

# IDEAL COMFORT FOR EVERY HOME

As significant contributors to ideal home comfort, Carrier home comfort solutions are trusted to bring energy-efficient, quiet, consistent climate control to millions of people.



| PRODUCT SPECIFICATIONS     |                                      |                   |               |               |               |        |
|----------------------------|--------------------------------------|-------------------|---------------|---------------|---------------|--------|
| Rotary Compressor          |                                      | Cool Only         |               | Heat & Cool   |               |        |
| Unit Size                  |                                      | 18K               | 24K           | 18K           | 24K           |        |
| Model Number               |                                      | 51PSR183M-0HS     | 51PSR243M-0HS | 51PVR183M-0HS | 51PVR243M-0HS |        |
| Cooling                    | Cooling Capacity at T1 condition     | Btu/ hr           | 17,800        | 24,200        | 17,800        | 24,200 |
|                            | Input Current                        | Amps              | 8.0           | 11.8          | 8.0           | 11.8   |
|                            | Power Input                          | W                 | 1780          | 2674          | 1780          | 2674   |
|                            | EER                                  | Btu/ W-Hr         | 10.00         | 9.05          | 10.00         | 9.05   |
|                            | Cooling Capacity at T3 condition     | Btu/ hr           | 15,000        | 19,500        | 15,000        | 19,500 |
|                            | Input Current                        | Amps              | 9.5           | 14.0          | 9.5           | 14.0   |
|                            | Power Input                          | W                 | 2113          | 3095          | 2113          | 3095   |
|                            | EER                                  | Btu/ W-Hr         | 7.10          | 6.30          | 7.10          | 6.30   |
| Heating                    | Heating Capacity - (Electric Heater) | W                 | -             | -             | 3000          | 3000   |
|                            | Input Current                        | Amps              | -             | -             | 14.7          | 15.0   |
|                            | Power Input                          | W                 | -             | -             | 3300          | 3350   |
|                            | COP                                  | W/W               | -             | -             | 0.90          | 0.90   |
| GENERAL INFORMATION        |                                      |                   |               |               |               |        |
| Unit Size                  |                                      | 18K               | 24K           | 18K           | 24K           |        |
| Unit Type                  |                                      | Cool Only         |               | Heat & Cool   |               |        |
| Airflow (Hi / Med / Low)   | CFM                                  | 480/430/380       | 530/480/430   | 480/430/380   | 530/480/430   |        |
|                            | L/s                                  | 227/203/180       | 250/227/203   | 227/203/180   | 250/227/203   |        |
| Aprox. Net Weight (Rotary) | Kg                                   | 58                | 63            | 58            | 63            |        |
| Power Supply               | V-Ph- Hz                             | 230V - 1Ph - 60Hz |               |               |               |        |
| Unit Dimensions            | mm                                   | 660 x 433 x 755   |               |               |               |        |
| Refrigerant                | Type                                 | R-410a            |               |               |               |        |

**Notes:**

- T1 conditions: Indoor Air Temperatures 27°C (DB) / 19°C (WB) and Outdoor Air Temperatures 35°C (DB) / 24°C (WB)
- T3 conditions: Indoor Air Temperatures 29°C (DB) / 19°C (WB) and Outdoor Air Temperatures 46°C (DB) / 24°C (WB)

# WINDOW ROOM AIR CONDITIONING UNIT

51PS/PV

The ideal comfort technology with high ambient operation, 4-way air distribution system, 3-speed air control, drip free condenser, low noise levels and fresh air ventilation switch system.

