



Submittal-Charmo 9K 115V Minisplit

| | | | |
|-----------|--|-----------------|--|
| Job name: | | Submitted by: | |
| Location: | | Submitted to: | |
| Engineer: | | Unit tag: | |
| Date: | | Drawing number: | |

Warranty information
 Standard 7 years parts & compressor
 Registered 12 years parts & compressor
 Terms and conditions apply

Type
 Energy Star Heat Pump
 Cold Climate Energy Star Heat Pump

Model numbers
 Indoor: KW09HQ19CAI
 Outdoor: KW09HQ19CAO

Capacity range



| Output (BTU/H) | Minimum | Rated | Max | Certification | | |
|----------------|---------|-------|-------|---------------|-------------|--|
| Cooling: | 2700 | 9100 | 11600 | AHRI NO. | Energy Star | |
| Heating: | 2400 | 10000 | 13300 | 217903550 | 4,514,297. | |

| Heating performance | | | | Efficiency Ratings | |
|---------------------|---------|-------|-------|--------------------|------|
| Output (BTU/H) | Minimum | Rated | Max | SEER2 | |
| 47F (8.3C) | 2400 | 10000 | 12000 | HSPF2 | 20.5 |
| 17F (-8.3C) | 2000 | 10600 | 10600 | EER (W/W) | 8.8 |
| 5F (-15C) | 1600 | 7600 | 7600 | COP (W/W) | 3.5 |
| | | | | | 3.65 |

| Outdoor temperature range | | | Electrical | |
|---------------------------|---------|---------|-----------------|---------------|
| Cooling: | -18-48C | 0-118F | Power supply | 115V/60Hz/1Ph |
| Heating: | -25-24C | -13-75F | Min/Max voltage | 103-126Vac |

| Condenser specifications | | MCA | 19A |
|--------------------------|------------------|----------------------|----------|
| Connecting type | Screw Connection | MOP | 20A |
| Liquid line size | 1/4in (6mm) | Power Supply Wire | 12/3 AWG |
| Gas line size | 3/8in (9.52mm) | Interconnecting Wire | 14/4 AWG |

| pre-charge length | | Features: | |
|---|---------------|----------------------------|--|
| pre-charge length | 24.6ft (7.5M) | Capillary Expansion | |
| MIN. Refrigerant Pipe Length | 10 ft (3M) | Rotary compressor | |
| MAX. Refrigerant Pipe Length | 100 ft (30M) | Basepan heater | |
| MAX. Vertical Height difference (total) | 60 ft (20M) | Compressor electric heater | |
| Refrigerant Type | R-32 | | |

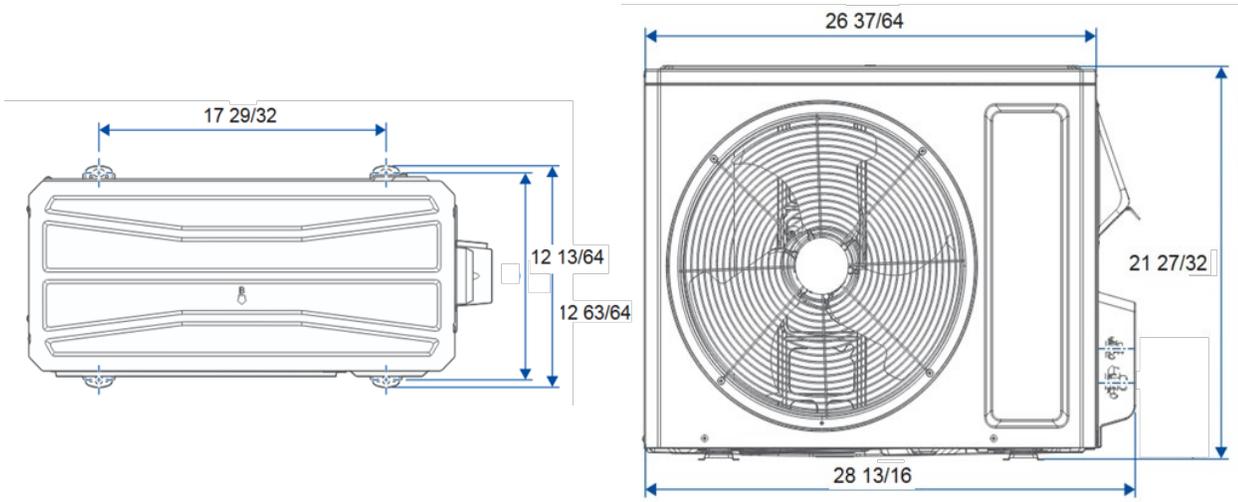
| Factory Charge | | Weight | |
|----------------------|-----------|---------------|------------------|
| Factory Charge | 18.7 oz | Gross weight: | 60.6Lbs (27.5Kg) |
| Additional Charge | 0.2 oz/ft | Net weight: | 55.1Lbs (25Kg) |
| Sound Pressure Level | 51dB (A) | | |

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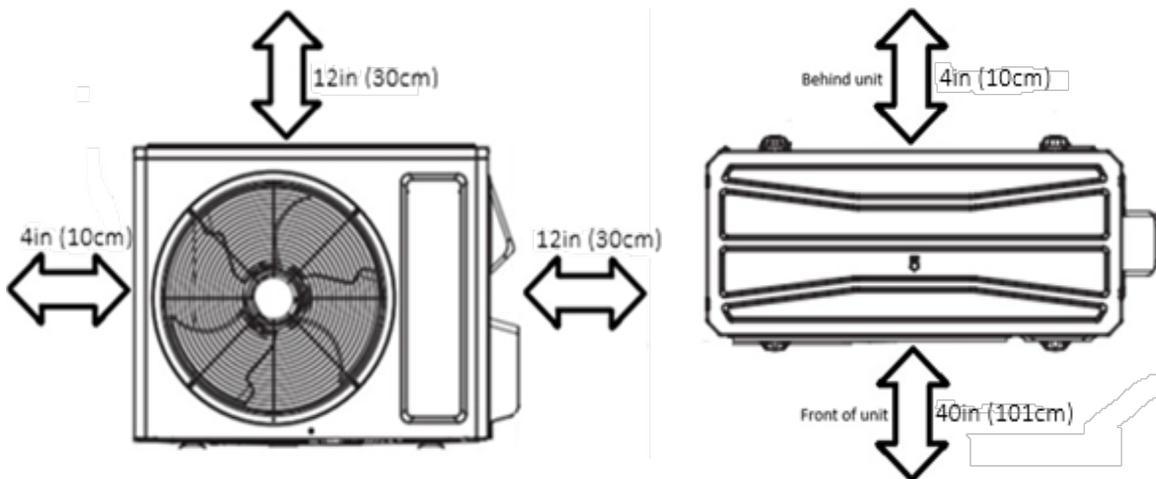


Outdoor unit Dimensions

KW09HQ19CAO



Minimum outdoor unit clearances



Unit must be placed a minimum 18in (45cm) above any surfaces to allow for snow clearance and defrost runoff.

Please follow local best practices and guidelines.

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Indoor unit specifications

KW09HQ19CAI

| Air flow volume | | | dB (A) |
|-----------------|---------|----------|--------|
| Turbo | 353 CFM | 600 m3/h | 43 |
| High | 282 CFM | 480 m3/h | 38 |
| Med-high | 265 CFM | 450 m3/h | 37 |
| Medium | 230 CFM | 390 m3/h | 34 |
| Med-low | 212 CFM | 360 m3/h | 32 |
| Low | 194 CFM | 330 m3/h | 31 |
| Sleep | 159 CFM | 270 m3/h | 24 |

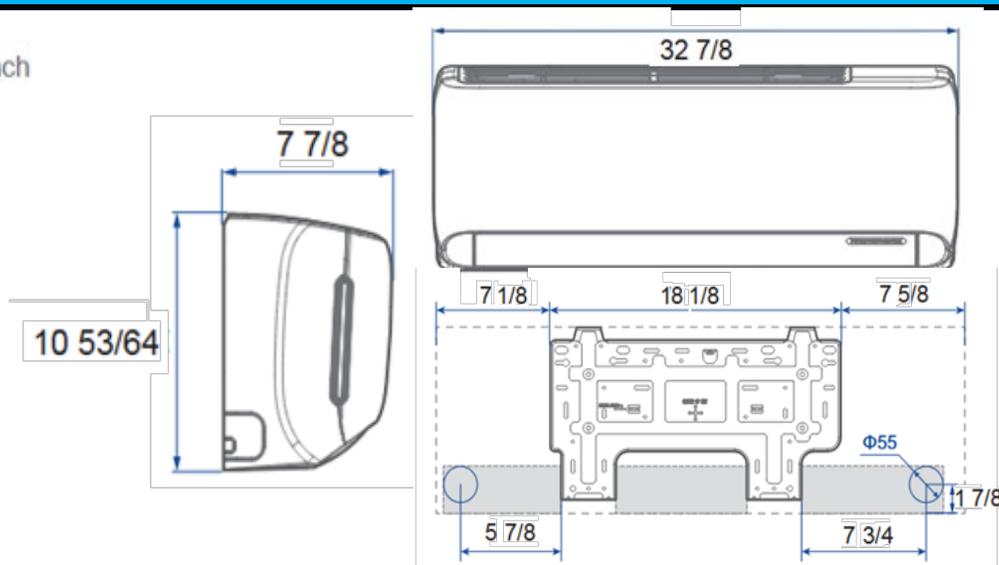
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|---------------------------------|-------------------------|---------------|----------|
| Net weight: | 20.9 Lbs | Gross weight: | 24.3 Lbs |
| | 9 Kg | | 11.5 Kg |
| Included: | Infrared remote YBE1FBF | | |
| Dehumidification level: | 1.69 pt/hr | | |
| Optional Accessories | | | |
| 24V interlock wired controller: | XE71-00/E | | |
| Wired controller: | XE71-44G | | |
| Embedded wired controller: | XE74-44E | | |
| Embedded WIFI wired controller | XE72-44E | | |

Included Features

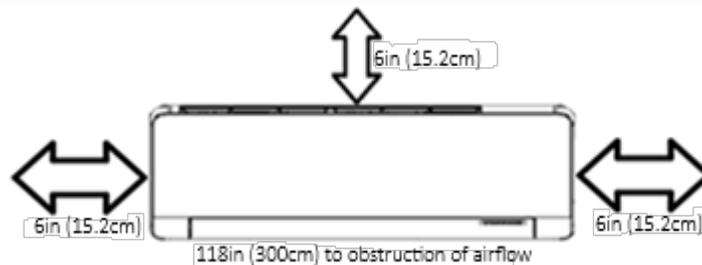
| | | | | | | |
|---------------|------------|--------|------------|----------------|------------|---------------------|
| WI-FI control | 8C heating | I-feel | Self clean | Forced defrost | Soft start | Low voltage startup |
|---------------|------------|--------|------------|----------------|------------|---------------------|

Indoor unit Dimensions

Unit: inch



Minimum indoor unit clearances



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