and dusty environments

### Reversible Flow Fans:

OD1238 and OD172SAP for efficient bidirectional airflow

### Blowers:

ODB600 and ODB9733

