

Della 18K2VR-17S-JPB-I+O

DELLA 18000 BTU Energy Saving Mini Split Air Conditioner & Heater User Manual

Model: 18K2VR-17S-JPB-I+O

Brand: Della

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your DELLA 18000 BTU Energy Saving Mini Split Air Conditioner & Heater. Please read it thoroughly before using the unit and retain it for future reference.

2. SAFETY INFORMATION

Adherence to safety guidelines is crucial for preventing injury and damage. This appliance operates on 208-230V and requires professional installation due to its pre-charged R32 refrigerant system.

- **Professional Installation:** This system mandates professional installation. It is not a DIY mini split AC.
- **Refrigerant Handling:** The unit is filled with R32 refrigerant. Any alteration of line-set length requires adjusting freon levels, which must be performed by a qualified technician.
- **Electrical Safety:** Ensure the maximum fuse size of 15A is observed. All electrical connections must comply with local codes and regulations.
- **Proposition 65 Warning:** This product may expose you to chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

3. PRODUCT OVERVIEW

The DELLA 18000 BTU Mini Split system offers efficient cooling and heating for spaces up to 650 square feet. It features a 19 SEER2 rating and DC Inverter technology for up to 30% power savings. The unit operates quietly at 47 dBA.



Figure 3.1: DELLA 18000 BTU Mini Split Air Conditioner and Heater components, including indoor unit, outdoor unit, remote control, and app interface.

Key Features:

- **Energy Efficient:** 19 SEER2, ETL Listed, AHRI Certified, DC Inverter technology for up to 30% power savings.
- **Ample Coverage:** Cools and heats up to 650 sq.ft., operates in temperatures as low as 5°F (-15°C).
- **R32 Refrigerant:** Utilizes eco-friendly R32 refrigerant.
- **Smart Functions:** 4D air flow (up-down, left-right), I Feel mode, 24-hour timer, sleep mode, eco energy saving mode, multiple fan speeds, turbo function, heating, cooling, dry, and auto modes.
- **Quiet Operation:** Ultra silent at only 47 dBA.



COMPACT & POWERFUL AC FOR HOME & BUSINESS



POWERFUL HEATING

Up to 90°F



POWERFUL COOLING

Down to 60°F



INCREASED AIR QUALITY

Filtration & Dehumidifier



TURBO MODE FOR FASTEST

Cooling and Heating Times



ECO-FRIENDLY &

Energy Efficient



Figure 3.2: Overview of the unit's capabilities including powerful heating and cooling, improved air quality, turbo mode, and energy efficiency.

4. SETUP AND INSTALLATION

Installation of the DELLA Mini Split system requires specialized knowledge and tools. It is strongly recommended that installation be performed by a certified HVAC professional.

- **Line-set Vacuuming:** Line-set vacuuming is required during installation to ensure proper system function.
- **Refrigerant Adjustment:** Any alteration of line-set length requires adjusting freon levels. Consult a professional for this procedure.
- **Included Components:** The system includes a 9.84ft copper line (Standard size 1/4" & 1/2" outer dimension copper pipes) and a full installation kit. The length for the drain pipe is 78.7".

5. OPERATING INSTRUCTIONS

Your DELLA Mini Split system offers various modes and smart features for optimal comfort and energy efficiency.

Control Options:

- **Remote Control:** The unit comes with a dedicated remote control for easy adjustments.
- **Smartphone App (DELLA+):** Download the free DELLA+ app from the App Store or Google Play to control your device remotely.





WIFI READY OUT OF THE BOX

With the free DELLA+ app, your device can be easily controlled anytime, anywhere.

Figure 5.1: The DELLA+ app allows for convenient control of your unit from anywhere.

Smart Features:

- **I Feel Mode:** The unit senses room temperature at the remote control (instead of the indoor unit during cooling mode) and adjusts airflow and temperature for personalized comfort and energy savings.
- **4D Air Flow:** Adjusts air direction both up-down and left-right for even distribution.
- **Sleep Mode:** Provides quiet operation and smart temperature response for comfortable sleep.

SLEEP MODE

EXPERIENCE QUIET OPERATION AND SMART TEMPERATURE RESPONSE



Dream deeply knowing you'll never overheat or freeze while our Sleep Mode quietly operates throughout the night and adjusts the temperature accordingly.

Figure 5.2: Sleep Mode ensures quiet operation and adjusts temperature for optimal nighttime comfort.

- **Eco Energy Saving Mode:** Optimizes settings for reduced power consumption.
- **24 Hour Timer:** Program the unit to turn on or off at specific times.
- **Turbo Function:** Provides rapid cooling or heating when needed.
- **Smart Location (Geo-fencing):** DELLA+ uses geo-fence technology to automatically turn ON your AC as you go home and turn it OFF as you leave.



GOLD PLATED FIN TECHNOLOGY

- ✓ Increases your AC's durability & lifespan
- ✓ Prevents rust corrosion
- ✓ Accelerates the defrosting process
- ✓ Improves heat efficiency
- ✓ 100% eco-friendly & non-toxic

Figure 5.3: Smart Location feature automatically adjusts the unit based on your proximity to home.

- **Voice Control Compatibility:** Seamlessly integrates with voice controls like Google Assistant and Alexa.

6. MAINTENANCE

Regular maintenance ensures the longevity and efficiency of your DELLA Mini Split system.

Key Maintenance Features:

- **Gold Plated Fin Technology:** Increases durability and lifespan, prevents rust corrosion, accelerates defrosting, and improves heat efficiency. It is 100% eco-friendly and non-toxic.



SMART LOCATION

Della+ uses geo fence technology to automatically turn ON your AC as you go home and turn it OFF as you leave.

Figure 6.1: Gold Plated Fin Technology enhances the unit's resistance to corrosion and improves performance in various conditions.

- **PureClean Tech:** Stops dust buildup and defrosts your indoor unit, keeping your air fresher with advanced sterilization.

For detailed cleaning procedures and filter replacement, refer to the full user manual (PDF) available online.

7. TROUBLESHOOTING

If you encounter issues with your DELLA Mini Split system, consider the following general advice. For complex problems, contact customer support.

- **No Power:** Check the circuit breaker and ensure the unit is properly connected to the power source.
- **Insufficient Cooling/Heating:** Verify that the air filters are clean, there are no obstructions to airflow, and the desired temperature setting is appropriate. Ensure windows and doors are closed.
- **Unusual Noises:** Minor noises during operation are normal. If loud or persistent noises occur, contact support.
- **Error Codes:** If an error code appears on the display, consult the full user manual for specific meanings and solutions.

Do not attempt to repair the unit yourself. Always contact qualified service personnel for repairs.

8. SPECIFICATIONS

Detailed technical specifications for the DELLA 18000 BTU Mini Split Air Conditioner & Heater.

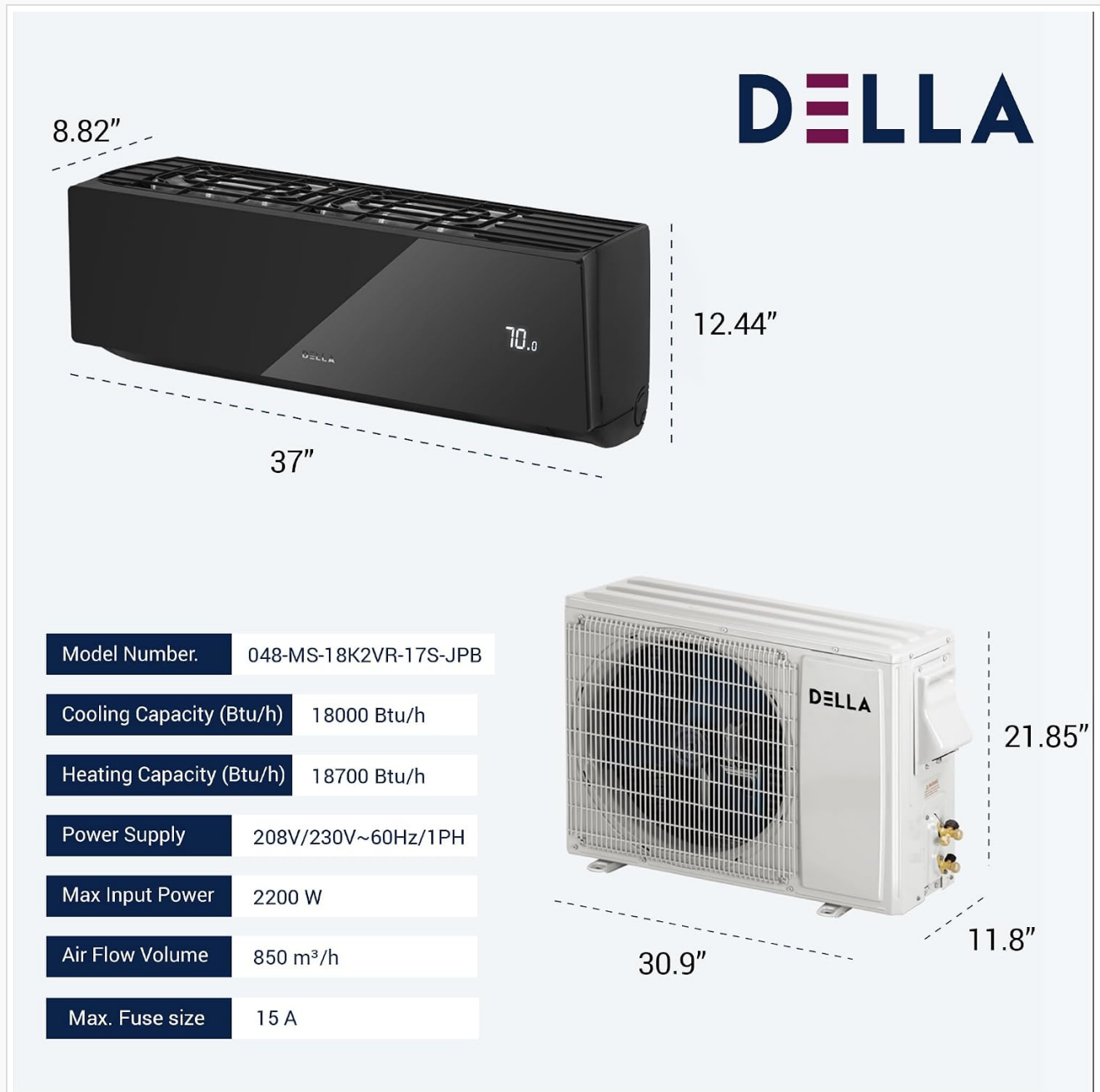


Figure 8.1: Dimensions of the indoor and outdoor units.

Specification	Value
Model Number	18K2VR-17S-JPB-I+O
Cooling Capacity	18000 BTU/h
Heating Capacity	18700 BTU/h
SEER2 Rating	19
Voltage	208-230 Volts

Specification	Value
Wattage	61416 watts
Max Input Power	2200 W
Max Fuse Size	15A
Coverage Area	Up to 650 sq.ft.
Sound Level	47 dB
Refrigerant Type	R32
Indoor Unit Dimensions (D x W x H)	12.44" x 37" x 8.82"
Outdoor Unit Dimensions (D x W x H)	11.8" x 30.9" x 21.85"
Item Weight	25.3 pounds
Color	Black

9. WARRANTY AND SUPPORT

DELLA is committed to providing excellent product support.

Warranty Information:

- The product comes with a **5-year warranty**.
- Enjoy **Lifetime Coverage** with best-in-class support and no additional costs.

Customer Support:

For any questions, technical assistance, or troubleshooting not covered in this manual, please contact DELLA customer support:

- **Phone Support:** Available 6 AM - 4 PM PST.
- **Live Chat:** Available 24/7 for immediate assistance.

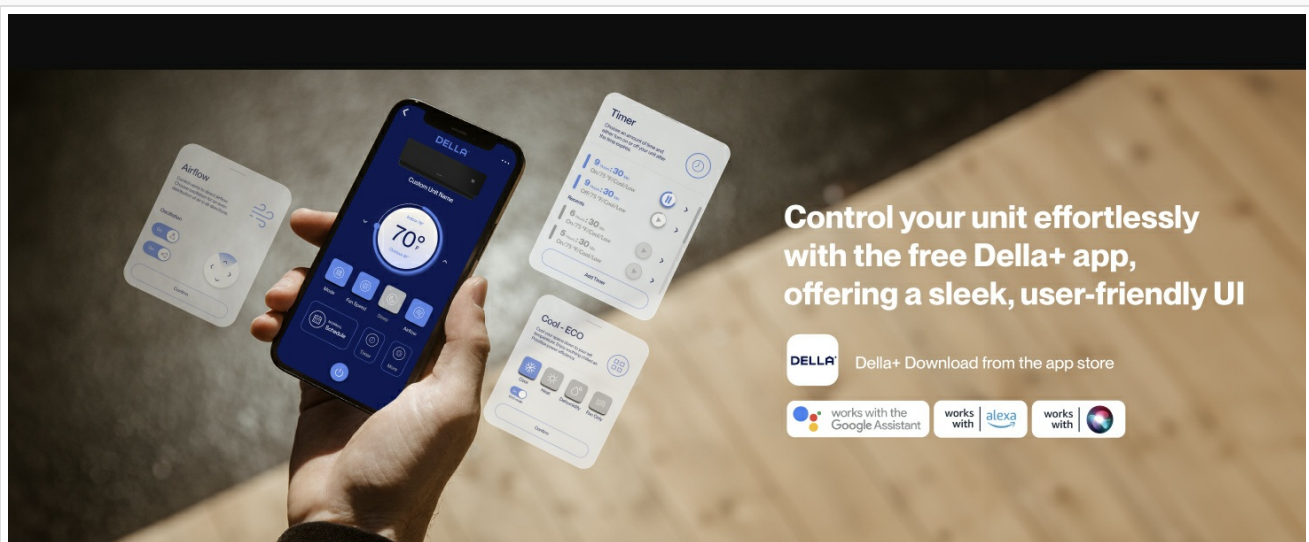


Figure 9.1: DELLA offers comprehensive lifetime coverage for your product.

