Learn more about Samsung Room Air Conditioning at http://www.samsung.com.au/aircon
AIR CONDITIONING SOLUTIONS FROM A TRUSTED BRAND

At the heart of family living is the home, a place full of special moments and wonderful memories where families live and grow in their own unique way.

At Samsung, we imagine all sorts of innovative ways to improve how your home functions and help it run smoothly – so you have more quality time for the joys of raising your family and looking after their well-being.

We’re proud to say our Samsung brand is recognised as one of the world’s leading intuitive product design companies, and one of the world’s top electronics producers.

Samsung air conditioners have been designed with the same passion for innovation and quality that has helped make Samsung one of the 2011 Best Global Brands*.

Samsung air conditioning systems are held in high esteem around the world and have been selected for a multitude of developments including shopping centres, airports, stadiums and hotels.

Samsung continues to invest heavily in R&D, performance testing and quality control to deliver quality air conditioning systems to market.

2011 Best Global Brand

1. Coca Cola
2. IBM
3. Microsoft

17. SAMSUNG Electronics

18. Louis Vuitton
19. Oracle
23. Canon
35. Sony

CONTROL YOUR COMFORT FROM VIRTUALLY ANYWHERE*

Samsung Smart Series™ Air Conditioners aims to change the way you control your comfort as the control is literally at your finger tips, virtually no matter where you are. The new range is Wi-Fi enabled*, allowing the user to control the air conditioning unit via their compatible Android™ or iOS Smartphone or Tab while they are in or out of the house.

At Home
When connected to your in house Wi-Fi network, your compatible Smartphone acts like another remote control. However line of sight is not always needed. For example, you could turn on your Air Conditioning unit from your compatible phone or Tab in the upstairs bedroom whilst you sit on the lounge watching TV so that your room is nice and cool before coming up to sleep.

Out of Home
Using your compatible phone or Tab you can now control your Air Conditioning unit from virtually anywhere outside of your home. When connected out of home, you will need to be on a 3G, 4G or Wi-Fi network.

Forgotten to turn your air conditioning unit off?
Samsung Smart Series™ allows you to turn it off virtually wherever you are.* Before you get home, check the current temperature in the room and turn your air conditioner on to your preferred temperature so it’s to your comfort on arrival.

SAMSUNG SMART AIR CONDITIONER APP
EASY TO USE FEATURES

- Turn your ac unit on/off
- Advanced On/Off Timer settings
- Program what time you want your unit to turn on/off
- Set day(s) of the week you would like this to occur
- Check and adjust the temperature of the room
- Multiple AC units can be run from one App and device

*Wi-Fi enabled control requires access to a wireless network. Wi-Fi enabled control is compatible with selected Android and iOS smartphones and requires the Samsung Smart Air Conditioner app, downloaded from Google Play or iTunes. To use Out Of House control, users must register the product at https://eu.samsungsmartappliance.com. Internet connection required to use ‘Out Of House’ control.

Data charge may apply. Android is a trademark of Google Inc. iOS is a trademark or registered trademark of Cisco in the U.S. and other countries and is used under license.
**SAMSUNG SMART SERIES™  AIR CONDITIONER FEATURES**

**D’LIGHT COOL MODE**
The comfort level in the room is not only a function of temperature. Humidity levels in a room can make you feel uncomfortable, even at the desired temperature. In D’Light Cool mode, the AC unit measures both temperature and humidity. In humid environments even at a cool temperature, humidity levels can be high, making the occupants feel uncomfortable. The D’Light Cool mode will make an assessment of both temperature and humidity and so even if the required temperature is reached, the unit will continue to dehumidify until a comfortable index level is reached.

**HUMIDITY** 50%  **COMFORT**  **TEMPERATURE** 23°C

**GOOD SLEEP II MODE**
Automatically adjusts the temperature to create a comfortable temperature which may help you fall asleep, maintain a comfortable sleep environment and awake refreshed. Good Sleep operation in Cooling:

- **Falling Asleep Stage:** Eases you into sleep by dropping the temperature.
- **Sound Sleep Stage:** relaxes your body and raises the temperature slightly.
- **Wake up Stage:** the temperature will automatically rise in order to increase your body temperature for a refreshing start to the day.

**HD FILTRATION WITH IONISER**
All Samsung Smart Series AC units are equipped with a Samsung HD Filter and Ioniser which aim to help reduce the dust levels in the air. The HD Filter has a narrow opening, limiting the amount of dust that can pass through the filter whilst the Ionizer produces negatively charged ions which help attract the positively charged dust particles they come in contact with. Thus, together, they may help the Samsung Smart Series AC unit to reduce dust levels in the air.

**WATERFALL AIRFLOW**
In heating modes, the unit has the ability to target the air directly down at a 90 degree angle. This is called the Waterfall Airflow and it helps heat to be distributed evenly in the room.

**TURBO MODE**
Operates the ac unit at its maximum speed to quickly reach the set temperature.

**SMART MODE**
Enables the air conditioner’s compressor to operate at a reduced intensity when the air conditioner is not required to be run at maximum cooling/heating capacity.

**WAVE FILTER WITH IONISER**
All Samsung Smart Series AC units come equipped with a Wave Filter and Ioniser, which aim to help reduce the dust levels in the air. The Wave Filter has a narrow opening, limiting the amount of dust that can pass through the filter whilst the Ionizer produces negatively charged ions which help attract the positively charged dust particles they come in contact with. Together, they may help the Samsung Smart Series AC unit to reduce dust levels in the air.

**FAN MODE**
Circulates air around the room without using cooling/heating functions.

**REAL TIME TIMER**
Gives you the ability to fully program an on and off time to operate the air conditioner.

**CORROSION RESISTANT FIN**
Helps to protect the outdoor heat exchanger from corrosion to extend the life of your air conditioning unit.

**LUMINOUS COOL MODE**
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<table>
<thead>
<tr>
<th>UNIT MEASURES</th>
<th>WITH “D’LIGHT COOL”</th>
<th>WITHOUT “D’LIGHT COOL”</th>
</tr>
</thead>
<tbody>
<tr>
<td>Temperature</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Humidity</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>UNIT CONTROLS</th>
<th>WITH “D’LIGHT COOL”</th>
<th>WITHOUT “D’LIGHT COOL”</th>
</tr>
</thead>
<tbody>
<tr>
<td>Temperature</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Humidity</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fan Speed</td>
<td>(high/mid/off)</td>
<td>(high/mid/off)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>RESULTS</th>
<th>COMFORT</th>
<th>The right temperature</th>
</tr>
</thead>
</table>

**UNIT CONTROLS**
- Temperature
- Humidity
- Fan Speed (high/mid/off)

**UNIT MEASURES**
- Temperature
- Humidity

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# Samsung Smart Series Model Specifications

## Samsung Smart Series

### Model Specifications

<table>
<thead>
<tr>
<th>BOM Code</th>
<th>F-AQV09TWS-01</th>
<th>F-AQV12TWS-01</th>
<th>F-AQV18TWS-01</th>
<th>F-AQV24TWD-01</th>
<th>F-AQV30TWD-01</th>
</tr>
</thead>
<tbody>
<tr>
<td>Indoor Code</td>
<td>AQV09TWSNXXA</td>
<td>AQV12TWSNXXA</td>
<td>AQV18TWSNXXA</td>
<td>AQV24TWDNXXA</td>
<td>AQV30TWDNXXA</td>
</tr>
<tr>
<td>Outdoor Code</td>
<td>AQV09TWSXXSA</td>
<td>AQV12TWSXXSA</td>
<td>AQV18TWSXXSA</td>
<td>AQV24TWDXXSA</td>
<td>AQV30TWDNXXA</td>
</tr>
</tbody>
</table>

## SAMSUNG SMART SERIES FEATURES

### Operating Mode
- Turbo Mode: Yes
- D’light Cool: Yes
- Good Sleep: Yes
- Smart Mode: Yes
- Dehumidification: Yes
- Auto Mode: Yes
- Fan Mode: Yes
- Quiet Mode: Yes

### Wi-Fi
- Yes

### Remote Controller
- Yes

### Real-Time Timer
- Yes

### Auto Changeover
- Yes

### Auto Restart
- Yes

### DRED Enabled
- Yes

### Outdoor Unit
- Anti-Corrosion Fin: Yes

### RATING CONDITIONS

<table>
<thead>
<tr>
<th>Condition</th>
<th>Temperature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cooling</td>
<td>20°C DB / 19°C WB</td>
</tr>
<tr>
<td>Heating</td>
<td>70°C DB / 65°C WB</td>
</tr>
</tbody>
</table>

### PERFORMANCE

<table>
<thead>
<tr>
<th>Capacity</th>
<th>Cooling</th>
<th>kW (min~max)</th>
<th>2.6 4.2 6.4 9.7 11.4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heating</td>
<td>kW (min~max)</td>
<td>3.2 4.0 6.0 8.0 9.0</td>
<td></td>
</tr>
<tr>
<td>Energy Efficiency Rating</td>
<td>Cooling ACOP(W/W)</td>
<td>4.54 4.02 3.00 3.30 3.30</td>
<td></td>
</tr>
<tr>
<td>Heating ACOP(W/W)</td>
<td>3.54 3.02 3.00 3.20 3.20</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Star Rating</td>
<td>Cooling Stars</td>
<td>4.0 3.0 2.5 2.0 2.0</td>
<td></td>
</tr>
<tr>
<td>Heating Stars</td>
<td>4.5 3.5 2.5 2.0 2.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Moisture Removal</td>
<td>Lit / hr.</td>
<td>1.7 1.7 2.5 3.0 4.5</td>
<td></td>
</tr>
</tbody>
</table>

### ELECTRICAL DATA

<table>
<thead>
<tr>
<th>Power Source</th>
<th>kW/Ph</th>
<th>220 ~ 240 / 50 (1)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cooling W</td>
<td>560</td>
<td>2100</td>
</tr>
<tr>
<td>Heating W</td>
<td>700</td>
<td>2420</td>
</tr>
</tbody>
</table>

### DIMENSIONS & WEIGHT

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Indoor (W x H x D)</th>
<th>Outdoor (W x H x D)</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Indoor</td>
<td>890 x 285 x 190</td>
<td>790 x 548 x 285</td>
<td>9.2 kg</td>
</tr>
<tr>
<td>Outdoor</td>
<td>1065 x 298 x 230</td>
<td>880 x 638 x 310</td>
<td>32 kg</td>
</tr>
</tbody>
</table>

### TECHNICAL INFORMATION

<table>
<thead>
<tr>
<th>Piping Size</th>
<th>Liquid</th>
<th>6.35mm</th>
<th>6.35mm</th>
<th>6.35mm</th>
<th>6.35mm</th>
<th>6.35mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gas</td>
<td>9.52mm</td>
<td>9.52mm</td>
<td>12.7mm</td>
<td>15.88mm</td>
<td>15.88mm</td>
<td></td>
</tr>
</tbody>
</table>

### Air Purification
- S-Plasma Ion: Yes
- Full HD Filter: Yes

### Convenience
- Wi-Fi Enabled: Yes
- Remote Controller: Yes
- Meal-Time Timer: Yes
- Auto Changeover: Yes
- Auto Restart: Yes
- DRED Enabled: Yes

### Outdoor Unit
- Anti-Corrosion Fin: Yes

*These systems must be installed by a qualified technician. Specifications and features are subject to change without notice.*
Samsung is fully committed to after sales and warranty support

MEPS COMPLIANT
Air conditioners sold in Australia are required to meet Minimum Energy Performance Standards (MEPS) set by the Government.

These standards are based on the ratio of a system’s energy input versus its capacity.

On the 1st of October 2011 the latest minimum efficiency levels came into effect. Samsung is proud to state that our Samsung Smart Series™ Air Conditioners are fully compliant with these MEPS levels.

PEACE OF MIND
Rest assured that you are buying a quality air conditioner with Samsung’s 5 year parts and labour warranty on products featured in this brochure when used for human comfort. Refer to the warranty card included with your product for full details.

PRODUCT SUPPORT LINE
If you have any concerns about your product simply call 1300 362 603 and our friendly staff will assist with your enquiry and book a service call if required.

NATIONAL SAMSUNG SERVICE NETWORK
Our national network of Authorised Service Centres and Customer Service Plazas are on hand to support your product. Our specialist technicians will provide a fast and effective response.

MEPS COMPLIANT
Excludes costs for labour and access equipment where Samsung-branded air conditioning unit is installed in an area which is not easily accessible. See warranty card or visit www.samsung.com/au/support for more information.

D.R.E.D ENABLED