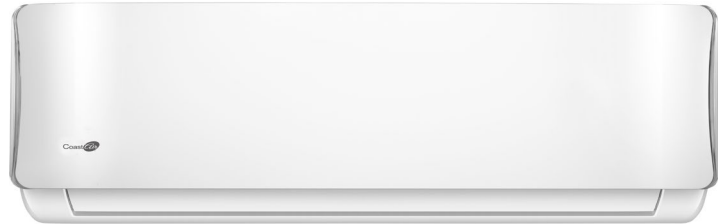




Submittal Data Sheet

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

| | |
|--------------------|-----------|
| Model | CAD18-1 |
| Indoor unit model | B-CAD18-1 |
| Outdoor unit model | A-CAD18-1 |



PERFORMANCE DATA

| | | |
|------------------------------|---------|-----------------------------|
| Power supply | Ph-V-Hz | 208-230V, 1Ph, 60Hz |
| Cooling | | |
| Capacity | Btu/h | 23000 |
| Input | W | 1840 |
| Rated current | A | 8 |
| EER | Btu/w | 12.5 |
| SEER | Btu/w | 20 |
| Heating at 47 | | |
| Capacity | Btu/h | 25000 |
| Input | W | 2460 |
| Rated current | A | 10.7 |
| COP | W/W | 2.98 |
| HSPF4 | | 10 |
| HSPF5 | | 8.3 |
| Electrical | | |
| MINIMUM CIRCUIT AMPACITY | A | 15.0 |
| MAX. FUSE | A | 20.0 |
| Connection wiring | | 14*4 AWG |
| Compressor | | |
| Model | | KSN140D21UFZ |
| Type | | ROTARY |
| Brand | | GMCC |
| Capacity | Btu/h | 14962 |
| Input | W | 1140 |
| Rated current(RLA) | A | 10 |
| Locked rotor Amp(LRA) | A | --- |
| Thermal protector | | --- |
| Thermal protector position | | --- |
| Refrigerant oil/oil charge | ml | ESTER OIL VG74 440ml |
| SYSTEM DATA | | |
| Design pressure | PSIG | 550/340 |
| Refrigerant type | oz | R410A/68.8 |
| Refrigerant precharge | ft | 25 |
| Additional charge per ft. | oz | 0.161 |
| Liquid side/Gas side | mm(in) | 6.35mm(1/4in)/12.7mm(1/2in) |
| Max. refrigerant pipe length | ft | 98 |
| Max. difference in level | ft. | 66 |

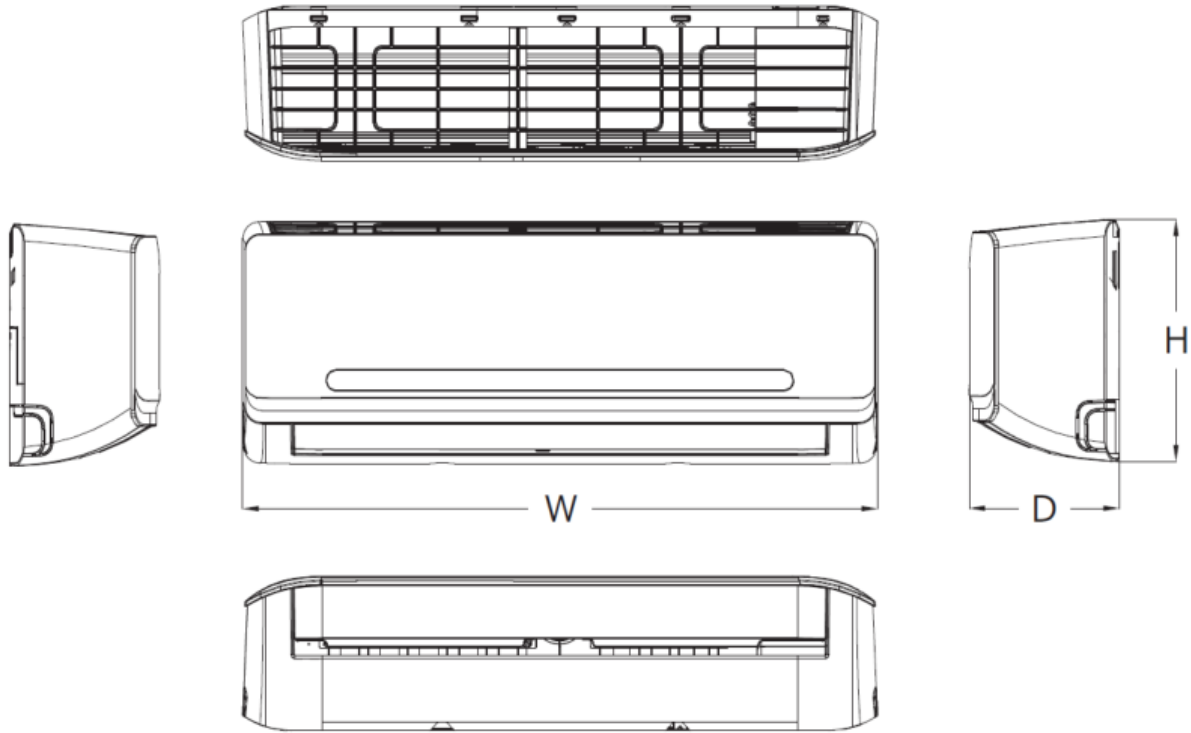
INDOOR UNIT DATA

| | | |
|-----------------------------------|-------|----------------------|
| Indoor fan motor | | |
| Model | | ZKFP-58-8-1-5 |
| Brand | | ---- |
| Input | | 58.0 |
| RLA | A | 0.4 |
| LRA | A | - |
| Winding Resistance | Ω | - |
| Capacitor | uF | - |
| Speed(Hi/Mi/Lo) | r/min | 1000/800/700 |
| Air flow & Noise level | | |
| Indoor air flow (Hi/Lo) | CFM | 510.00/382.94/320.00 |
| Indoor noise level (Hi/Lo) | dB(A) | 45/37.5/31 |
| Indoor unit | | |
| Dimension(W*D*H) | inch | 42.52x8.90x13.19 |
| Packing (W*D*H) | inch | 49.02x19.49x15.75 |
| Net/Gross weight | lbs. | 30.20/54.01 |

OUTDOOR UNIT DATA

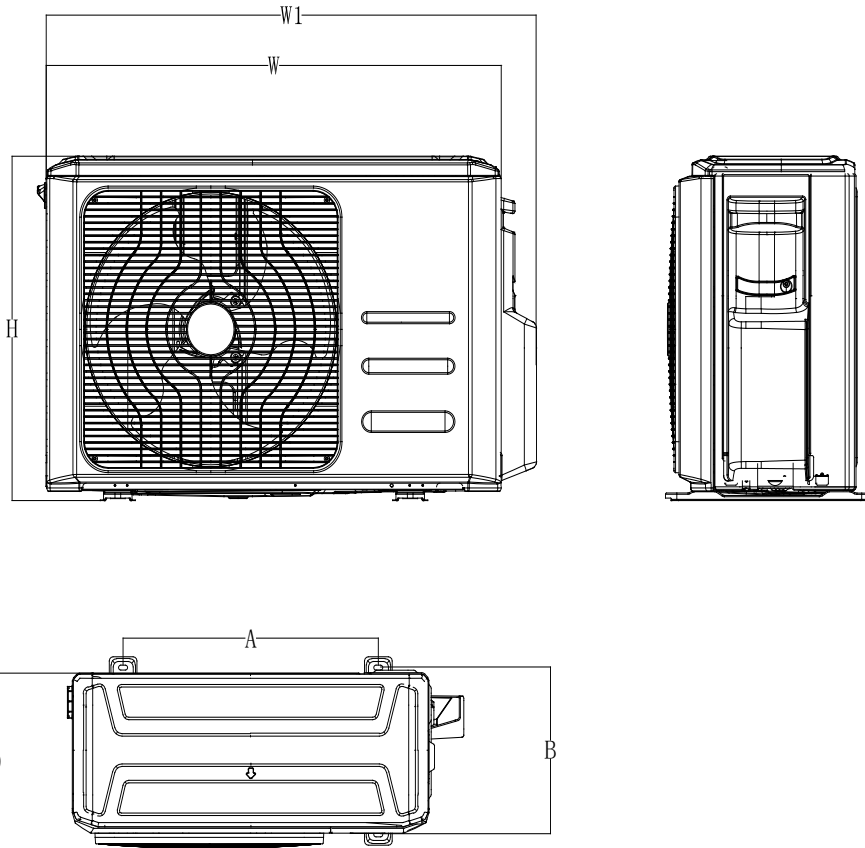
| | | |
|-----------------------------------|--------|-------------------|
| Outdoor fan motor | | |
| Model | | ZKFN-50-8-2-3 |
| Brand | | - |
| Input | | 50 |
| RLA | A | 0.6 |
| LRA | A | - |
| Winding Resistance | Ω | - |
| Capacitor | uF | - |
| Speed | r/min | 850/750/700 |
| Air flow & Noise level | | |
| Outdoor air flow | CFM | 1470.59 |
| Outdoor noise level | dB(A) | 58.5 |
| Outdoor unit | | |
| Dimension(W*D*H) | inch | 33.27x14.29x27.64 |
| Packing(W*D*H) | inch | 38.78x17.32x31.50 |
| Net/Gross weight | lbs. | 98.77/122.36 |
| Operation temperature | | |
| Indoor(cooling/heating) | Deg. F | 62~90/32~86 |
| Outdoor(cooling/heating) | Deg. F | 5~122/5~86 |
| Application area | sq.ft | 251-368 |

INDOOR UNIT



| Model | W (inch) | D (inch) | H (inch) |
|-----------|----------|----------|----------|
| B-CAD18-1 | 42.52 | 8.90 | 13.19 |

OUTDOOR UNIT



| Model | W (inch) | D (inch) | H (inch) | W1 (inch) | A (inch) | B (inch) |
|-----------|----------|----------|----------|-----------|----------|----------|
| A-CAD18-1 | 33.27 | 14.29 | 27.64 | 35.98 | 21.26 | 13.78 |