

INSTRUCTION MANUAL

ventair™

THE AIR MOVEMENT SPECIALISTS



WiFi Enabled



(Actual products and/or parts, may vary slightly in design from the images depicted in this Manual.)

Ceiling Fan Installation Manual, Rev 1.0

SPYDA **EC**

ULTIMATE ENERGY EFFICIENCY

Models:

SPYEC1253WH

SPYEC1253BL

SPYEC1423WH

SPYEC1423BL

SPYEC1253WH-L

SPYEC1253BL-L

SPYEC1423WH-L

SPYEC1423BL-L

CAUTION

Read Instructions Carefully
For Safe Installation and
Fan Operation

- INSTALLATION
- OPERATION
- APP Wi-Fi CONTROL
- MAINTENANCE
- WARRANTY INFORMATION



**MUST BE
INSTALLED
BY A LICENSED
ELECTRICIAN**

THANK YOU FOR PURCHASING

Thank you for purchasing this quality Ventair ceiling fan.

Please read all instructions carefully to ensure correct installation, and operation.

Note: Keep this manual for future reference.

SAFETY PRECAUTIONS

1. To Ensure a Safe, and successful installation, refer to, and follow, all instructions and diagrams.
2. All electrical work should only commence after disconnection of the power. Remove fuses or turn off the circuit breaker to ensure all pole isolation of the electrical supply.
3. Make sure that your installation site will not allow the rotating fan blades to come in contact with any object and that there is a minimum clearance of 300mm from the blade tip to the wall or ceiling. Please note that the greater the clearance around the fan, the better the airflow will be.
4. The fixing point for the fan must be able to support the weight of 4 times that of the net weight of the fan. Net weights can be found on the next page. If you are mounting the fan to a ceiling junction box, the box and fixing must be able to support the moving weight of the fan and must not twist or work loose.
5. The fan must be earthed.
6. It is not recommended that ceiling fans and gas appliances be operated in the same room at the same time.
7. Do not insert anything into the fan blades while the fan is operating. This will damage the blades and upset the balance of the unit causing the unit to wobble.
8. Once fully installed, double check that all connections are secured and tightened before operating.
9. Because of the fan's natural movement, some connections may loosen over time. Check the support connections, brackets and blade attachments twice a year, adjust/gently tighten as necessary.
10. Always have your fan installed by a licensed electrician.
11. This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
12. Children should be supervised to ensure that they do not play with the appliance.
13. The fan is to be installed so that the blades are at least 2.1m or more above the floor.



tropical climate

This product is suitable for use in Tropical climate areas.

The Fan may be used indoors, covered outdoors and is ideal for commercial applications.

SPECIFICATION

MODEL	Light Wattage (W)	Fan Wattage (W)	Voltage (V)	Net Weight (Kg)
SPYEC1253WH SPYEC1253BL	No Light	30 watts	220-240V	3.81kg
SPYEC1253WH-L SPYEC1253BL-L	20 watts (TRI COLOUR)	30 watts	220-240V	3.98kg
SPYEC1423WH SPYEC1423BL	No Light	38 watts	220-240V	4.07kg
SPYEC1423WH-L SPYEC1423BL-L	20 watts (TRI COLOUR)	38 watts	220-240V	4.24kg

PARTS LIST

Unpack the fan and carefully identify the parts. Please refer to Fig1.

NOTE: Check for any damage prior to installation. Any Damage, marks or scratches are not covered by In-Home warranty and should be returned to place of purchase for a replacement.

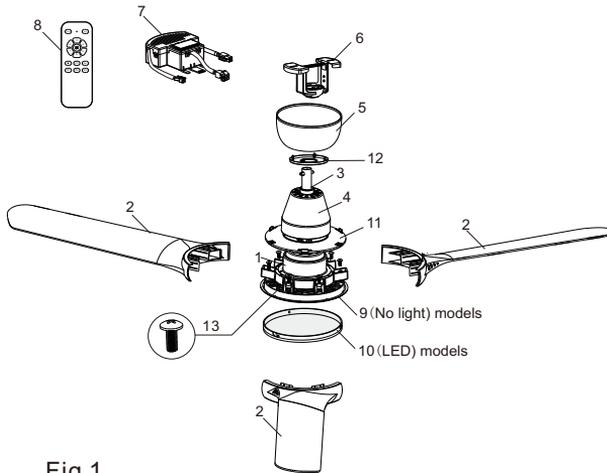


Fig 1.

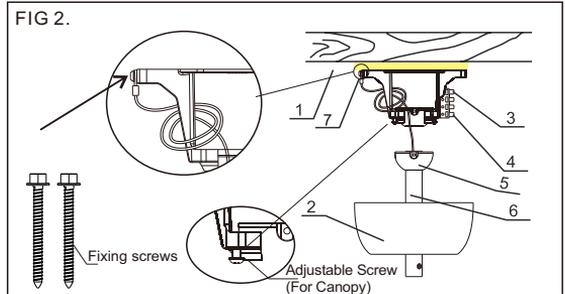
Part	Pcs
1. Motor Assembly	1
2. Blades	3
3. Down Rod	1
4. Lower Canopy	1
5. Upper Canopy	1
6. Hang-Sure Set	1
7. Remote Receiver	1
8. Remote Handpiece	1
9. Fascia	1
10. LED light panel	1
11. Motor cover plate	1
12. Decorative screw cover	1
13. Blade screws	6

INSTALLING MOUNTING BRACKET

1. Before installation, make sure that the blade tips will not be within 300mm of any object or fixture.
2. Using screws provided, secure the hanging bracket to a ceiling joist or suitable structure that is capable of supporting at least four times the actual weight of the fan (see Specifications)
Note : For structures that are not Wooden, please use the appropriate fixing screws or bolts to suit.
3. Connect safety cable to bracket as indicated in fig 2.

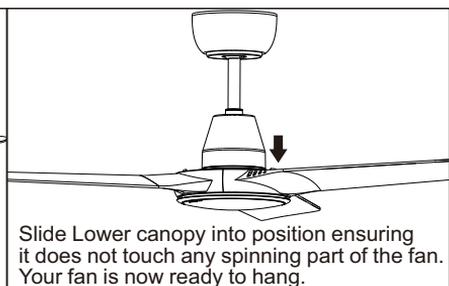
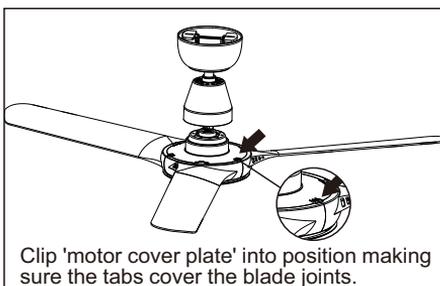
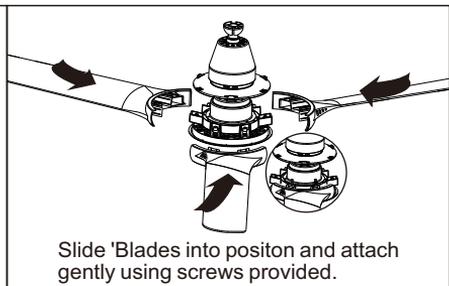
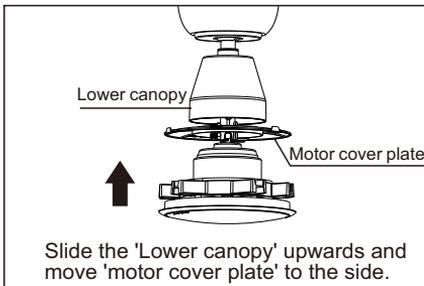
Mounting Plate Hanging System

1. Ceiling Joist
2. Canopy
3. Terminal Block and Mounting Plate
4. Earth Wire
5. Hanger Ball
6. Down rod
7. Safety steel wire (to be fixed on the bracket via the screw)



*Please use the fixing screws provided.
Use of non certified fixing screws may void the warranty.

INSTALLING BLADES



WIRING AND ELECTRICAL CONNECTIONS.

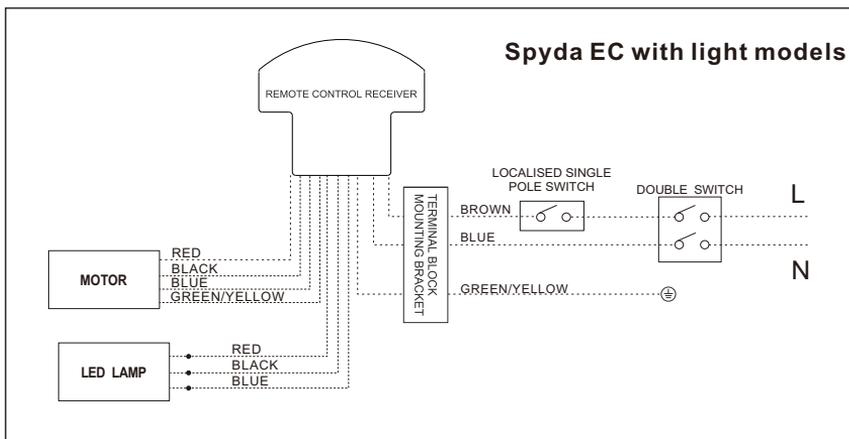
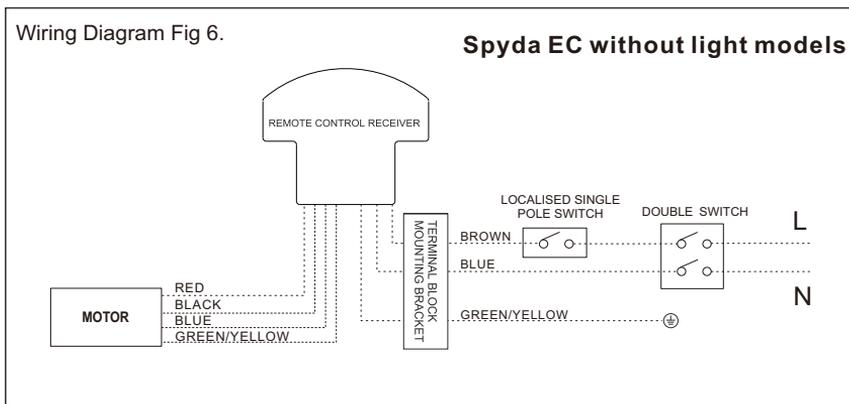
WARNING : FOR YOUR SAFETY, ENSURE THE MAINS SUPPLY IS SWITCHED OFF TO THE WIRING CIRCUIT BEFORE PERFORMING ANY ELECTRICAL TASKS.

- All pole disconnection switches must be included in the fixed wiring.
- Each Fan must have A 'localised single pole isolation switch' as indicated in the diagram.
- Do not use any other style/type or brand of speed controller for this Fan.

Step 1: Connect the EARTH wire to the terminal port marked “⊕” on the terminal block mounting bracket.

Step 2 : Connect the supply LIVE wire to Localised single pole switch and then wire to terminal port marked “L” on the terminal block mounting bracket.

Step 3: Connect the supply Neutral wire to the terminal port marked “N” on the terminal block mounting bracket



HANGING THE FAN

Hang the assembled fan into the Hanging Bracket making sure the groove on the hanging Ball, locates into the Tab of the Hanging Bracket. (Fig 3.)



Fig 3.

FOR RAKED/SLOPED CEILINGS

1. Ensure the fixing tab fits in the groove of the hanger ball. (Fig 3.)
2. Ensure the fixing tab is set at the highest point. (Fig 5.)
3. Suitable for installations up to 18 Degrees of Pitch. (Fig 4.)

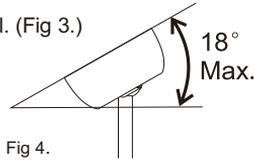


Fig 4.

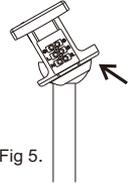
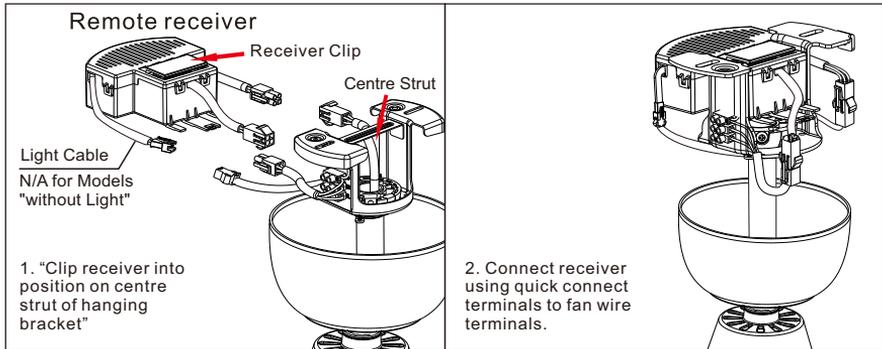


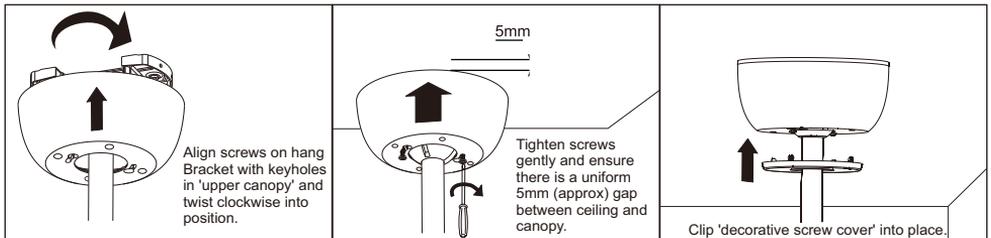
Fig 5.

INSTALLING REMOTE RECEIVER



Note: For power supply, follow the wiring diagram Fig 6. (previous page)

INSTALLING THE UPPER CANOPY

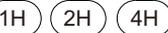


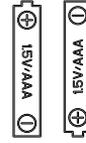
Once all the above steps have been followed, you are now ready to restore the mains power supply.

Make sure there is nobody near or under the fan, then turn ON the fan (and light switch if included in your model) to test.

REMOTE INSTRUCTIONS

Using Remote Control

-  Turn the fan "OFF" only.
-  Adjust the fan speed from 1 (low) to 6 (high)
-  Creates a natural Breeze effect.
-  Light ON/OFF.
-  Forward / Reverse alters the direction of blade rotation. (Summer / Winter)
-  Adjust Light colour (Cool, Natural and Warm)
-  Press and hold to adjust the Light intensity up or down.
A ' Beep ' will be heard at both Minimum, and Maximum brightness.
Release, then press again to reverse the dimming direction.
-  One, two and 4 hours run-on Timer.



x 2 AAA batteries included.
Note: Use good quality Lithium batteries to extend time between Battery changes.



The remote handpiece comes factory paired with the remote receiver, but if you wish to pair a remote handpiece to multiple fans, see below)

Step 1: Turn "OFF" isolation switch.

Step 2: Turn "ON" isolation switch and within 2 seconds, press fan off  button for 3-4 second until a "Beep-Beep" sound is heard.
(Repeat steps above if not successful)

APP Wi-Fi CONTROL INSTRUCTIONS

Note: Ensure Remote control is paired to fan (press and hold Fan off  2-3 sec, the fan will emit one beep)

1.Download the " Tuya Smart " app. Scan the QR code or download from Apple Store (IOS) or Google Play (Android) .

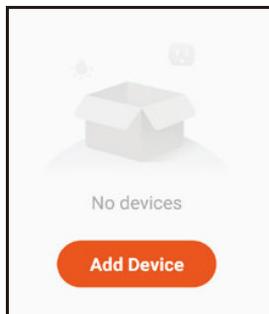


Also compatible with the Smartlife App

2. Register/sign up your Tuya smart (or Smart Life) account. Follow the prompts using a choice of either mobile phone number or email address.

3. Turn on Wi-Fi on your mobile phone and ensure fan is in the same Wi-Fi area.

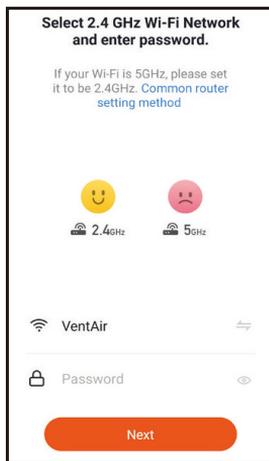
4. Open your Tuya Smart App and choose add device



5. Choose 'Small Home Appliances' then choose 'Fan (Wi-Fi)' .

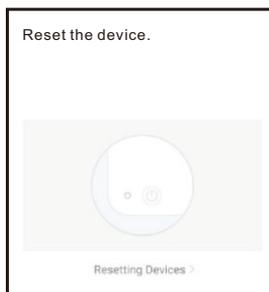


6. Select a 2.4GHz Wi-Fi network and enter password. (if your Wi-Fi is 5GHz, it should also display a 2.4GHz version as a Wi-Fi option available) please set to the 2.4GHz option. Select 'Next'.



7. Reset the Fan, ready for pairing/syncing.
Note: this product does not have an indicator light. Please follow resetting instructions listed below.

- Turn isolation switch(found on the wall in same room as fan) to "OFF" for at least 15 seconds. Then, turn isolation switch to 'ON' the fan will emit one beep, and 'within 10 seconds' press and hold the F/R  BUTTON on the fan remote (3-5 sec).

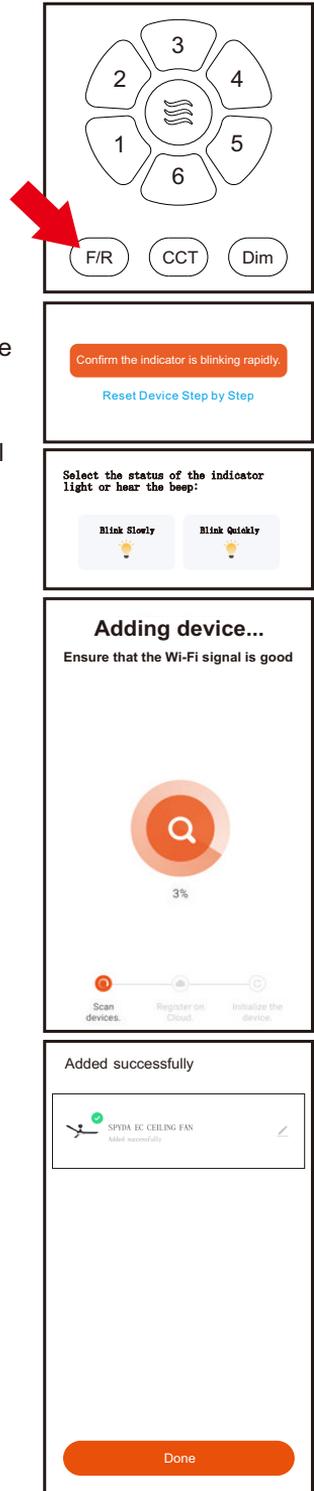


- The **SPYDA EC** fan will emit a “beep-beep-beep” (3 x beeps) sound to indicate that your fan is ready to be paired with your Tuya Smart App.

- *8. Select, "confirm the indicator is rapidly".
Then continue with Select "blink quickly" to begin the pairing procedure.
- *This product does not have an indicator light, but these directions must still be followed for successful pairing.

Note: Please complete the pairing procedure within 3 minutes of resetting.

- 9. Your **SPYDA EC** fan now has been added to your Tuya Smart (or Smart Life) account.
If it is failed, repeat steps 6 to 8 until you see this interface.



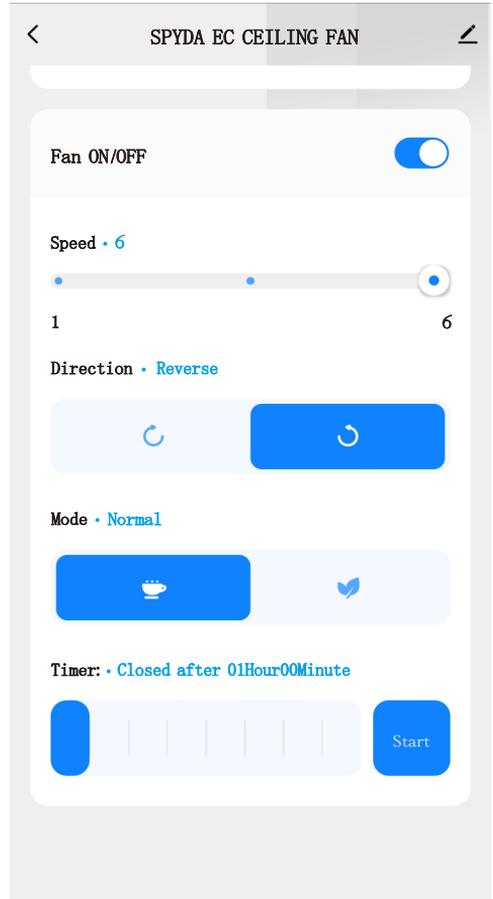
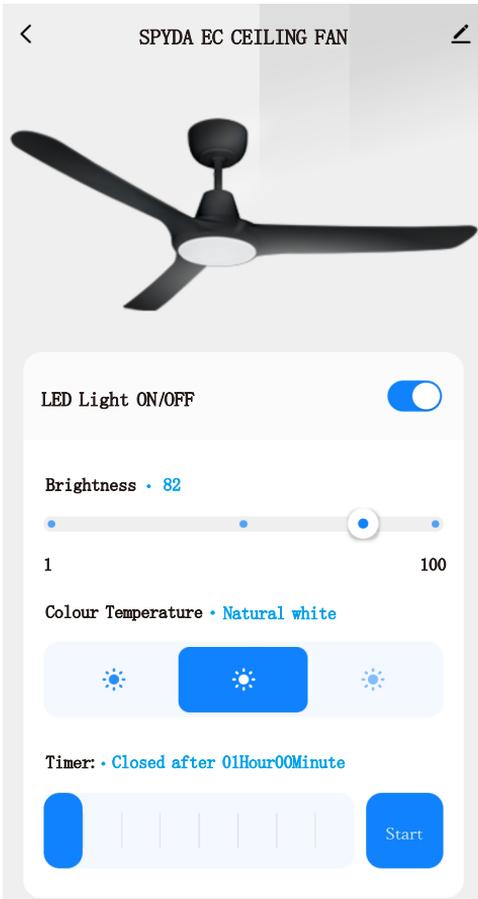
Please Note: a single fan can be linked to many phones as long as they are using the same tuya or smartlife account.

CONTROLS:

You can control some basic functions from the home screen.



Or click on the fan to access the main control panel for full list of control functions



MAINTENANCE AND TROUBLESHOOTING

- Keep the fan clean. Wipe away dirt with a clean soft cloth, ordinary soap and water, wipe dry. Do not use solvents, etc. (Gasoline or petroleum.)
- Make sure to disconnect the power supply before cleaning and maintenance is carried out.
- Ensure that the fan is switched off from the supply mains before removing the guard.

The points described below should be checked, and corrected if necessary, upon installation and at least once a year thereafter.

Excessive movement and wobbling?

- Check all screws, bolts and nuts are secured tightly.
- Change position of the blades.
- Check blade height. Carefully rotate the fan and measure each blade from a fixed point on the ceiling. (Adjust if necessary, by loosening and re tightening the upper or lower blade screws)



Does the motor, down rod or other components shake or vibrate abnormally?

Shaking and abnormal vibration can be caused if the blade holding screws or screws for the suspended parts are loose, or if a blade is deformed. If a blade is deformed, all 3 (or 4) blades should be replaced as a set.

Is there any unusual noise?

Is the 'Lower Canopy touching the spinning parts? (adjust as required)

Is the 'upper canopy' in contact with ceiling surface?

Night Noise:

This is the biggest cause for service calls, which are outside the manufacturer's warranty. If a fan has a fault, it will always be noticeable, even during the day. Naturally when everything is quiet at night, you will be more inclined to hear small noises, which may not be noticeable at other times. Blades spinning, may cause a slight chopping sound which is more pronounced at higher speeds. This is normal and is an indicator of high air movement.

WARNING:

If at any stage the fan develops excessive wobbling or unusual oscillating movement is observed, immediately stop using the ceiling fan and contact the manufacturer, its service agent or suit ably qualified persons.

Fan Light:

Except for an actual fault in manufacturing, which is extremely rare, noises and vibrations are often more accentuated when a fan light is fitted. For instance, a fan light diffuser that has not been tightened or worked loose can cause a rattle. Frequent care and maintenance will reduce this.



Do not dispose of electrical products with household waste. Please check with your local council for advice on disposal or recycling. If electrical appliances are disposed of in landfills or dumps, hazardous substances can leak into the groundwater and get into the food chain, damaging your health and well-being.

ventairtm
THE AIR MOVEMENT SPECIALISTS

4 CAPITAL PLACE
CARRUM DOWNS VIC 3201
PHONE: (03) 9775 0556
FAX: (03) 9775 0775