

# SUBMITTAL DATA SHEET

**ComfortStar®**

## CFU12CD

Location: \_\_\_\_\_  
 Engineer: \_\_\_\_\_  
 Submitted to: \_\_\_\_\_  
 Submitted by: \_\_\_\_\_  
 Reference: \_\_\_\_\_

Approval: \_\_\_\_\_  
 Date: \_\_\_\_\_  
 Construction: \_\_\_\_\_  
 Unit #: \_\_\_\_\_  
 Drawing #: \_\_\_\_\_

### Set Model

Indoor unit model CFU12CD(I) (28Q)  
 Outdoor unit model CFU12CD(O) (28R)



### SYSTEM PERFORMANCE DATA

|                        |                     |
|------------------------|---------------------|
| Power supply           | 1Ph / 208-230V/60Hz |
| Capacity               | Btu/h 12000         |
| Input                  | W 1490              |
| Rated current          | A 6.9(0.9~8.5)      |
| EER                    | W/W 2.36            |
| EER2                   | Btu/W.h 8.05        |
| SEER2                  | Btu/W.h 16.00       |
| Max. input consumption | W 1650.00           |
| Max. current           | A 8.5               |

### INDOOR UNIT DATA

|                            |               |                    |
|----------------------------|---------------|--------------------|
| Indoor air flow (Hi/Mi/Lo) | m3/h          | 650/500/400        |
|                            | CFM           | 383/294/235        |
| Indoor Noise level         | dB(A)         | 39/37/34           |
| Indoor fan motor           | Model         | YYK19-4-60         |
|                            | Brand         | DONGFANG           |
|                            | Output(W)     | 19                 |
|                            | Capacitor(μF) | 1.5                |
|                            | Speed (r/min) | 1200/1150/1000/900 |
| Unit dimension             | mm            | 800X292X190        |
|                            | Inches        | 31.50X11.50X7.48   |
| Net weight                 | kg            | 7.5                |
|                            | Lbs.          | 16.45              |
| Packing dimensions         | mm            | 865X335X240        |
|                            | Inches        | 34.06X13.19X9.45   |
| Gross weight with pipe     | kg            | 8.6                |
|                            | Lbs.          | 18.9               |

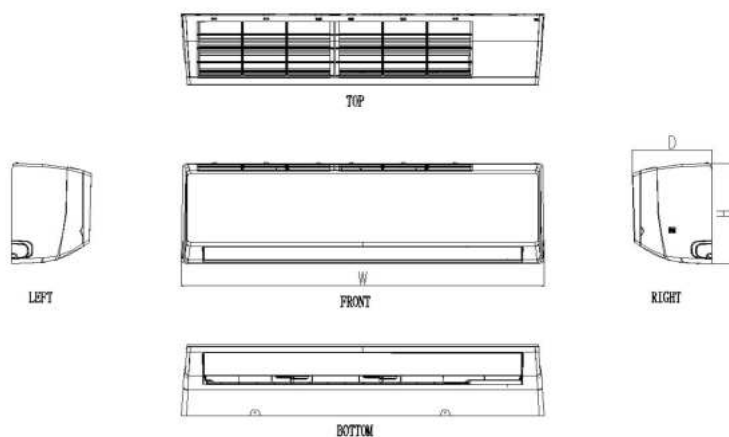
### REFRIGERANT PIPE DATA

|                              |                |            |
|------------------------------|----------------|------------|
| Refrigerant                  | g              | R410A/505  |
|                              | oz             | R410A/17.8 |
| Design pressure              | MPa            | 4.5        |
|                              | PSI            | 653        |
| Refrigerant pipe             | Gas(inches)    | 3/8"       |
|                              | Liquid(inches) | 1/4"       |
| Max. refrigerant pipe length | ft             | 33         |
| Max. difference in level     | ft             | 16.4       |
| Moisture Removal             | Liters/h       | 1.1        |
|                              | Pint/h         | 2.3        |

### OUTDOOR UNIT DATA

|                        |               |                   |
|------------------------|---------------|-------------------|
| Outdoor fan motor      | Model         | YDK25-6-60        |
|                        | Brand         | DONGFANG          |
|                        | Output(W)     | 25                |
|                        | Capacitor(μF) | 2.5               |
|                        | Speed (r/min) | 860±30            |
| Outdoor noise level    | dB(A)         | 49                |
| Unit dimension         | mm            | 740×302×550       |
|                        | Inches        | 29.13X11.89X21.65 |
| Net weight             | kg            | 21.6              |
|                        | Lbs.          | 47.51             |
| Packing dimensions     | mm            | 810X355X595       |
|                        | Inches        | 31.89X13.98X23.43 |
| Gross weight with pipe | kg            | 23.2              |
|                        | Lbs.          | 51.15             |

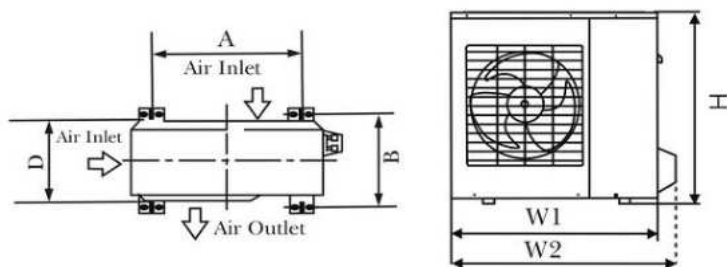
# Indoor unit dimension



(The figure is for reference only)

| Dimensions(inch) | W     | H    | D    |
|------------------|-------|------|------|
| CFU12CA(I)       | 31.5  | 11.5 | 7.48 |
| CFU12CD(I)       | 31.5  | 11.5 | 7.48 |
| CFU18CD(I)       | 33.46 | 11.5 | 7.48 |
| CFU24CD(I)       | 38.19 | 12.2 | 9.06 |

# Outdoor unit dimension



(The figure is for reference only)

| Dimensions(inch) | W     | H     | D     |
|------------------|-------|-------|-------|
| CFU12CA(O)       | 29.13 | 21.65 | 11.89 |
| CFU12CD(O)       | 29.13 | 21.65 | 11.89 |
| CFU18CD(O)       | 31.50 | 21.65 | 11.89 |
| CFU24CD(O)       | 33.86 | 23.50 | 14.88 |