Congratulations with the purchase of your STC Controller

The STC is a software-controlled climate controller.
The STC is suitable for one or two fans.
The STC also has a LDR (light sensor) and an NTC (temperature sensor).

This manual is for the following inqontrol products

5 YEAR WARRANTY

STC 5Amp

230 - 240V 1Ph 50Hz / 5 Ampère

STC 8Amp

230 - 240V 1Ph 50Hz / 8 Ampère

STC 16Amp

230 - 240V 1Ph 50Hz / 16 Ampère

Technical Specifications

STC 5

Adjustable capacity	**Max. 5Amp**
Input	**230v-240v 1Ph**
Frequency	**50Hz**
Dynamic range	**0.5-5.0Amp**
Temp. sensor (Ntc 5 meters)	**4K7 at 25˚C**
Light sensor (Ldr 5 metres)	**100K-10 Lux**
Bandwidth range	**1~7˚C**

STC 8

Adjustable capacity	**Max. 8Amp**
Input	**230v-240v 1Ph**
Frequency	**50Hz**
Dynamic range	**0.5-8.0Amp**
Temp. sensor (Ntc 5 meters)	**4K7 at 25˚C**
Light sensor (Ldr 5 metres)	**100K-10 Lux**
Bandwidth range	**1~7˚C**

STC 16

Adjustable capacity	**Max. 16Amp**
Input	**230v-240v 1Ph**
Frequency	**50Hz**
Dynamic range	**0.5-16.0Amp**
Temp. sensor (Ntc 5 meters)	**4K7 at 25˚C**
Light sensor (Ldr 5 metres)	**100K-10 Lux**
Bandwidth range	**1~7˚C**

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5 YEAR WARRANTY

Usermanual
STC 5/8/16Amp

CE

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User's Manual:

1. - Make sure The STC is securely attached to on a wall.
   - Attach the NTC (if possible) in the middle of your room.
   - Connect the fan or fans. Fans of the same m3 don't give under pressure to your room.

2. Plug the STC into an earthed power outlet.

3. turn the left-hand knob **(1)** to the desired speed. Minimum speed 20% to 60%. If the fans start to hum gently, turn the left-hand knob **(1)** a little higher until it is corrected. A to low fan speed can damage the fan or fans or the STC.

4. Turn the middle knob **(2)** to the desired maximum speed (60% to 100%).

5. Set the switch **(5)** to the automatic position. on position **(1)**.The fans will now start running.

6. Now set the desired temperature with the temperature knob **(4)**. The NTC now controls the processor for optimum temperature control in your room.

7. With the delta button: bottom right button **(3)** you now can set the margin for the temperature. You setting the margin will prevent switching between the min / max setting too quickly. As a result, your fans will last longer and make less noise. We recommend 3 to 4°C.

Example

5 YEAR WARRANTY

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Switching the night mode on

Humidity can rise sharply during the night. To keep this humidity within acceptable values, you can choose to use the night mode. The STC switches up in small steps to a Max 80%, once per hour, for a few minutes. Thereby lowering the moisture in the air. When de rubber cap is removed from the light sensor. The STC will now operate in night/ day mode. The green LED **(6)** will now light up. Showing the STC is in night mode. Switching the night mode off By turning the switch **(5)** to the zero position and then waiting 5 seconds and then back to the Automatic mode switchable mode **(1)**, the night mode is switched off. The green LED **(6)** will now be switched off.

100% SCHEME.

Sometimes it is desirable that your fan or fans run at 100% Set switch **(5)** to zero position, wait 5 seconds and then move switch **(5)** in position **(2)**. The fans will now run at 100%

Attention (cal-min potentiometer)

The STC'S are being programmed for most used fans. However switching the minimal speed down is possible. For this purpose turn the Cal-Min potentiometer **(under the socket template 7 on the right hand side)**. Turn left for minus and right for plus. Turn down the speed in such a manner that the fan will always keep running.

Troubleshooting

If the STC fails to run:

1. Switch off the supply and check the fuse **(8)** in the STC.
2. If the fuse **(8)** is OK increase the minimum fan speed.
3. Re-connect the STC and retry.

If the STC still fails please contact the retailer the unit was purchased from.

5 YEAR Warranty

The StC product warranty(terms & conditions), excludes faulty fuses. The manufacturer shall not be responsible for any damage caused by operation of the unit, be it incidental or consequential; or of any type; including, without limitation, damage or injury, caused to other products, machinery, or buildings. Nor will responsibility be accepted for loss of time or profit, loss of finished products, or for any inconvenience caused in any way whatsoever.

Disposal

This unit is not suitable for disposal as or with household waste. It should be taken to a local recycling centre.

Have the StC connected by a recognized installer.