Diffuser Plate Retrofit

Gradient pattern provides even air distribution.

Customer Value:
- More even consistent moisture content
- Even air velocity across width of bed
- Removable for cleaning
- Sanitary design

Buhler Aeroglide’s gradient pattern diffuser plates are designed to give more consistent product. The plate uses a custom engineered gradient perforation which distributes air evenly across the length and width of entire conveyor.

Computer modeling of airflow optimizes the size and location of perforations for efficient, uniform distribution over and across the product bed.

With sanitation in mind, the plates are manufactured from easy to clean stainless steel.

Gradient pattern diffuser plates eliminate side to side variation in air velocities.
Maximize Your Dryer’s Potential

Parts and Accessories
Quality, delivery, and service are key elements to providing equipment components. If you are looking for a one-stop supplier for dryer equipment parts, look no further than Bühler Aeroglide.

- Bedplate aprons, slats, girts, screens, pans – we make the conveyor bed components for all major brands and models of dryers.
- Doors, floors, and roof panels. Replace the worn, corroded, warped panels in your current dryers to increase efficiency.
- Fans, burners, drives, chain, sprockets and shafts – we can re-engineer your current components to increase capacity and reliability.
- Control panels and parts – a reliable Aeroglide panel, either manually operated or PLC controlled, will increase operating efficiency and integrated control of the dryer.
- One stop for all OEM components and parts

Dryer Accessories
- Feeders: Oscillating belt and spout feeders, including the adjustable AeroFeed OS+ feeder. Apron feeder for food applications and extruder feeders for the chemical industry. Using the right feeder provides major operating efficiency and product uniformity enhancements.
- Spreaders and Breakers: The right equipment to enhance the product: paddle spreaders, preformers, rams horn spreader, lump breakers, pickers, doffers, and more.
- Extruders/Granulators for the chemical industry.

Satisfied Customers Around the World

“Buhler Aeroglide helped us understand how to maximize the potential of our dryers. They’ve helped us extend their life significantly. By spending a relatively small amount of money, we’ve been able to delay major capital investments.”

Dry Engineering Manager
Nestle Purina PetCare / Europe

“We were experiencing tremendous downtime, making 8 to 12 hours worth of repairs every month to keep the unit running. We probably spent nearly $100,000. Since installing the Aeroglide belt, we haven’t had to do any maintenance on it.”

Engineering & Maintenance Manager
Stockhausen Division of Degussa

“Buhler Aeroglide assessed our problems with a dryer that wasn’t achieving the design capacity. Their recommendation has been successful in achieving higher rates.”

Technical Manager
Goodyear Tire and Rubber Company