

# AIR TREATMENT & CONDENSATE TECHNOLOGY

## Centrifugal Separators



### Maintenance-free whirlwinds

Kaeser KC centrifugal separators remove condensate at the compressor's compressed air discharge point. They're a must for faultless and energy-efficient functioning of downstream dryers and filters. KC centrifugal separators are equipped with the economical and extremely reliable ECO-DRAIN 31 condensate drain – naturally, with test button and alarm contact included. They're also very easy to combine with KAESER FILTERS and can be wall-mounted using optional wall mounts – for highly straightforward installation.

- Exceptional durability due to corrosion-resistant air piping and aluminium heat exchanger (condenser and SECOPACK LS).
- Separation rates up to 99 % in the flow rate range of 0.9 to 14.2 m<sup>3</sup>/min.
- Designed for working pressures up to 16 bar.
- With ECO-DRAIN 31 electronic condensate drain.
- With optional wall mounts.

Models with flow rates up to 88.5 m<sup>3</sup>/min, special product variants available in silicon-free design, for working pressure of 45 bar.

### Advantages

#### Comprehensive efficiency:

- Kaeser has optimised the air flow in the KC centrifugal separator using the most advanced flow simulations and measured it as per ISO 12500-4. The results: a swirl insert with an excellent separation rate of up to 99 % – stable over a broad output range and with pressure loss of less than 0.1 bar.

#### Durable and value-retaining :

- With a seawater-resistant aluminium enclosure and an additional passivation coating, our centrifugal separators are built to keep on running. The compressed air connections on the enclosure are thus always a perfect fit for our rotary screw compressors.

#### Maintenance-free:

- Kaeser KC centrifugal separators are maintenance-free. Furthermore, the ECO-DRAIN condensate drain is equipped with a service module for highly reliable maintenance.