

## Danfoss FC102 frequency inverter



### Use of PID regulation:

- ✓ Sewing room
- ✓ Quilting systems
- ✓ Continuous vacuum

### Constant speed regulation:

- ✓ Cutting room
- ✓ Vacuum on-off

### Benefits:

Power saving up to 20-40 %  
Constant pressure regulation  
No Y/D or soft starter is needed

Gear vacuum units can be replaced with direct drive units. Direct drive units don't need any maintenance.

### Function of the frequency converter:

One or more pressure transmitters that are placed on the main pipe system to control the inverter. The inverter adjusts the rpm. of the vacuum motor in order to keep a constant pressure level on the system. Reducing the rpm. of the motor

### Technical data:

The System is made according to the European machine declaration (CE) norm. 89/392/EC, the High-power regulations EN60 204-1 and IEC 439-1 to 439-5.

Available in: 1,5-75 Kw/h 220-460V

The converter IP54 protected, with integrated safe stop torque. Adjustments are easy made on the front display of the inverter

Prepared for remote start-stop integrated with Waste-exit system controllers.

### Pressure Sensors:

