

SUBMITTAL DATA SHEET



| | |
|--------------------------|-------------------------------------------------------------|
| T1W18P/CHF18CD(O) | 18,000 BTU/H(208/230V) Wall Mounted Heat Pump System |
| Location: _____ | Approval: _____ |
| Engineer: _____ | Date: _____ |
| Submitted to: _____ | Construction: _____ |
| Submitted by: _____ | Unit #: _____ |
| Reference: _____ | Drawing #: _____ |

Set Code
 Indoor unit code
 Outdoor unit code

Set Model
 Indoor unit model: T1W18P
 Outdoor unit model: CHF18CD(O)

Certified

AHRI









SYSTEM PERFORMANCE DATA

| Power supply | | |
|----------------------------|-------------|---------------------|
| Normal Operational Voltage | (V, Ph, Hz) | 208/230V, 1Ph, 60Hz |
| Voltage Range | (V) | 187-253 |
| Electrical | | |
| Minimum circuit ampacity | (A) | 16.0 |
| Max.fuse | (A) | 25.0 |
| Connection wiring | | 14*4 AWG |
| Cooling | | |
| Rated Capacity | (Btu/h) | 16700(6100~17500) |
| Capacity Range | (Btu/h) | 16700(6100~17500) |
| Power Input | (W) | 1337(305~1880) |
| Rated current | (A) | 8.30(2.2~8.0) |
| SEER2 | (Btu/W) | 19.8 |
| EER2 | (Btu/W) | 12.5 |
| Heating | | |
| Rated Capacity | (Btu/h) | 20000(6450~21500) |
| Capacity Range | (Btu/h) | 20000(6450~21500) |
| Power Input | (W) | 2086(1000~2220) |
| Rated current | (A) | 12.3(4.5~9.5) |
| HSPF2-4 | (Btu/W) | 11.2 |
| HSPF2-5 | (Btu/W) | 8.5 |
| COP | W/W | 2.81 |
| Heat at 17F | (Btu/h) | 18800 |
| Heat at 5F | (Btu/h) | 18000 |
| COP at 5F | W/W | 1.8 |

REFRIGERANT PIPE DATA

| | | |
|--------------------------------|--------------|------------------|
| Throttle type | Indoor unit | N/A |
| | Outdoor unit | EXV |
| Design pressure | (PSIG) | 550/340 |
| Refrigerant Type | (Oz) | R410A/65.2ozs |
| Refrigerant precharge | (ft) | 25.0 |
| | (m) | 7.5 |
| Additional charge for each f | (oz/ft) | 0.16 |
| Additional charge for each r | (g/m) | 15.0 |
| Liquid side/ Gas side(indoor) | (inch) | 1/4" / 1/2" |
| | (mm) | 6.35/12.7 |
| Liquid side/ Gas side(outdoor) | (inch) | 1/4" / 1/2" |
| | (mm) | 6.35/12.7 |
| Max. pipe length | (ft) | 98.4 |
| | (m) | 30.0 |
| Max. difference in level | (ft) | 65.6 |
| | (m) | 20.0 |
| Connection method | | Flared |
| Indoor(cooling/heating) | (Deg. °F) | 60~90/32~86 |
| | (Deg. °C) | 16~32/0~30 |
| Outdoor(cooling/heating) | (Deg. °F) | -22~-122/ -22~75 |
| | (Deg. °C) | -30~-50/ -30~24 |

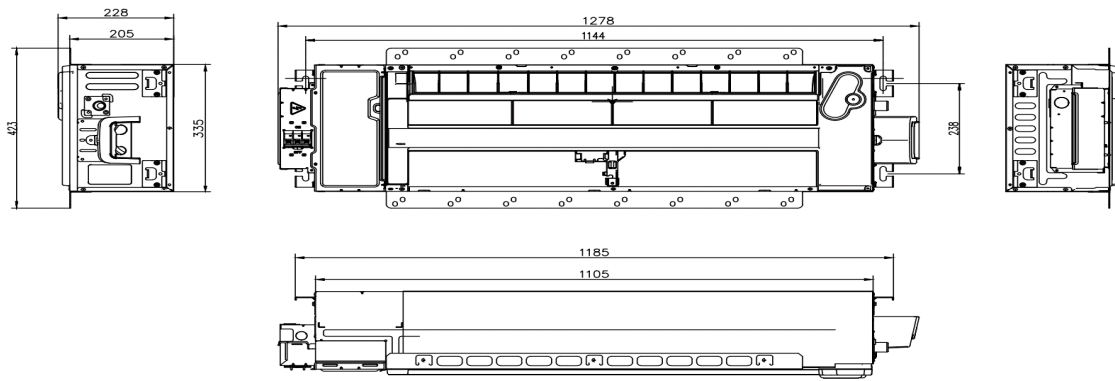
INDOOR UNIT DATA

| Indoor fan motor | | |
|------------------------------------|----------|----------------------|
| Type | | Centrifugal |
| Model | | ZKFN-30-8-43 |
| Qty | | 1 |
| Input | (W) | -- |
| Output | (W) | 30.0 |
| RLA | (A) | 1.5 |
| Speed(Hi/Mi/Lo) | (r/min) | 1344/1184/1024 |
| Air flow & Noise level | | |
| Indoor air flow (Hi/Med/Lo) (No du | (CFM) | 351.76/300.00/207.06 |
| Indoor noise level (Hi/Med/Lo) | [dB(A)] | 44/40.5/35 |
| Dehumidification | | |
| | (Pint/H) | |
| Indoor unit | | |
| Dimension (WxDxH) | (inch) | 50.31x13.19x8.98 |
| | (mm) | 1278x335x228 |
| Packing(WxDxH) | (inch) | 57.60x22.48x22.64 |
| | (mm) | 1463x571x575 |
| Net/Gross weight | (lbs.) | 45.19/82.89 |
| | (kg) | 20.5/37.6 |

OUTDOOR UNIT DATA

| Compressor | | |
|----------------------------|---------|--------------------|
| Type | | Twin-ROTARY |
| Model | | KTM240D43UKT |
| Brand | | GMCC |
| Capacity | (Btu/h) | 25931 |
| Input | (W) | 2045 |
| Rated current (RLA) | (A) | 14.25 |
| Refrigerant oil/oil charge | (ml) | ESTER OIL VG74 620 |
| Outdoor fan motor | | |
| Model | | ZKFN-80-8-3 |
| Qty | | 1 |
| Input | (W) | -- |
| Output | (W) | 80 |
| RLA | (A) | 0.76 |
| Speed | (r/min) | 810/720 |
| Air flow & Noise level | | |
| Outdoor air flow (Max.) | (CFM) | 1765 |
| Outdoor noise level | [dB(A)] | 3000 |
| Outdoor unit | | |
| Dimension (WxDxH) | (inch) | 35.04x13.46x26.50 |
| | (mm) | 890x342x673 |
| Packing (WxDxH) | (inch) | 39.17x15.67x29.13 |
| | (mm) | 995x398x740 |
| Net/ Gross weight | (lbs.) | 100.97/108.03 |
| | (kg) | 45.8/49 |

Indoor unit dimension



Outdoor unit dimension

