

# SUBMITTAL DATA SHEET

**ComfortStar®**

## CH32-12CA

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

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

### Set Model

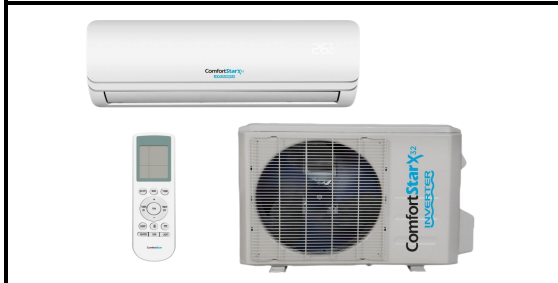
Indoor unit model CH32-12CA(I) (28E)  
 Outdoor unit model CH32-12CA(O) (28F)

### Certified

AHRI



ETL



## SYSTEM PERFORMANCE DATA

|                        |            |                    |
|------------------------|------------|--------------------|
| Power supply           |            | 1Ph / 115V/60Hz    |
| Rated cooling capacity | Btu/h      | 12000 (2700~13000) |
|                        | W          | 3500               |
| Rated current          | Cooling(A) | 10.7(1.3~13.9)     |
| Rated input            | Cooling(W) | 1230(150~1600)     |
| EER                    | Btu/W.h    | 2.84               |
| SEER2                  | Btu/W.h    | 17.0               |
| Rated Heating capacity | Btu/h      | 12000 (2700~13000) |
|                        | W          | 3500               |
| Rated current          | Heating(A) | 10.3(1.3~13.9)     |
| Rated input            | Heating(W) | 1180(150~1600)     |
| HSPF2                  | Btu/W.h    | 8.0                |
| COP                    | W/W        | 2.96               |
| Max. input consumption | W          | 1600               |
| Max. current           | A          | 13.9               |

## INDOOR UNIT DATA

|                               |        |                   |
|-------------------------------|--------|-------------------|
| Indoor air flow (Hi/Mi/Lo)    | m3/h   | 600/500/420       |
|                               | CFM    | 353/294/247       |
| Indoor Noise level (Hi/Mi/Lo) | dB(A)  | 42/40/38          |
| Dimensions (WxDxH)            | mm     | 765×305×200       |
|                               | Inches | 30.12x12.01x7.87  |
| Net weight                    | kg     | 6.5               |
|                               | Lbs.   | 14.33             |
| Packing dimensions            | mm     | 820×360×270       |
|                               | Inches | 32.28x14.17x10.63 |
| Gross weight                  | kg     | 7.5               |
|                               | Lbs.   | 16.53             |

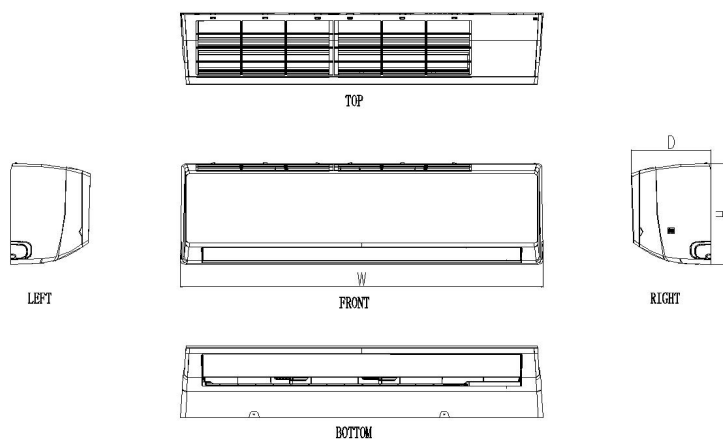
## REFRIGERANT PIPE DATA

|                              |                |           |
|------------------------------|----------------|-----------|
| Refrigerant                  | g              | R32/585   |
|                              | oz             | R32/20.64 |
| Moisture removal             | Liters/h       | 0.8       |
|                              | Pint/h         | 1.7       |
| Connecting Pipe              | Gas(inches)    | 3/8"      |
|                              | Liquid(inches) | 1/4"      |
| Max. refrigerant pipe length | m              | 10        |
|                              | ft             | 33        |
| Max. difference in level     | m              | 5         |
|                              | ft             | 16        |
| Application area             | m2             | 10~20     |
|                              | sq.ft          | 108~215   |

## OUTDOOR UNIT DATA

|                           |        |                   |
|---------------------------|--------|-------------------|
| Outdoor noise level       | dB(A)  | 52                |
| Dimensions (WxDxH)        | mm     | 700×302×510       |
|                           | Inches | 27.56x11.89x20.08 |
| Net weight                | kg     | 21.5              |
|                           | Lbs.   | 47.4              |
| Packing dimensions        | mm     | 765×345×550       |
| with pipe                 | Inches | 30.12x13.58x21.65 |
| Gross weight with 5m pipe | kg     | 24.5              |
|                           | Lbs.   | 54.01             |

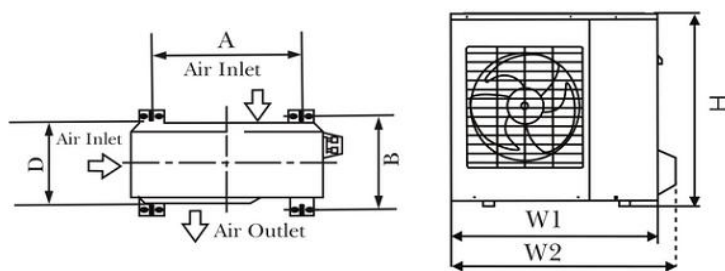
# Indoor unit dimension



(The figure is for reference only)

| Dimensions(inch) | W     | H     | D    |
|------------------|-------|-------|------|
| CH32-12CA(I)     | 30.12 | 12.01 | 7.87 |
| CH32-12CD(I)     | 30.12 | 12.01 | 7.87 |
| CH32-18CD(I)     | 38.19 | 12.20 | 9.06 |
| CH32-24CD(I)     | 40.55 | 13.15 | 9.13 |

# Outdoor unit dimension



(The figure is for reference only)

| Dimensions(inch) | W     | H     | D     |
|------------------|-------|-------|-------|
| CH32-12CA(O)     | 27.56 | 20.08 | 11.89 |
| CH32-12CD(O)     | 27.56 | 20.08 | 11.89 |
| CH32-18CD(O)     | 31.50 | 21.65 | 11.89 |
| CH32-24CD(O)     | 33.86 | 23.50 | 14.88 |