



TECHNICAL SPECIFICATIONS

| Klimairst Model Number | | | KIWE12H1-31X KOIE12H1-31X | KIWE12H2-31X KOIE12H2-31X | KIWE18H2-31X KOIE18H2-31X | KIWE24H2-31X KOIE24H2-31X | KIWE36H2-31X KOIE36H2-31X | |
|---|----------------------------------|-------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------|
| Type | | | Cooling & Heating | Cooling & Heating | Cooling & Heating | Cooling & Heating | Cooling & Heating | |
| Control Type | | | Wireless Remote | Wireless Remote | Wireless Remote | Wireless Remote | Wireless Remote | |
| Power supply | | | 115V / 60Hz / 1ph | 208-230V/60Hz/1ph | 208-230V/60Hz/1ph | 208-230V/60Hz/1ph | 208-230V/60Hz/1ph | |
| Cooling (95° F / 35° C) | Rated Capacity | Btu/h | 11500 | 11500 | 17000 | 23000 | 35000 | |
| | Capacity Range | Btu/h | 2050-12000 | 2050-12000 | 4095-17700 | 5120-24500 | 7500-36000 | |
| | EER2 | Btu/W.h | 9.5 | 9.5 | 9.5 | 9.5 | 9.5 | |
| | SEER2 | Btu/W.h | 17 | 17 | 17 | 17 | 17 | |
| Heating (47° F / 8.3° C) | Rated Capacity | Btu/h | 11500 | 11500 | 16500 | 22400 | 35400 | |
| | Rated Capacity @ 17° F / -8.3° C | Btu/h | 6800 | 6800 | 10000 | 13500 | 20400 | |
| | Capacity Range | Btu/h | 2050-12500 | 2050-12500 | 4095-17700 | 5120-24500 | 7500-36000 | |
| | HSPF2 (Region IV) | Btu/W.h | 9.5 | 8.3 | 8.5 | 9.5 | 8.5 | |
| | HSPF2 (Region V) | Btu/W.h | 8.1 | 7.1 | 7.2 | 8.5 | 7.5 | |
| | COP2 | W/W | 3.3 | 3.2 | 3.2 | 3.3 | 3.2 | |
| | Maximum Capacity @ 5° F / -15° C | W/W | 8000 | 7000 | 9500 | 12000 | 18000 | |
| | COP2 (5° F / -15° C) | W/W | 1.9 | 1.75 | 1.8 | 1.8 | 1.8 | |
| Rated Input Consumption | Cooling | W | 1180 | 1170 | 1770 | 2365 | 3350 | |
| | Heating | W | 1005 | 1100 | 1440 | 1900 | 3000 | |
| Rated Current | Cooling | A | 10.4 | 5.1 | 7.7 | 10.3 | 14.6 | |
| | Heating | A | 8.8 | 4.8 | 6.3 | 8.4 | 13.2 | |
| Certifications | NEEP, Canada | | NO | NO | NO | NO | NO | |
| | Energy Star | | NO | NO | NO | NO | NO | |
| | Quebec | | NO | NO | NO | NO | NO | |
| | Nova Scotia | | NO | NO | NO | NO | NO | |
| Minimum Circuit Ampacity - MCA | | A | 17 | 11 | 12 | 17 | 23 | |
| Maximum Fuse Size | | A | 25 | 15 | 20 | 25 | 35 | |
| Moisture Removal | | l/h | 1.3 | 1.3 | 1.6 | 2.4 | 3 | |
| | | oz/min | 0.733 | 0.733 | 0.902 | 1.352 | 1.691 | |
| Maximum Operation Pressure | | MPa | 5 | 5 | 5 | 5 | 5 | |
| Indoor Noise Level at Cooling Turbo/High/Med./Low/Mute | | dB(A) | 43/40/36/33/29 | 45/42/39/35/33 | 49/45/40/34/32 | 50/48/46/40/37 | 55/52/46/41/39 | |
| Outdoor Noise Level | | dB(A) | 53 | 55 | 57 | 56 | 63 | |
| Connecting Pipe | Gas | in | 3/8" | 3/8" | 3/8" | 1/2" | 5/8" | |
| | Liquid | in | 1/4" | 1/4" | 1/4" | 1/4" | 1/4" | |
| Connecting Wiring | Size x Core Number | AWG | 4x16AWG | 4x16AWG | 4x16AWG | 4x16AWG | 4x16AWG | |
| Power Cord | Core Number | AWG | 14AWG | 14AWG | 14AWG | 14AWG | 12AWG | |
| Suitable Area | | sq.ft | Up to 480 | Up to 480 | Up to 720 | Up to 960 | Up to 1,400 | |
| Indoor Air Circulation - Turbo/Hi/Mid/Lo/Mute | | m ³ /h | 470/450/410/380/350 | 500/450/400/350/270 | 700/620/500/400/355 | 1150/1070/860/700/600 | 1500/1260/960/780/700 | |
| | | cfm | 276/265/241/224/206 | 294/264/235/206/159 | 412/364/294/235/208 | 676/629/505/412/352 | 882/741/564/458/411 | |
| Refrigerant Gas | | Type | R32 | R32 | R32 | R32 | R32 | |
| | | g | 500 | 500 | 670 | 1040 | 1590 | |
| | | oz | 17.63 | 17.63 | 23.63 | 36.68 | 56.08 | |
| | | mm | 777x250x201 | 777x250x201 | 910x294x206 | 1010x315x220 | 1191x360x258 | |
| Net dimensions (W x D x H) | | Indoor | in | 30.59x9.84x7.91 | 30.59x9.84x7.91 | 35.83x11.57x8.11 | 39.76x12.4x8.66 | 46.89x14.17x10.16 |
| | | | mm | 787x290x498 | 787x290x498 | 910x305x549 | 1010x315x602 | 1191x421x803 |
| | | Outdoor | in | 30.98x11.42x19.61 | 30.98x11.42x19.61 | 31.89x12.01x21.61 | 33.98x13.74x23.7 | 38.5x16.57x31.61 |
| | | | mm | 787x290x498 | 787x290x498 | 810x305x549 | 863x349x602 | 978x421x803 |
| | | Indoor | kg | 7.5 | 7.5 | 9.5 | 12 | 17.5 |
| | | | lb | 16.5 | 16.5 | 20.9 | 26.5 | 38.6 |
| Outdoor | kg | 23 | 23 | 26.0 | 32.0 | 48.0 | | |
| | lb | 50.7 | 50.7 | 57.3 | 70.5 | 105.8 | | |
| Indoor Packing Dimensions (W x D x H) | | mm | 840x315x260 | 840x315x260 | 979x372x277 | 1096x390x297 | 1260x430x328 | |
| Outdoor Packing Dimensions (W x D x H) (w/ super package & pipe) | | in | 33-1/16" x 12-3/8" x 10-1/4" | 33-1/16" x 12-3/8" x 10-1/4" | 38-1/2" x 14-5/8" x 10-7/8" | 43-1/8" x 15-3/8" x 11-3/4" | 49-5/8" x 16-7/8" x 12-7/8" | |
| | | mm | 838x338x580 | 838x338x580 | 854x360x636 | 900x405x685 | 1021x479x835 | |
| Gross Weight (w/ 5 m / 17 ft pipe) | Outdoor | kg | 27.5 | 27.5 | 30.5 | 37.0 | 54.5 | |
| | | lb | 60.6 | 60.6 | 67.2 | 81.6 | 120.2 | |
| Gross Weight (w/ super package & pipe) | Outdoor | kg | 28 | 28 | 31 | 37.5 | 51.6 | |
| | | lb | 61.73 | 61.73 | 68.34 | 82.67 | 113.5 | |
| Factory Precharge Line | | (m / ft) | 7.5 / 25 | 7.5 / 25 | 7.5 / 25 | 7.5 / 25 | 7.5 / 25 | |
| Maximum Line Length | | (m / ft) | 15 / 49 | 15 / 49 | 15 / 49 | 20 / 65 | 30 / 98 | |
| Maximum Height Difference Between Indoor and Outdoor | | (m / ft) | 10 / 33 | 10 / 33 | 10 / 33 | 15 / 49 | 20 / 65 | |
| Additional Refrigerant Charge | | (g/m oz/ft) | 10 0.11 | 10 0.11 | 10 0.11 | 10 0.11 | 10 0.11 | |
| Operation Temperature | | °F | 16-31 | 16-31 | 16-31 | 16-31 | 16-31 | |
| Ambient Temperature | Indoor (Cooling / Heating) | °C | >=17/<=30 | >=17/<=30 | >=17/<=30 | >=17/<=30 | >=17/<=30 | |
| | Outdoor (Cooling / Heating) | °C | 12-50/-15-30 | 12-50/-15-30 | 12-50/-15-30 | 12-50/-15-30 | 12-50/-15-30 | |
| Ambient Temperature | Indoor (Cooling / Heating) | °F | >=62/<=86 | >=62/<=86 | >=62/<=86 | >=62/<=86 | >=62/<=86 | |
| | Outdoor (Cooling / Heating) | °F | 53.6-122/5-86 | 53.6-122/5-86 | 53.6-122/5-86 | 53.6-122/5-86 | 53.6-122/5-86 | |

KIWE | Indoor units



KOIE | Outdoor units

