

CDS SERIES

Central Drying System

Technical Specifications

AEC's Central Drying Systems feature an energy-efficient design that reduces material changeover times, saving space, energy and labor costs. AEC's central drying systems are custom designed to enable our customers to dry several different resins or different colors at the same time using one central dryer with multiple hoppers. System capacities range from 5 to 6,000lbs./hr (2.27-2,722 kg/hr).

Features

Standard Features

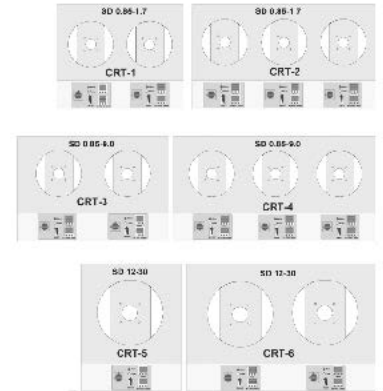
- Unique mass flow design drying hoppers
- Rugged construction
- Isolation valve
- Compact design
- For use with 15-3000 cfm (25-5100 m³/hr) dryers and 0.85-28.21 cu. ft. (11-800 liter) stainless steel drying hoppers or 30-75 cu. ft. (850-2,125 liter) stainless steel or carbon steel drying hoppers (sold separately)
- Available with multiple drying hopper configurations and sizes
- Delivery and return air manifold

Optional Features

- 0.85-28.21 cu. ft. (25-800 liter) stainless steel drying hoppers
- 30-75 cu. ft. (850-2,125 liter) stainless steel or carbon steel drying hoppers
- 15-3000 cfm (25-5100 m³/hr) dehumidifying dryers
- Air heat booster
- Heat directly at the drying hopper with complete flexibility of temperature settings
- Air booster
- Purge and dry air conveying
- Bypass valve
- Insulated delivery air manifold

Benefits

- Allows for quick mold changes by changing the material conveying route from one hopper to the next without having to empty and clean the hopper
- Reduces material inventory at the machine and reduces the chances of the material gaining moisture
- Reduces chances of accidents on the shop floor because the hopper is no longer located on top of the processing machine
- For use with 15-3000 cfm (25-5100 m³/hr) dryers and 0.85-9.0 cu. ft. (25-250 liter) stainless steel drying hoppers or 12-30 cu. ft. (340-850 liter) stainless steel or carbon steel (sold separately)
- Carts available in 1-, 2-, or 3-hopper configurations for maximum flexibility



Specifications