

SUBMITTAL DATA SHEET

ComfortStar®

CH32-36CD

| | |
|--|--|
| Location: _____ Engineer: _____ Submitted to: _____ Submitted by: _____ Reference: _____ | Approval: _____ Date: _____ Construction: _____ Unit #: _____ Drawing #: _____ |
|--|--|

Set Model
 Indoor unit model CH32-36CD(I) (21T)
 Outdoor unit model CC32-36CD(O) (21U)

Certified


AHRI


AHRI CERTIFIED


ETL


Intertek


SYSTEM PERFORMANCE DATA

| | | |
|-------------------------|------------|-------------------|
| Power supply | | 208-230V~/60Hz/1P |
| Rated cooling capacity | Btu/h | 36000 |
| Rated current | Cooling(A) | 15.2 |
| Rated input | Cooling(W) | 2350 |
| EER2 for cooling | Btu/W.h | 10 |
| SEER2 for cooling | Btu/W.h | 17 |
| Rated Heating capacity | Btu/h | 36000 |
| Rated current | Heating(A) | 13.9 |
| Rated input | Heating(W) | 1900 |
| HSPF2 Rating(Region IV) | Btu/W.h | 8.5 |
| HSPF2 Rating(Region V) | Btu/W.h | 7.5 |
| COP2 (47F/8.3C) | W/W | 3.2 |
| Max. Heating capacity | W/W | 21500 |
| COP2 (5F/-15C)v | W/W | 2 |
| Max. Current (T1) | A | 21 |
| Current Range | A | 2.7~18.5 |

INDOOR UNIT DATA

| | | |
|-------------------------------|--------|-----------------------|
| Indoor air circulation- | m3/h | 1500/1260/960/780/700 |
| Turbo/Hi/Mid/Lo/Mute | CFM | 883/742/565/459/412 |
| Indoor noise level at cooling | dB(A) | 55/52/46/41/39 |
| Dimensions (WxDxH) | mm | 1192×360×260 |
| | Inches | 46.93x14.17x10.23 |
| Net weight | kg | 17.5 |
| | Lbs. | 38.6 |
| Packing dimensions | mm | 1260×430×328 |
| | Inches | 49.60x16.92x12.91 |
| Gross weight | kg | 21.0 |
| | Lbs. | 46.3 |

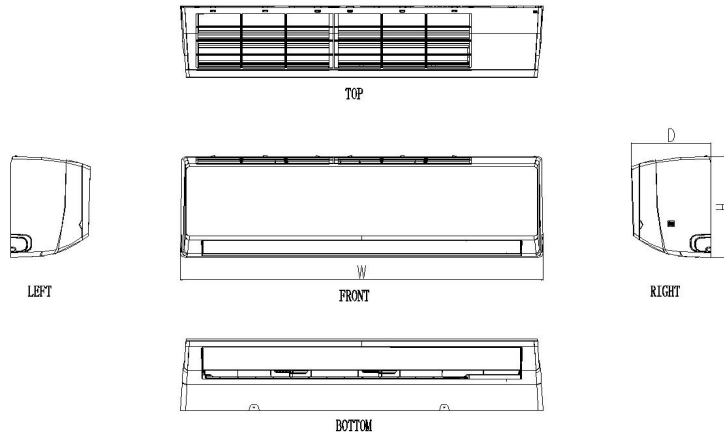
REFRIGERANT PIPE DATA

| | | |
|-------------------|--------------------|-----------|
| Refrigerant | g | R32/1590 |
| | oz | R32/56.10 |
| Moisture removal | Liters/h | 3.0 |
| | Pint/h | 6.34 |
| Connecting Pipe | Gas(inches) | 5/8" |
| | Liquid(inches) | 1/4" |
| Connecting Wiring | Size x Core number | 4×16AWG |
| Suitable area | m2 | 232 |
| | sq.ft | 2500 |

OUTDOOR UNIT DATA

| | | |
|---------------------|--------|-------------------|
| Outdoor noise level | dB(A) | 63 |
| Dimensions (WxDxH) | mm | 978×421×803 |
| | Inches | 38.50x16.57x31.61 |
| Net weight | kg | 48.0 |
| | Lbs. | 105.8 |
| Packing dimensions | mm | 1022×480×835 |
| with pipe | Inches | 40.23x18.89x32.87 |
| Gross weight | kg | 54.5 |
| with pipe | Lbs. | 120.2 |

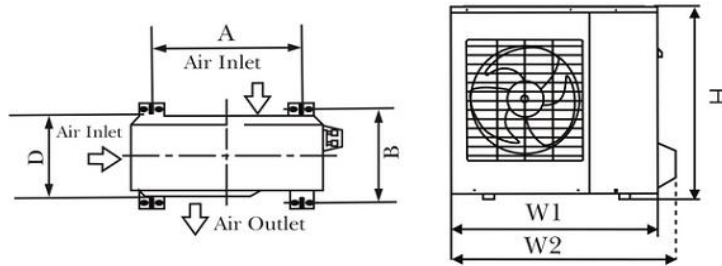
Indoor unit dimension



(The figure is for reference only)

| Dimensions(inch) | W | H | D |
|------------------|-------|-------|-------|
| CH32-12CA(I) | 30.59 | 9.84 | 7.91 |
| CH32-12CD(I) | 30.59 | 9.84 | 7.91 |
| CH32-18CD(I) | 35.82 | 11.57 | 8.11 |
| CH32-24CD(I) | 39.76 | 12.4 | 8.66 |
| CH32-36CD(I) | 46.93 | 14.17 | 10.23 |

Outdoor unit dimension



(The figure is for reference only)

| Dimensions (inch) | W | H | D |
|-------------------|-------|-------|-------|
| CH32-12CA(O) | 30.98 | 19.60 | 11.41 |
| CH32-12CD(O) | 30.98 | 19.60 | 11.41 |
| CH32-18CD(O) | 31.88 | 21.61 | 12.00 |
| CH32-24CD(O) | 33.97 | 23.70 | 13.74 |
| CH32-36CD(O) | 38.50 | 31.61 | 16.57 |