

# SUBMITTAL DATA SHEET

## Heat Pump System

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

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

|                  |  |
|------------------|--|
| <b>Set Code</b>  | 22020330000142   |
| <b>Set Model</b> | 32AC09CD35   |
| <b>Certified</b> | AHRI <br>UL  |



### Performance data

|              |         |                     |
|--------------|---------|---------------------|
| Power supply | V-Ph-Hz | 208/230V, 1Ph, 60Hz |
| Capacity     | Btu/h   | 9200/9000           |
| EER          | W/W     | 11.3                |
| Input        | W       | 790/780             |
| Current      | A       | 4.3/4.9             |

### Indoor side fan motor

|                      |       |                |
|----------------------|-------|----------------|
| Model                |       | ZKFP-25-8-157L |
| Cooling Speed(hi/lo) |       | 1110/930       |
| Heating Speed(hi/lo) | r/min | 1110/1020      |
| Insulation class     |       | B              |
| Waterproofing class  |       | IP20           |

### Heating(PTC)

|               |       |            |
|---------------|-------|------------|
| Capacity      | Btu/h | 10900/8900 |
| Input(Heater) | W     | 3500/2897  |
| Current       | A     | 15.3/13.7  |

### Outdoor side fan motor

|                  |       |               |
|------------------|-------|---------------|
| Model            |       | YKT-37-4-203L |
| Input            | W     | 71            |
| Capacitor        | uF    | 3             |
| Speed(hi/lo)     | r/min | 1365          |
| Capacitor class  |       | S3            |
| Insulation class |       | B             |

### Heating(PTC) optional 2500W

|               |       |           |
|---------------|-------|-----------|
| Capacity      | Btu/h | 7800/6300 |
| Input(Heater) | W     | 2580/2150 |
| Current       | A     | 11.3/10.3 |

**Heating(Heat pump)(Standard conditions)**

|          |       |   |
|----------|-------|---|
| Capacity | Btu/h | / |
| Input    | W     | / |
| Current  | A     | / |
| COP      | W/W   | 0 |

**Electrical**

|                                 |   |             |
|---------------------------------|---|-------------|
| Starting current                | A | 33.9        |
| Starting current optional 2500W | A | 45.9        |
| Plug type                       |   | LCDI(6-20P) |
| Plug type optional 2500W        |   | LCDI(6-15P) |

**Compressor**

|                            |    |                  |
|----------------------------|----|------------------|
| Model                      |    | KSN71N11VDZ1     |
| Type                       |    | ROTARY           |
| Brand                      |    | GMCC             |
| Capacity                   | W  | 2560/2525        |
| Input                      | W  | 630/626          |
| Rated current              | A  | 2.98/2.72        |
| Locked rotor Amp(LRA)      | A  | 17               |
| Thermal protector          |    | UP3-A0L/HPA-318L |
| Thermal protector position |    | INTERNAL         |
| Capacitor                  | uF | 20               |
| Refrigerant oil/oil charge | ml | VG68 190         |

**Air flow and noise level**

|                                    |       |           |
|------------------------------------|-------|-----------|
| Indoor side air flow(Hi/Mi/Lo)     | m3/h  | 731/0/582 |
| Indoor side noise level (Hi/Mi/Lo) | dB(A) | 50/0/49.5 |
| Outdoor side noise level(Hi)       | dB(A) | 63        |

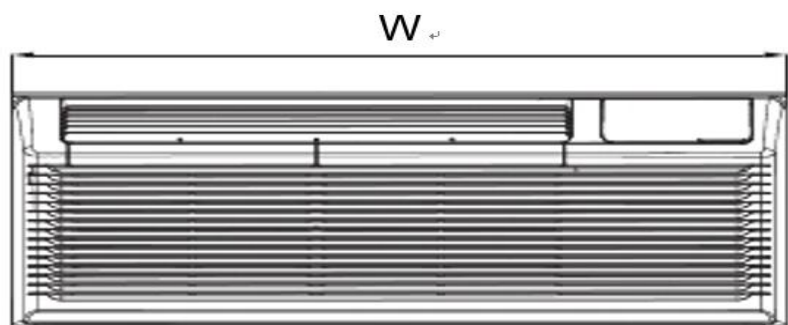
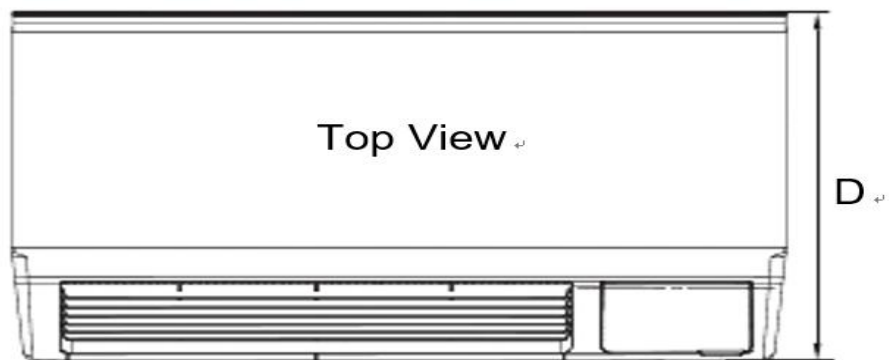
**System data**

|                                    |                  |         |
|------------------------------------|------------------|---------|
| Refrigerant type (R32)             | Refrigerant type | R32     |
|                                    | kg               | 0.43    |
|                                    | oz(1kg=35.274oz) | 15.17   |
| Design pressure(145psi=1MPa )(L/H) | psi              | 300/580 |

**Dimension and Weight**

|                  |    |                   |
|------------------|----|-------------------|
| Dimension(W*D*H) | mm | 1067x532x406      |
|                  | in | 42.01x20.94x15.98 |
| Packing (W*D*H)  | mm | 1130x625x490      |
|                  | in | 44.49x24.61x19.29 |
| Net/Gross weight | kg | 44/48             |
|                  | lb | 97.00/105.82      |

Unit dimension



## Dimension 1 (no sleeve, no rear grille, no rear net)

| Model                               | W(inch) | D(inch) | H(inch) |
|-------------------------------------|---------|---------|---------|
| 32AC07CD35                          | 42      | 20.9    | 15.9    |
| 32HP07CD35                          | 42      | 20.9    | 15.9    |
| 32AC09CD35(KSN66)                   | 42      | 20.9    | 15.9    |
| 32HP09CD35(KSN71)                   | 42      | 20.9    | 15.9    |
| 32AC09CD35(KSN71)                   | 42      | 20.9    | 15.9    |
| 32HP09CD35(KSN82)                   | 42      | 20.9    | 15.9    |
| 32HP09SD35                          | 42      | 20.9    | 15.9    |
| 32AC12CD35(cooling input:1030,1010) | 42      | 20.9    | 15.9    |
| 32HP12CD35(cooling input:1030,1010) | 42      | 20.9    | 15.9    |
| 32AC12CD35(cooling input:1080,1060) | 42      | 20.9    | 15.9    |
| 32HP12CD35(cooling input:1040,1020) | 42      | 20.9    | 15.9    |
| 32HP12SD35                          | 42      | 20.9    | 15.9    |
| 32AC15CD35                          | 42      | 20.9    | 15.9    |
| 32HP15CD35                          | 42      | 20.9    | 15.9    |

## Dimension 1 (include sleeve, rear grille, and rear net)

| Model                               | W(inch) | D(inch) | H(inch) |
|-------------------------------------|---------|---------|---------|
| 32AC07CD35                          | 42      | 23.9    | 16      |
| 32HP07CD35                          | 42      | 23.9    | 16      |
| 32AC09CD35(KSN66)                   | 42      | 23.9    | 16      |
| 32HP09CD35(KSN71)                   | 42      | 23.9    | 16      |
| 32AC09CD35(KSN71)                   | 42      | 23.9    | 16      |
| 32HP09CD35(KSN82)                   | 42      | 23.9    | 16      |
| 32HP09SD35                          | 42      | 23.9    | 16      |
| 32AC12CD35(cooling input:1030,1010) | 42      | 23.9    | 16      |
| 32HP12CD35(cooling input:1030,1010) | 42      | 23.9    | 16      |
| 32AC12CD35(cooling input:1080,1060) | 42      | 23.9    | 16      |
| 32HP12CD35(cooling input:1040,1020) | 42      | 23.9    | 16      |
| 32HP12SD35                          | 42      | 23.9    | 16      |
| 32AC15CD35                          | 42      | 23.9    | 16      |
| 32HP15CD35                          | 42      | 23.9    | 16      |