

AIR TREATMENT & CONDENSATE TECHNOLOGY DRYER

Energy-saving Secotec Refrigeration Dryers

up to 8.25 m³/min.



Exceptional energy savers with stable pressure dew point performance

With their high efficiency storage control, SECOTEC TA to TD series (*) refrigeration dryers dry compressed air tailored to your requirements to a dew point of 3 °C and ensure maximum efficiency at all times. A generously-dimensioned thermal mass enables operation with minimal material stress and assures stable pressure dew point performance.

- Reliably dry compressed air from 0.35 to 4.5 m³/min.
- Huge potential savings in partial-load operation and during work breaks.
- Highly durable and low-maintenance system design.
- Air-cooled versions for ambient temperatures up to 43 °C.

Advantages

Energy savings:

- Thanks to energy-saving control, in partial-load operation, excess cooling power can be temporarily stored in the thermal mass for later cooling without the need for power consumption.

Long-term reliability:

- The high-quality refrigerant circuit of SECOTEC refrigeration dryers assures reliable performance in ambient temperature up to +43 °C. The large condensate separator and electronic ECO-DRAIN condensate drain provide reliable condensate removal during all load phases. Electrical equipment compliant with standard EN 60204-1.

Exceptionally service-friendly:

- The enclosure was designed with easy component accessibility in mind, which helps to significantly reduce labour costs for maintenance and testing work.

Design and Function

- Air / air heat exchanger.
- Air/refrigerant heat exchanger with thermal mass.
- Condensate separators.
- ECO-DRAIN condensate drain.
- Refrigerant compressor.
- Refrigerant condenser.
- Capillary tubes.
- Filter / dryer.
- High pressure switch.
- Low pressure switch.
- Fan pressure switch.
- PDP trend indicator.
- Compressed air inlet and outlet.