

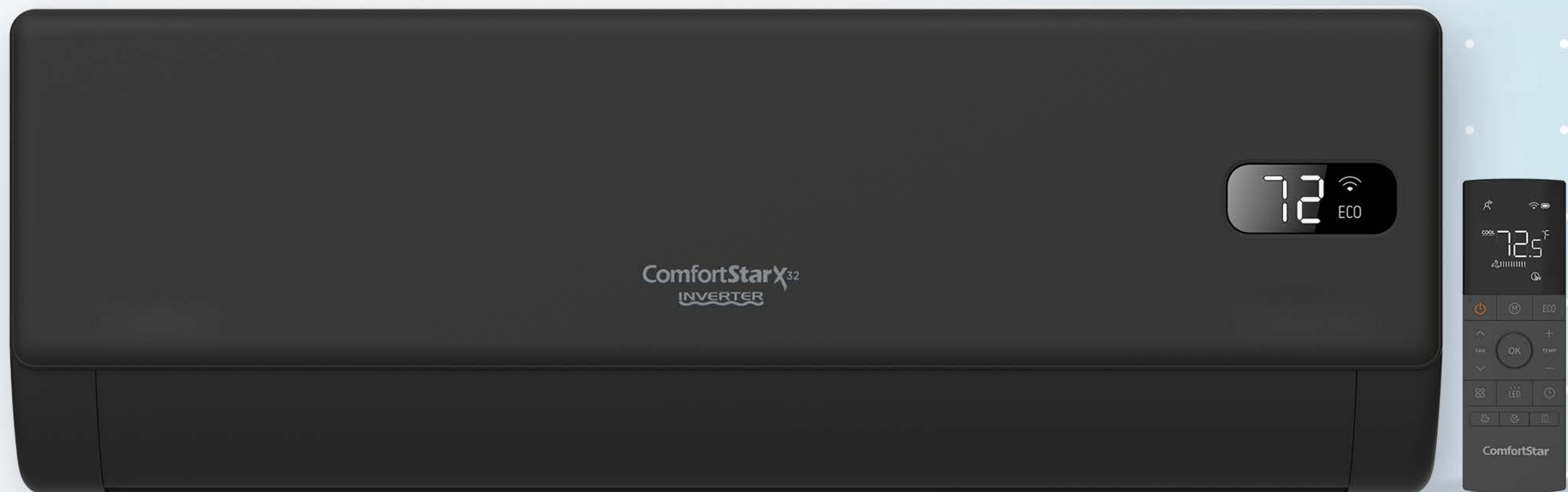
# ComfortStar®

Air Conditioning & Heating Products

## CARAT II SERIES

WiFi 

UP TO **20** SEER2



### INVERTER

HIGH EFFICIENCY COOLING  
DUCTLESS MINI SPLIT SYSTEMS



## "COMFORT REDEFINED, ELEGANCE PERFECTED"

#### FEATURES:

- Turbo Mode
- High Efficiency Tube
- Golden Fin
- Fireproof Electric Control Box
- Refrigerant Leakage Detection
- Smart Diagnosis
- ECO Mode
- Black Panel



*Comfort, it's in our name.*

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CARAT II  SERIES

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UP TO 20 SEER2

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INVERTER



| Indoor Unit                         |                              |         | CXX12CA(I)        | CXX12CD(I)        | CXX18CD(I)        | CXX24CD(I)        |
|-------------------------------------|------------------------------|---------|-------------------|-------------------|-------------------|-------------------|
| Outdoor Unit                        |                              |         | CXX12CA(O)        | CXX12CD(O)        | CXX18CD(O)        | CXX24CD(O)        |
| Power Supply                        |                              | V-Ph-Hz | 115V_1Ph,60HZ     | 220_230V_1Ph,60HZ | 220_230V_1Ph,60HZ | 220_230V_1Ph,60HZ |
| Cooling (Standard Conditions)       | Capacity                     | Btu/h   | 12000             | 12000             | 18000             | 22000             |
|                                     | Range                        |         | 2700 ~ 13300      | 2700 ~ 13300      | 4000 ~ 18500      | 4500 ~ 22500      |
|                                     | Current                      | A       | 13.8              | 5.6               | 7.8               | 9.3               |
|                                     | Range                        |         | 1.1 ~ 5.9         | 1.1 ~ 5.9         | 0.53 ~ 8.0        | 0.7 ~ 9.5         |
|                                     | SEER2                        | BTU/W   | 17                | 17                | 20                | 20                |
|                                     | EER                          | W/W     | 2.61              | 2.81              | 3.00              | 3.18              |
| Rated Current                       |                              | A       | 17.0              | 9.0               | 13.5              | 13.5              |
| Indoor Air Flow (Hi/Mi/Lo)          |                              | CFM     | 394/341/271       | 394/341/271       | 500/383/324       | 677/494/394       |
| Indoor Noise Level (Hi/Mi/Lo)       |                              | dB(A)   | 39.0/34.5/32.0    | 40.0/35.0/32.5    | 43.5/40.5/33      | 45/39.5/37.5      |
| Indoor Unit                         | Dimension (W*D*H)            | inch    | 32.01x7.91x11.38  | 32.01x7.91x11.38  | 38.39x8.58x12.13  | 41.54x9.09x12.99  |
|                                     | Packing (W*D*H)              | inch    | 34.25x10.63x14.17 | 34.25x10.63x14.17 | 40.75x11.61x14.96 | 44.49x15.94x12.2  |
|                                     | Net/Gross Weight             | lbs.    | 18.74/24.25       | 18.74/24.25       | 22.27/30.42       | 26.23/35.93       |
| Outdoor Air Flow                    |                              | CFM     | 765               | 765               | 1236              | 1413              |
| Outdoor Noise Level                 |                              | dB(A)   | 54.5              | 54.0              | 55.5              | 58                |
| Outdoor Unit                        | Dimension (W*D*H)            | inch    | 26.3x9.92x18.46   | 26.3x9.92x18.46   | 30.12x11.93x21.85 | 31.69x12.99x21.81 |
|                                     | Packing (W*D*H)              | inch    | 30.31x12.80x20.47 | 30.31x12.80x20.47 | 34.84x14.76x23.82 | 37.01x16.14x23.82 |
|                                     | Net/Gross Weight             | lbs.    | 40.34/48.06       | 37.92/45.86       | 49.38/57.54       | 59.96/70.77       |
| Refrigerant Type                    |                              | oz      | R32/13.4          | R32/13.4          | R32/23.6          | R32/26.46         |
| Design Pressure                     |                              | PSI     | 624/246           | 624/246           | 624/246           | 624/246           |
| Refrigerant Piping                  | Liquid Side/ Gas Side        | inch    | (1/4in)/(1/2in)   | (1/4in)/(1/2in)   | (1/4in)/(1/2in)   | (3/8in)/(5/8in)   |
|                                     | Max. Refrigerant Pipe Length | inch    | 984               | 984               | 1181              | 1181              |
|                                     | Max. Difference in Level     | inch    | 394               | 394               | 787               | 787               |
| Connection Wiring                   |                              |         | 16#x4             | 16#x4             | 16#x4             | 16#x4             |
| Plug Type                           |                              |         | no-plug           | no-plug           | no-plug           | no-plug           |
| Thermostat Type                     |                              |         | Remote Control    | Remote Control    | Remote Control    | Remote Control    |
| Operation Temperature               |                              | °F      | 63~86             | 63~86             | 63~86             | 63~86             |
| Indoor Temperature                  |                              | °F      | 63~90             | 63~90             | 63~90             | 63~90             |
| Outdoor Temperature                 |                              | °F      | 34~122            | 34~122            | 34~122            | 34~122            |
| Application Area (Cooling Standard) |                              | ft2     | 172.2~247.6       | 172.2~247.6       | 258.2~376.6       | 312.0/462.7       |
| Qty'per 20' /40' /40'HQ             |                              |         | 150/305/350       | 150/305/350       | 92/198/225        | 78/165/190        |

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www.airconditioning.org

R32+  
ECO FRIENDLY REFRIGERANT