

# frequency inverter VFS7(S)



Sensorless vector control gives low speed start-up torque of over 150% of the full load torque. The auto-tuning function automatically measures the motor parameters required for vector control.

- Easy to use
  - Sensorless flux vector control and autocalibration
  - PID control
  - Operating control panel
- ISO 9001

Large dials and switches .....  
Ideal for the first time user and for quick set-up, the VF-S7 comes with an integral potentiometer for frequency setting and two RUN and STOP keys.

Automatic setting function .....  
This function goes one step further than Auto-tuning and takes control of the tedious parameter setting for you. Just wire the motor and power supply, press

RUN and the VF-S7 will work at once. For example, the acceleration and deceleration times are continuously changed according to the load conditions.

## main specifications

Motor rating .....  
0.2 to 2.2 kW 1-phase 230 V  
0.3 to 15 kW 3-phase 230 V  
0.4 to 15 kW 3-phase 400 V.

Frequency output: 0.5 to 320 Hz.  
  
Input signals: 0-10 V, 4-20 mA and potentiometer.

5 inputs and 3 outputs (logic and programmable).

## main functions

Dynamic braking.  
Output voltage regulation

Auto-restart functions in case of momentary power failure.

Communication linking.

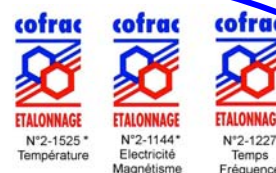
## main options

CE filter, remote control panel, input reactor, braking resistance.

Using .....  
Pumps, conveyors, crushers, fans, compressors.



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