

## Technical Information Rotating Heat Exchangers

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### Drive

#### Constant speed

- Motors for constant speed are as standard delivered in two types.
  - 3x230V
  - 3x380V
- Casings up to and including 999mm in square are delivered with 3x230V motor.
- Casings from 1000mm in square are delivered with 3x380V motor
- On request can 3x230V be replaced by 1x230V
- For non standard casing dimensions, delivered type of motor may be discussed.

#### Variable Speed

- Two different systems are available for variable speed
  - Emotron
  - Micromax VK/ Minimax VK

##### **Emotron**

- Emotron is a special developed system for variable speed of wheels.
- Available in two features
  - Display with diodes
  - Numeric display
- High efficiency – No gear box losses
- Easy handling since no adjustment settings are required
- IP54 classified

##### **Micromax VK/ Minimax VK**

- Micromax is used for smaller wheel and handles input signals in the range of 0-10V
- Minimax handles all types of input signals and is used for bigger wheels
- IP54 classified
- Easy construction based on standard components
- This control system is delivered together with the constant motor earlier described
- Both types of system for variable drive are delivered inclusive a detector to secure the turning of the wheel