

CH-63 Replacement Kit

New Anhydro Atomizer turns lab and pilot spray dryers into small scale production plants.

Many lab and pilot spray dryers were originally designed for test runs or batch production lasting only a few hours. Continuous production was never intended - until now!

Success in today's competitive business environment is imperative, as is getting the most out of all assets, including plant capacity. One way of achieving this goal is to increase plant operating time. Anhydro's reliable and durable equipment features low maintenance and increased plant availability.

Solution for continuous operation

This new solution from Anhydro reduces both maintenance and downtime of your lab and pilot plants, enabling operation on a continuous basis. The new CH-63 atomizer design greatly improves reliability and durability.

The new CH-63 atomizer

Improved design of the Anhydro CH-63 atomizer for lab and pilot plants has resulted in a stronger atomizer. Other design improvements include the following:

- New air-cooled, high frequency motor intended for continuous operation
- Air-cooled, lifetime lubricated CH-63 atomizer
- Improved bearing design
- Rigid motor rotor, resting in a double bearing set design
- Direct drive design





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Benefits

- Lifetime lubricated bearings reduce the need for maintenance and the risk of product contamination from circulating oil
- High frequency motor reduces maintenance need and increases operating intervals significantly
- More durable motor, with a double bearing design
- Elimination of gearbox simplifies the design and reduces maintenance need
- Direct drive improves bearing lifetime by reducing radial stress on bearings.

The result of these benefits increases uptime and the number of annual operating hours through reduced maintenance and a more reliable design.

The Anhydro solution

The new CH-63 atomizer is available for all new Anhydro Small Scale lab and pilot plants.

Anhydro's new CH-63 atomizer fits into existing Anhydro lab and pilot plants using the Anhydro atomizer types CE-63, CF-63 and CG-63.

The Anhydro CH-63 atomizer replacement kit includes:

- CH-63 atomizer, with HF motor
- Spare part kit
- Tools
- Electrical control cabinet:
 - Control functions integrate with the existing Anhydro controls on the plant
 - Control for speed governing
 - Frequency converter with full display
 - Power cable
- Pneumatic control cabinet:
 - Motor, cooling air regulator, filter and silencer for atomizer
 - Cooling air regulator and filter for atomizer jacket
 - 4 x 5 m air hose with coded snap couplings
- Full documentation (instructions manual, functional description, electrical diagram drawings, CE-certificates).

