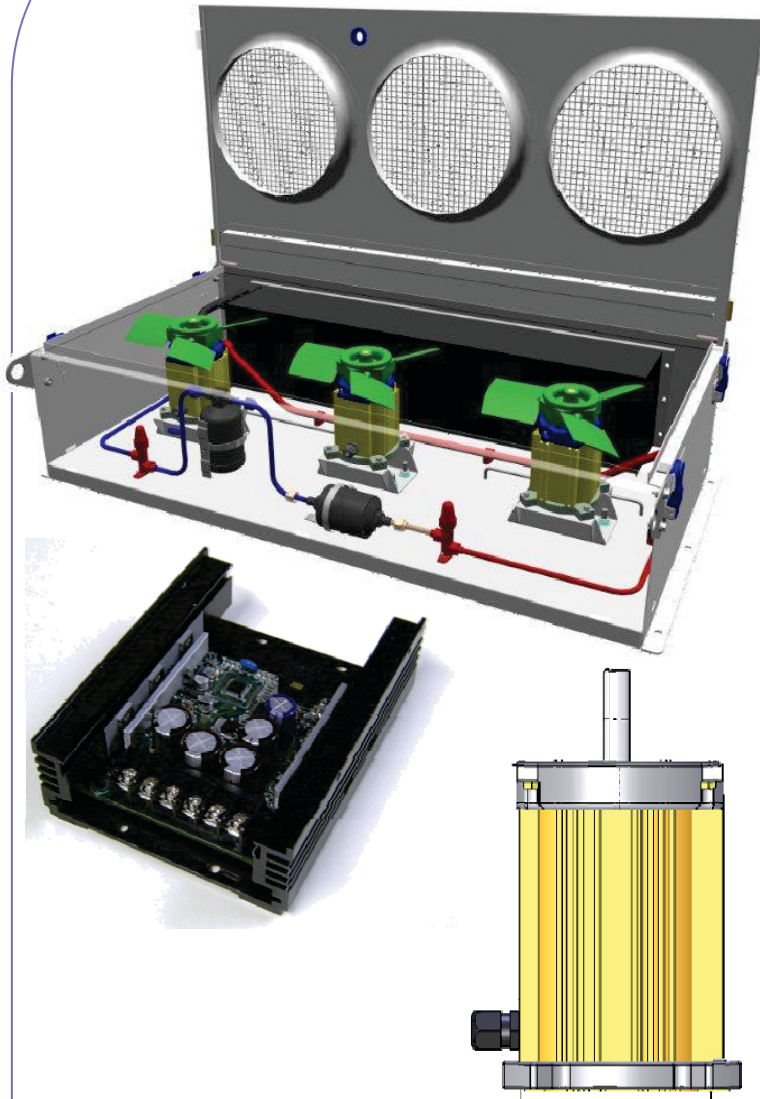


Brushless Motors



SIGMA AIR CONDITIONING

NEW Brushless Motors for SIGMA T-Series



Sigma offers for its current T-Series Range Brushless Motors optional build in or as exchangeable kit.

SIGMA Brushless DC motors also known as electronically commutated motors (ECMs, EC motors) are synchronous electric motors powered by direct-current (DC) electricity and having electronic commutation systems, rather than mechanical commutators and brushes.

SIGMA Controller:

The input voltage at the terminals of the controller limited from min 18V up to max 30V.

Should an obstruction occur in the fan blade path the controller will shut-off and will try to restart every few seconds until the obstruction is removed.

Speed control via PWM (Pulse Width Modulation)

Casing: Aluminium

Advantages:

- ❑ Less Mechanical wear
- ❑ Less Maintenance cost
- ❑ Less Machine downtimes
- ❑ No Servicing of Brushes
- ❑ Rugged for mining applications
- ❑ Cost effective
- ❑ High efficient

SPECIFICATIONS		
Model No	Motor :	ERM99XX
	Controller:	EAC99X
Input Voltage	18—30 V DC	
Max Draw	20 A	
Weight (nominal)	7 Kg	
Power Output	410 W	
Dimension LxHxW (mm)	245x 115 (shaft SS 16mm)	
* Design Temperature 55 Deg C		

For more information on the SIGMA range, please contact Allplant.