

# SUBMITTAL DATA SHEET

**ComfortStar®**

## CH32-18CD

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

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

### Set Model

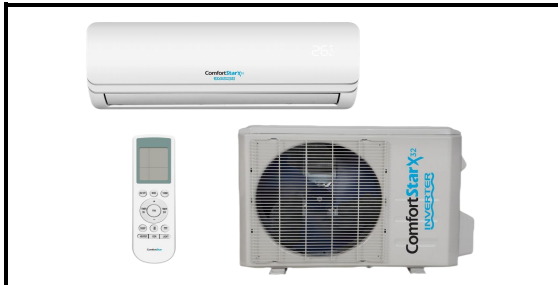
Indoor unit model CH32-18CD(I) (28J)  
 Outdoor unit model CH32-18CD(O) (28K)

### Certified

AHRI



ETL



## SYSTEM PERFORMANCE DATA

|                        |                             |
|------------------------|-----------------------------|
| Power supply           | 1Ph / 220-240V/60Hz         |
| Rated cooling capacity | Btu/h 18000 (2700~19000 )   |
|                        | W 5100                      |
| Rated current          | Cooling(A) 8.43(0.7~11.6)   |
| Rated input            | Cooling(W) 1800 (150~2500 ) |
| EER                    | Btu/W.h 2.83                |
| SEER2                  | Btu/W.h 17.0                |
| Rated Heating capacity | Btu/h 18000 (2700~19000 )   |
|                        | W 5100                      |
| Rated current          | Heating(A) 8.43(0.7~11.6)   |
| Rated input            | Heating(W) 1750 (150~2500 ) |
| HSPF2                  | Btu/W.h 8.0                 |
| COP                    | W/W 2.92                    |
| Max. input consumption | W 2500                      |
| Max. current           | A 11.6                      |

## INDOOR UNIT DATA

|                               |        |                 |
|-------------------------------|--------|-----------------|
| Indoor air flow (Hi/Mi/Lo)    | m3/h   | 1050/950/800    |
|                               | CFM    | 618/559/471     |
| Indoor Noise level (Hi/Mi/Lo) | dB(A)  | 49/47/45        |
| Dimensions (WxDxH )           | mm     | 970×310×230     |
|                               | Inches | 38.19×12.2×9.06 |
| Net weight                    | kg     | 12.5            |
|                               | Lbs.   | 27.56           |
| Packing dimensions            | mm     | 1035×380×310    |
|                               | Inches | 40.75×380×12.2  |
| Gross weight                  | kg     | 14.5            |
|                               | Lbs.   | 31.97           |

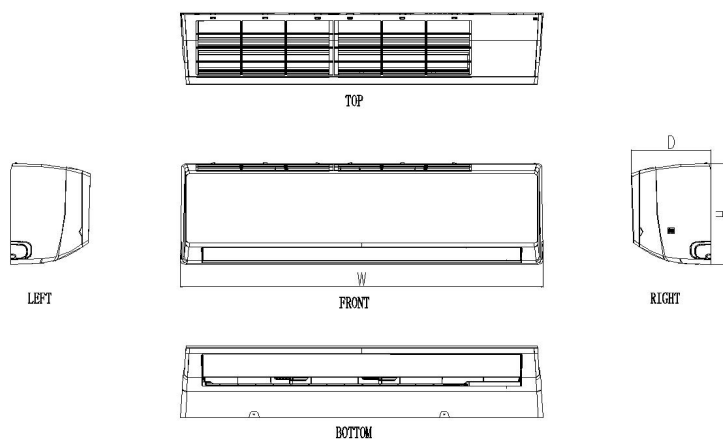
## REFRIGERANT PIPE DATA

|                              |                |           |
|------------------------------|----------------|-----------|
| Refrigerant                  | g              | R32/985   |
|                              | oz             | R32/34.74 |
| Moisture removal             | Liters/h       | 2.6       |
|                              | Pint/h         | 5.5       |
| Connecting Pipe              | Gas(inches)    | 1/2"      |
|                              | Liquid(inches) | 1/4"      |
| Max. refrigerant pipe length | m              | 10        |
|                              | ft             | 33        |
| Max. difference in level     | m              | 5         |
|                              | ft             | 16        |
| Application area             | m2             | 20~40     |
|                              | sq.ft          | 215~430   |

## OUTDOOR UNIT DATA

|                           |        |                   |
|---------------------------|--------|-------------------|
| Outdoor noise level       | dB(A)  | 55                |
| Dimensions (WxDxH )       | mm     | 800×302×550       |
|                           | Inches | 31.5×11.89×21.65  |
| Net weight                | kg     | 28.5              |
|                           | Lbs.   | 62.8              |
| Packing dimensions        | mm     | 870×355×595       |
| with pipe                 | Inches | 34.25×13.98×23.43 |
| Gross weight with 5m pipe | kg     | 31.5              |
|                           | Lbs.   | 69.45             |

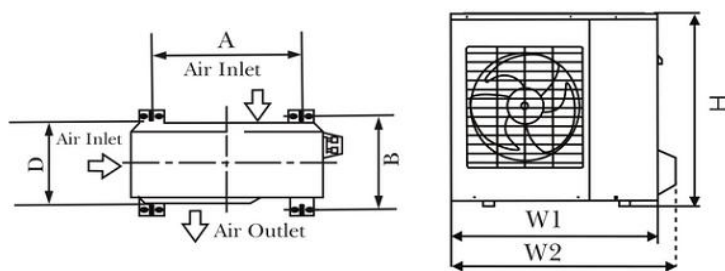
# Indoor unit dimension



(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 |