



## Submittal-60K-UltraniXX

|           |  |                 |  |
|-----------|--|-----------------|--|
| 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 ☐

Cold Climate Energy Star ☒

### Model numbers

Indoor: KD60UXI


Outdoor: KU60UXO

### Capacity range



R32



| Output (BTU/H)                    |         | Minimum | Rated            | Max   | Certification              |                    |   |
|-----------------------------------|---------|---------|------------------|-------|----------------------------|--------------------|---|
| Cooling:                          |         | 35000   | 53000            | 55000 | AHRI NO.                   | Energy Star        |  |
| Heating:                          |         | 35000   | 54000            | 54000 | 217194947                  | 4,011,420.         |   |
| Heating performance               |         |         |                  |       | Efficiency Ratings         |                    |   |
| Output (BTU/H)                    |         | Minimum | Rated            | Max   | SEER2                      | 18.5               |   |
| 47F (8.3C)                        |         | 16000   | 54000            | 54400 | HSPF2                      | 10.5               |   |
| 17F (-8.3C)                       |         | 10000   | 45000            | 47300 | EER2                       | 11.7               |   |
| 5F (-15C)                         |         | 19400   | 54000            | 54000 | COP                        | 3.4                |   |
| Outdoor temperature range         |         |         |                  |       | Electrical                 |                    |   |
| Cooling:                          | -15-54C |         | 5-129F           |       | Power supply               | 208-230V/60Hz/1Ph  |   |
| Heating:                          | -30-24C |         | -22-75F          |       | Min/Max voltage            | 187-253Vac         |   |
| Condenser specifications          |         |         |                  |       | MCA                        | 39A                |   |
| Connecting type                   |         |         | Screw Connection |       | MOP                        | 45A                |   |
| Pre-charge length                 |         |         | 25ft (7.5M)      |       | Power Supply Wire          | 8/2 AWG            |   |
| MIN. Refrigerant Pipe Length      |         |         | 10 ft (3M)       |       | Interconnecting Wire       | 18/6AWG or 18/2AWG |   |
| Liquid Pipe Size                  |         |         | 3/8in (9.52mm)   |       | Features                   |                    |   |
| Gas Pipe Size                     |         |         | 3/4in (19mm)     |       | Electronic expansion valve |                    |   |
| Max Height Between Indoor/Outdoor |         |         | 50ft (15M)       |       | Rotary compressor          |                    |   |
| Max. Pipe Length                  |         |         | 100ft (30M)      |       | Basepan heater             |                    |   |
| Refrigerant Type                  |         |         | R-32             |       | Compressor electric heater |                    |   |
| Factory Charge                    |         |         | 162oz            |       | Weight                     |                    |   |
| Additional Charge                 |         |         | 0.3 oz/ft        |       | Gross weight:              | 263.5Lbs (119.5Kg) |   |
| Sound Pressure Level              |         |         | 63dB (A)         |       | Net weight:                | 241.4Lbs (109.5Kg) |   |

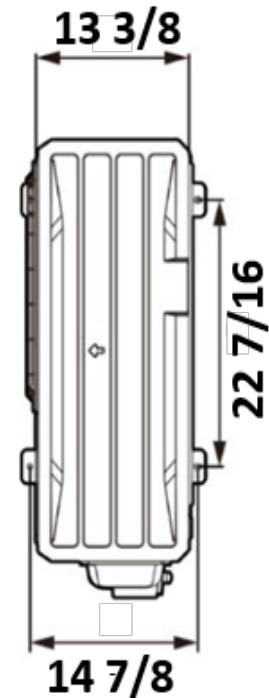
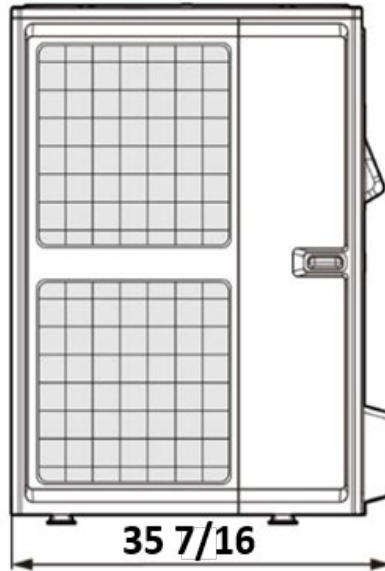
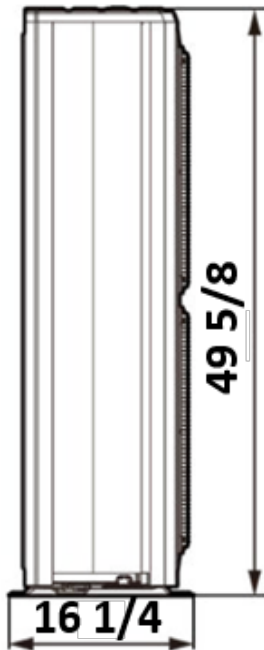
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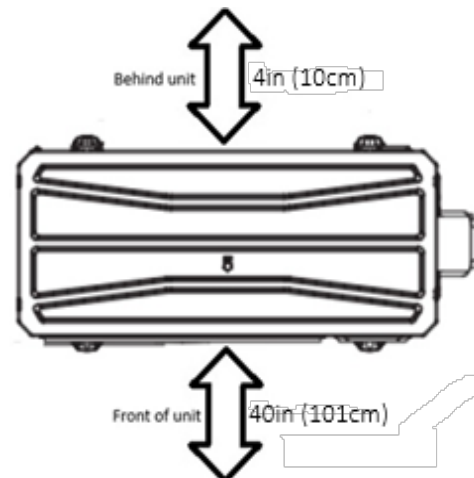
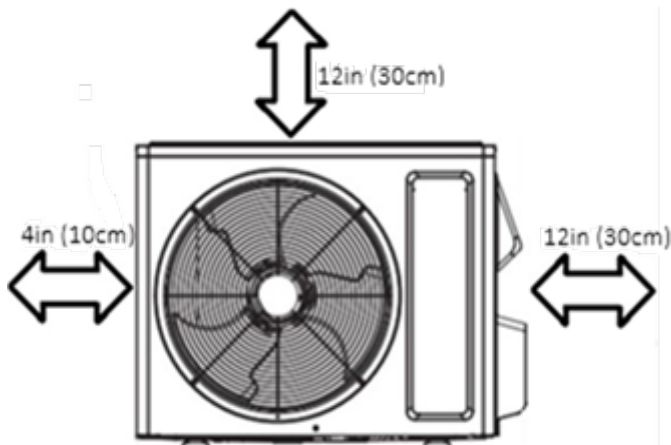
## Outdoor unit Dimensions

KU60UXO

Unit: Inch



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 specifics

KD60UXI

Unit: Inch



| Technical Specifications   |                    |
|--|--------------------|
| Power Supply   | 208-230V/60Hz/1Ph  |
| Sound pressure level   | 54dB(A)            |
| MCA  | 7.7A               |
| MOC  | 15A                |
| Dehumidification   | 9.56 pt/hr         |
| Net weight   | 199.5 lbs (90.5Kg) |
| Gross Weight   | 218 Lbs (99Kg)     |
| Drain Pipe Outlet  | SCH 40 3/4         |
| *When there is no Electrical Heater installed<br>There is no supplied Electrical breaker |                    |
| *If Electrical Heater is installed<br>it will supply power to air handler                |                    |

| Optional Smart thermostat    | Electric Heater kits available |    |           |             |           |           |
|------------------------------|--------------------------------|----|-----------|-------------|-----------|-----------|
| WK-010WC01 and WK-010WD1     | Model number                   | KW | MCA 240V  | MCA 208V    | MOC 240V  | MOC 208V  |
| * Metal mesh filter included | ECOHTRN10KW                    | 10 | 52A       | 45A         | 60A       | 45A       |
| 20 5/8 x 20 5/16 x 1/2       | ECOHTRN15KW                    | 15 | 52A & 26A | 45A & 22.6A | 60A & 30A | 45A & 25A |
| Fan Performance              | ECOHTRN20KW                    | 20 | 52A & 52A | 45A & 45A   | 60A & 60A | 45A & 45A |

| Level        | Static pressure:inwg (Pa) |             |              |             |             |              |              |              |              |              |              |            |
|--------------|---------------------------|-------------|--------------|-------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|
|              | 0<br>(0)                  | 0.1<br>(25) | 0.15<br>(37) | 0.2<br>(50) | 0.3<br>(75) | 0.4<br>(100) | 0.5<br>(125) | 0.6<br>(150) | 0.7<br>(175) | 0.8<br>(200) | 0.9<br>(225) | 1<br>(250) |
| Speed 1(CFM) | 1850                      | 1720        | 1650         | 1600        | -           | -            | -            | -            | -            | -            | -            | -          |
| Speed 2(CFM) | 1920                      | 1800        | 1730         | 1650        | 1480        | -            | -            | -            | -            | -            | -            | -          |
| Speed 3(CFM) | 2110                      | 2000        | 1950         | 1860        | 1760        | 1640         | 1500         | -            | -            | -            | -            | -          |
| Speed 4(CFM) | 2300                      | 2260        | 2230         | 2200        | 2150        | 2115         | 2050         | 1990         | 1920         | 1790         | 1650         | 1470       |
| Speed 5(CFM) | 2320                      | 2280        | 2250         | 2230        | 2190        | 2140         | 2080         | 2040         | 2000         | 1950         | 1920         | 1890       |

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