

SAMSUNG JUNGFRAU – R410A (SMART - INVERTER)



Product Features

Smart Wi-Fi — Control your air conditioner wherever you are

Samsung's air conditioners with Smart Wi-Fi work around your schedule. You can operate them from your smartphone or computer. So, if you left your air conditioner on after leaving the house, use your smartphone to turn it off and help conserve energy. You can also turn on your air conditioner before you go home, so you arrive home to a perfectly cooled house. Enjoy the convenience of Smart Wi-Fi in the home as well: change modes, set the temperature and more, without getting up from the couch.



World Top Class Energy Efficiency

By avoiding energy wasting start up and shut down and with increased control technology, Samsung air conditioner helps you significantly reduce energy waste. Samsung's new air conditioner saves your money even when it's off. The improved control board uses miniscule amounts of energy when off, resulting in more savings than conventional air conditioners.



Save energy and maintain coolness — Smart Inverter

Samsung's air conditioners with Smart Inverter technology not only use less power than conventional models, they also earned one of the best Energy Efficiency Rating (EER) of 5.2. By using the compressor's full capacity, they quickly reach your desired temperature setting faster than non-inverter models. Plus our Smart Inverter air conditioners adjust fluctuations to both maintain a constant temperature and keep things quiet.

Turbo Cooling

Samsung's new air conditioner operates in its maximum speed in Turbo mode to quickly reach the set temperature. Cool down your space instantly with Samsung's Turbo Cooling technology.



Dehumidification

Samsung's new air conditioner would not allow your place stay damp and muggy. Samsung's new air conditioner is the most appropriate choice to remove excess moisture from your environment. No need to empty a water bucket for sure!



D' light Cool

Too much air conditioning is not only hazardous to your health, but also harmful to the environment since it wastes energy. Samsung's d' light cool system automatically checks the current humidity and temperature and adjusts for the most pleasant environment. Samsung's air conditioner uses the least amount of energy to maintain comfort levels so you and the environment stay healthy.



S-Plasma ion

Samsung's Virus Doctor System dramatically improves indoor air quality so your every breath is a pure, healthy one. It eliminates invisible, health-threatening biological contaminants such as viruses, bacteria and allergy-causing agents, protecting you from disease and everyday illnesses. Purifying over 19.16m³ of space, the Virus Doctor system not only blows a lot of fresh air into a home, it blows away the competition.

Full HD Filter

With Samsung's advanced Full High Density Filter, you can ensure your room is kept fresh and clean. The Full HD Filter offers improved filtration by removing even the smallest microscopic dust particles and transforming polluted air into clean energized air. Filter cleaning gets convenient, too. All you need to do is simply wash out the dirt with flowing water to clean the filter. Always keep your air clean and fresh with simple and easy care of the filter.



9 000 BTU

Performance

- 10.1m³/min Air Circulation (Max)
- 8,530Btu/hr. Capacity (Cooling)
- 10,919Btu/hr. Capacity (Heating)
- 3,378 ~ 11,260 Cooling Capacity
- 3,378 ~ 20,472 Heating Capacity
- 3.2kW Heating Capacity
- 2.5kW Cooling Capacity
- 2,150Kcal/hr. Cooling Capacity
- 2,752Kcal/hr. Heating Capacity
- 5.2W/W COP Heating Energy
- 17.8Btu/h W EER (Cooling) Energy Efficiency
- 5.2W/W EER Cooling Energy Efficiency
- 0.77l/hr. Moisture Removal
- 39 / 20dBA Noise Level (Indoor High / Low)
- 45dBA Noise Level (Outdoor High)

Technical Information

- 15m Max Piping Length
- 8m Max Piping Height
- R410A Refrigerant Type
- SVC Value: Liquid 6.35mm x 5m
- SVC Value: Gas 9.52mm x 5m

Electrical Data

- 2.4A Cooling Operating Current
- 3A Heating Operating Current
- 480W Power Consumption (Cooling)
- 620W Heating Power Consumption
- 1 / 220 - 240V / 50Hz Power Source1 / 220 - 240V / 50Hz Power Source

General Feature

- Wide Twin Blade available
- Auto Air Direction Control (Up / Down)
- Auto Air Direction Control (Left / Right)
- 4 / 3 Air Flow Control Step (Cool / Fan)
- Natural Breeze available
- S-Plasma Ion available
- 90 Full HD Filter
- Allergy Care available
- Auto Clean (Self Cleaning) available
- Smart Wi-Fi available
- Indoor Temp. Display available
- Remote Controller available
- Display On / Off available
- Beep On / Off available
- Real-Time Timer available
- Auto Changeover available
- Auto Restart available

- -10 - 46°C Low Ambient Cooling
- -15 - 24°C Low Ambient Heating
- Turbo Mode available
- D light Cool Mode available
- Good Sleep Mode available
- Smart Saver Mode available
- Dehumidification Mode available
- Auto Mode available
- Fan Mode available
- Quiet Mode available
- Twin BLDC Compressor Type
- Anti-Corrosion Fin available

Physical Specification

- 880 x 313 x 237mm Net Dimension (Indoor)
- 790 x 545 x 285mm Net Dimension (Outdoor)

12 000 BTU

Performance

- 11.2m³/min Air Circulation (Max)
- 11,942Btu/hr. Capacity (Cooling)
- 13,648Btu/hr. Capacity (Heating)
- 3,378 ~ 13,648 Cooling Capacity
- 3,378 ~ 22,519 Heating Capacity
- 4kW Heating Capacity
- 3.5kW Cooling Capacity
- 3,010Kcal/hr. Cooling Capacity
- 3,440Kcal/hr. Heating Capacity
- 4.5W/W COP Heating Energy
- 15.4Btu/h W EER (Cooling) Energy Efficiency
- 4.5W/W EER Cooling Energy Efficiency
- 1.29l/hr. Moisture Removal
- 41 / 20dBA Noise Level (Indoor High / Low)
- 45dBA Noise Level (Outdoor High)

Technical Information

- 15m Max Piping Length
- 8m Max Piping Height
- R410A Refrigerant Type
- SVC Value: Liquid 6.35mm x 5m
- SVC Value: Gas 9.52mm x 5m

Electrical Data

- 3.8A Cooling Operating Current
- 4.1A Heating Operating Current
- 780W Power Consumption (Cooling)
- 890W Heating Power Consumption
- 1 / 220 - 240V / 50Hz Power Source1 / 220 - 240V / 50Hz Power Source

General Feature

- Wide Twin Blade available
- Auto Air Direction Control (Up / Down)
- Auto Air Direction Control (Left / Right)
- 4 / 3 Air Flow Control Step (Cool / Fan)
- Natural Breeze available
- S-Plasma Ion available
- 90 Full HD Filter
- Allergy Care available
- Auto Clean (Self Cleaning) available
- Smart Wi-Fi available
- Indoor Temp. Display available
- Remote Controller available
- Display On / Off available
- Beep On / Off available
- Real-Time Timer available
- Auto Changeover available
- Auto Restart available
- -10 - 46°C Low Ambient Cooling
- -15 - 24°C Low Ambient Heating
- Turbo Mode available
- D light Cool Mode available
- Good Sleep Mode available

- Smart Saver Mode available
- Dehumidification Mode available
- Auto Mode available
- Fan Mode available
- Quiet Mode available
- Twin BLDC Compressor Type
- Anti-Corrosion Fin available

Physical Specification

- 880 x 313 x 237mm Net Dimension (Indoor)
- 790 x 545 x 285mm Net Dimension (Outdoor)

18 000 BTU

Performance

- 14.4m³/min Air Circulation (Max)
- 17,060Btu/hr. Capacity (Cooling)
- 20,472Btu/hr. Capacity (Heating)
- 5,459 ~ 20,472 Cooling Capacity
- 4,094 ~ 25,590 Heating Capacity
- 6kW Heating Capacity
- 5kW Cooling Capacity
- 4,300Kcal/hr. Cooling Capacity
- 5,160Kcal/hr. Heating Capacity
- 3.61W/W COP Heating Energy
- 11Btu/h W EER (Cooling) Energy Efficiency
- 3.21W/W EER Cooling Energy Efficiency
- 1.96l/hr. Moisture Removal
- 43 / 26dBA Noise Level (Indoor High / Low)
- 50dBA Noise Level (Outdoor High)

Technical Information

- 30m Max Piping Length
- 15m Max Piping Height
- R410A Refrigerant Type
- SVC Value: Liquid 6.35mm x 5m
- SVC Value: Gas 12.7mm x 5m

Electrical Data

- 7.4A Cooling Operating Current
- 7.7A Heating Operating Current
- 1,560W Power Consumption (Cooling)
- 1,660W Heating Power Consumption
- 1 / 220 - 240V / 50Hz Power Source1 / 220 - 240V / 50 Hz Power Source

General Feature

- Wide Twin Blade available
- Auto Air Direction Control (Up / Down)
- Auto Air Direction Control (Left / Right)
- 4 / 3 Air Flow Control Step (Cool / Fan)
- Natural Breeze available
- S-Plasma Ion available
- 90 Full HD Filter
- Allergy Care available
- Auto Clean (Self Cleaning) available
- Smart Wi-Fi available
- Indoor Temp. Display available
- Remote Controller available
- Display On / Off available
- Beep On / Off available
- Real-Time Timer available
- Auto Changeover available
- Auto Restart available
- -10 - 46°C Low Ambient Cooling
- -15 - 24°C Low Ambient Heating
- Turbo Mode available
- D light Cool Mode available
- Good Sleep Mode available
- Smart Saver Mode available
- Dehumidification Mode available

- Auto Mode available
- Fan Mode available
- Quiet Mode available
- Twin BLDC Compressor Type
- Anti-Corrosion Fin available

Physical Specification

- 880 x 313 x 237mm Net Dimension (Indoor)
- 790 x 545 x 285mm Net Dimension (Outdoor)