

| Technical Specifications | | | | | | | |
|------------------------------------|-----------|---|-----------|----------------------|----------------------|----------------------|----------------------|
| Split Air Conditioner Outdoor Unit | | | | | | | |
| Sr No | Parameter | Unit | Value | | | | |
| 1 | 1 | Model | — | BMKH18M23UH | BMKH24M23UH | BMKH36M23UH | BMKH42M23UH |
| 2 | 2 | Product Code | — | 453081183 | 453081184 | 453081185 | 453081186 |
| 4 | 3 | Cooling Capacity | kW | 5.30 | 6.45 | 10.60 | 12.30 |
| 5 | 4 | Cooling Capacity | Btu/h | 18000 | 22000 | 36000 | 42000 |
| 6 | 5 | Min. Cooling Capacity | W | 2051 | 2198 | 2600 | 2600 |
| 7 | 6 | Min. Cooling Capacity | Btu/h | 6998 | 7500 | 8871 | 8871 |
| 8 | 7 | Max. Cooling Capacity | W | 6155 | 8792 | 11723 | 12600 |
| 9 | 8 | Max. Cooling Capacity | Btu/h | 21000.86 | 30000.01 | 39999.9 | 42991.2 |
| 10 | 9 | Heating Capacity | kW | 6150.00 | 7650.00 | 10.60 | 12.30 |
| 11 | 10 | Heating Capacity | Btu/h | 21000 | 26000 | 36000 | 42000 |
| 12 | 11 | Min. Heating Capacity | W | 2052 | 2198 | 2600 | 2600 |
| 13 | 12 | Min. Heating Capacity | Btu/h | 7000 | 7500 | 8871 | 8871 |
| 14 | 13 | Max. Heating Capacity | W | 7600 | 9100 | 12460 | 13500 |
| 15 | 14 | Max. Heating Capacity | Btu/h | 26000 | 31000 | 42514 | 46062 |
| 16 | 15 | EER | W/W | 3.66<EER> 3.52<EER2> | 3.66<EER> 3.52<EER2> | 2.64<EER> 2.64<EER2> | 2.64<EER> 2.64<EER2> |
| 17 | 16 | EER | (Btu/h)/W | 12.5<EER> 12<EER2> | 12.5<EER> 12<EER2> | 9.0<EER> 9.0<EER2> | 9.0<EER> 9.0<EER2> |
| 18 | 17 | COP | W/W | 3.60 | 3.66 | 3.21 | 3.42 |
| 19 | 18 | COP | (Btu/h)/W | 12.30 | 12.50 | 10.96 | 11.66 |
| 20 | 19 | SEER | — | 23<SEER> 20<SEER2> | 23<SEER> 20<SEER2> | 23<SEER> 16<SEER2> | 23<SEER> 16<SEER2> |
| 21 | 20 | HSPF | — | 10.5<HSPF> 10<HSPF2> | 10.5<HSPF> 10<HSPF2> | 10<HSPF> 8.6<HSPF2> | 10<HSPF> 8.6<HSPF2> |
| 30 | 21 | Air Flow Volume | m3/h | 4300 | 4300 | 5200 | 5200 |
| 31 | 22 | Air Flow Volume | CFM | 2530.55 | 2530.55 | 3060.2 | 3060.2 |
| 34 | 23 | Sound Pressure Level | dB(A) | 58 | 60 | 62 | 62 |
| 37 | 24 | Sound Power Level | dB(A) | 68 | 70 | 72 | 72 |
| 46 | 25 | Rated Voltage | V | 208/230 | 208/230 | 208/230 | 208/230 |
| 47 | 26 | Rated Frequency | Hz | 60 | 60 | 60 | 60 |
| 48 | 27 | Phases | — | 1 | 1 | 1 | 1 |
| 50 | 28 | Cross-sectional Area of Power Cable Condu | mm2 | 5.3(AWG10) | 5.3(AWG10) | 8.4<AWG8> | 8.4<AWG8> |
| 52 | 29 | Recommended Power Cable(Core) | N | 3 | 3 | 3 | 3 |
| 53 | 30 | Fuse Current | A | 30 | 30 | 60 | 60 |
| 54 | 31 | Circuit Breaker | A | 35 | 40 | 60 | 60 |

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| 1 | 1 | Model | — | BMKH18M23UH | BMKH24M23UH | BMKH36M23UH | BMKH42M23UH |
| 55 | 32 | Cooling Power Input | kW | 1.5 | 1.83 | 4.02 | 4.66 |
| 56 | 33 | Heating Power Input | kW | 1.71 | 2.09 | 3.3 | 3.6 |
| 57 | 34 | Rated Power Input | kW | 5.00 | 6.00 | 7.36 | 7.36 |
| 58 | 35 | Cooling Current Input | A | 6.52 | 7.96 | 17.48 | 20.26 |
| 59 | 36 | Heating Current Input | A | 7.4 | 9.10 | 14.35 | 15.65 |
| 60 | 37 | Rated Current | A | 22.00 | 26.00 | 32.00 | 32.00 |
| 61 | 38 | Starting Current | A | 5 | 5.00 | 5.00 | 5.00 |
| 66 | 39 | Compressor Trademark | — | GREE | GREE | GREE | GREE |
| 67 | 40 | Compressor Manufacturer | — | ZHUHAI LANDA COMPRESSOR CO.,LTD | ZHUHAI LANDA COMPRESSOR CO.,LTD | ZHUHAI LANDA COMPRESSOR CO.,LTD | ZHUHAI LANDA COMPRESSOR CO.,LTD |
| 68 | 41 | Compressor Model1 | — | QXFW-D318zX035 | QXFW-D318zX035 | QXAW-F518zX440C | QXAW-F518zX440C |
| 70 | 42 | Compressor Type1 | — | Inverter Rotary | Inverter Rotary | Inverter Rotary | Inverter Rotary |
| 73 | 43 | Compressor Capacity | W | / | / | / | / |
| 74 | 44 | Compressor Power Input | W | / | / | / | / |
| 75 | 45 | Compressor Rated Load Amp (RLA) | A | 14.9 | 17 | 27 | 28.5 |
| 76 | 46 | Compressor Locked Rotor Amp (L.R.A) | A | / | / | / | / |
| 78 | 47 | Compressor Thermal Protector | — | / | / | / | / |
| 79 | 48 | Compressor Crankcase | W | 40 | 40 | 40 | 40 |
| 80 | 49 | Compressor Refrigerant Oil Type | — | FW68DA or equivalent | FW68DA or equivalent | FV50S or equivalent | FV50S or equivalent |
| 81 | 50 | Compressor Refrigerant Oil Charge Volume | L | 0.95 | 0.95 | 1.35 | 1.35 |
| 82 | 51 | Chassis Electrical Heater Power Input | W | 160 | 160 | 160 | 160 |
| 83 | 52 | Chassis Electrical Heater Current | A | / | / | / | / |
| 86 | 53 | Fan Type | — | Axial-flow | Axial-flow | Axial-flow | Axial-flow |
| 87 | 54 | Fan Quantity | — | 1 | 1 | 1 | 1 |
| 88 | 55 | Fan Diameter-height | mm | 550 - 66 | 550 - 66 | 570—152 | 570—152 |
| 90 | 57 | Motor Model | — | LW92S-ZL | LW92S-ZL | SWZ150A | SWZ150A |
| 91 | 58 | Motor Type | — | DC motor | DC motor | DC motor | DC motor |
| 92 | 59 | Motor Insulation Class | — | B/E | B/E | B/E | B/E |
| 93 | 60 | Motor Safe Class | — | IPX4 | IPX4 | IPX4 | IPX4 |
| 94 | 61 | Overload Protector | — | / | / | / | / |

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| Split Air Conditioner Outdoor Unit | | | | | | | |
| | Sr No | Parameter | Unit | Value | | | |
| 1 | 1 | Model | — | BMKH18M23UH | BMKH24M23UH | BMKH36M23UH | BMKH42M23UH |
| 95 | 62 | Motor Full Load Amp(FLA) | A | / | / | / | / |
| 96 | 63 | Fan Motor Drive Type | — | Direct drive | Direct drive | Direct drive | Direct drive |
| 97 | 64 | Fan Motor Speed | rpm | 880 | 880 | 940 | 940 |
| 98 | 65 | Fan Motor Power Output | W | 90 | 90 | 90 | 90 |
| 99 | 66 | Fan Motor Power Input | W | / | / | / | / |
| 100 | 67 | Fan Motor Capacitor | μF | / | / | / | / |
| 106 | 68 | Condenser Material | — | Aluminum Fin-copper Tube | Aluminum Fin-copper Tube | Aluminum Fin-copper Tube | Aluminum Fin-copper Tube |
| 107 | 69 | Condenser Face Area | m ² | 0.68 | 0.68 | 1.07 | 1.07 |
| 109 | 70 | Condenser Pipe Diameter | in | φ0.31 | φ0.31 | φ0.31 | φ0.31 |
| 111 | 71 | Condenser Number of Rows | — | 2 | 2 | 3 | 3 |
| 112 | 72 | Condenser Tube Pitch(a)×Row Pitch(b) | in | 0.87x0.75 | 0.87x0.75 | 0.87x0.75 | 0.87x0.75 |
| 114 | 73 | Condenser Fin Pitch | in | 0.055 | 0.055 | 0.059 | 0.059 |
| 117 | 74 | Condenser Fin Type | — | corrugated fin | corrugated fin | corrugated fin | corrugated fin |
| 118 | 75 | Condenser Fin Colour | — | Blue | Blue | Blue | Blue |
| 120 | 76 | Condenser Length(L) × Height(H) × Width (W) | in | 38.67x29.45x1.5 | 38.67x29.45x1.5 | 35.08x41.57x2.25 | 35.08x41.57x2.25 |
| 122 | 77 | Condenser Max. Allowable Pressure | MPa | 10 | 10 | 10 | 10 |
| 131 | 78 | Permissible Excessive Operating Pressure for the Discharge Side | MPa | 4.3 | 4.3 | 4.3 | 4.3 |
| 132 | 79 | Permissible Excessive Operating Pressure for the Suction Side | MPa | 2.5 | 2.5 | 2.5 | 2.5 |
| 133 | 80 | Maximum Allowable Pressure | MPa | 4.3 | 4.3 | 4.3 | 4.3 |
| 134 | 81 | High Presser Overload Protector | MPa | 4.4 | 4.4 | 4.6 | 4.6 |
| 135 | 82 | Low Presser Overload Protector | MPa | / | / | / | / |
| 136 | 83 | Cooling Operation Ambient Temperature Range | F | -0.4~114.8 | -0.4~114.8 | -0.4~114.8 | -0.4~114.8 |
| 138 | 84 | Heating Operation Ambient Temperature Range | F | -31~75.2 | -31~75.2 | -31~75.2 | -31~75.2 |
| 140 | 85 | Maximum drive IDU NO. | unit | 2 | 3 | 4 | 5 |
| 142 | 86 | Defrosting Method | -- | Automatic Defrosting | Automatic Defrosting | Automatic Defrosting | Automatic Defrosting |
| 143 | 87 | Isolation | — | I | I | I | I |
| 144 | 88 | Moisture Protection | -- | IPX4 | IPX4 | IPX4 | IPX4 |
| 145 | 89 | Overload Protector | — | 电流温控机械式 | 电流温控机械式 | 电流温控机械式 | 电流温控机械式 |

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| 1 | 1 | Model | — | BMKH18M23UH | BMKH24M23UH | BMKH36M23UH | BMKH42M23UH |
| 146 | 90 | Climate Type | — | T1 | T1 | T1 | T1 |
| 147 | 91 | Refrigerant | — | R410A | R410A | R410A | R410A |
| 148 | 92 | Refrigerant Charge | lbs | 4.85 | 5.95 | 9.92 | 11.02 |
| 150 | 93 | Throttling Method | — | Electron expansion valve | Electron expansion valve | Electron expansion valve | Electron expansion valve |
| 161×163×165 | 94 | Dimension of Outline(W×D×H) | in | 39.49x16.81x31.10 | 39.49x16.81x31.10 | 42.80x17.32x43.43 | 42.80x17.32x43.43 |
| 167×169×171 | 95 | Dimension of Carton Box(L×W×H) | in | 42.52x19.09x33.07 | 42.52x19.09x33.07 | 45.47x18.90x43.90 | 45.47x18.90x43.90 |
| 173×175×177 | 96 | Dimension of Package(L×W×H) | in | 42.64x19.21x33.66 | 42.64x19.21x33.66 | 45.59x19.02x48.62 | 45.59x19.02x48.62 |
| 179 | 97 | Net Weight | lbs | 171.96 | 174.17 | 279.99 | 282.19 |
| 181 | 98 | Gross Weight | lbs | 182.98 | 185.19 | 297.62 | 299.83 |
| 183 | 99 | Outdoor Unit Loading Quantity (20' Container) | unit | 44 | 44 | 22 | 22 |
| 184 | 100 | Outdoor Unit Loading Quantity (40' Container) | unit | 96 | 96 | 48 | 48 |
| 185 | 101 | Outdoor Unit Loading Quantity (40' High Cube Container) | unit | 144 | 144 | 96 | 96 |
| 191 | 102 | Connection Pipe Connection Method | — | Flare Connection | Flare Connection | Flare Connection | Flare Connection |
| 192 | 103 | Not Additional Gas Connection Pipe Length | ft | 65.62 | 98.43 | 131.23 | 131.23 |
| 194 | 104 | Connection Pipe Gas Additional Charge | g/m | 20 | 20 | 20 | 20 |
| 196 | 105 | Connection Pipe Liquid Pipe Outer Diameter 1 | in | φ0.24 | φ0.24 | φ0.24 | φ0.24 |
| 198 | 106 | Connection Pipe Liquid Pipe Outer Diameter 2 | in | φ0.24 | φ0.24 | φ0.24 | φ0.24 |
| 200 | 107 | Connection Pipe Liquid Pipe Outer Diameter 3 | in | / | φ0.24 | φ0.24 | φ0.24 |
| 202 | 108 | Connection Pipe Liquid Pipe Outer Diameter 4 | in | / | / | φ0.24 | φ0.24 |
| 204 | 109 | Connection Pipe Liquid Pipe Outer Diameter 5 | in | / | / | / | φ0.24 |
| 206 | 110 | Connection Pipe Gas Pipe Outer Diameter 1 | in | φ0.37 | φ0.37 | φ0.37 | φ0.37 |
| 208 | 111 | Connection Pipe Gas Pipe Outer Diameter 2 | in | φ0.37 | φ0.37 | φ0.37 | φ0.37 |
| 210 | 112 | Connection Pipe Gas Pipe Outer Diameter 3 | in | / | φ0.37 | φ0.37 | φ0.37 |
| 212 | 113 | Connection Pipe Gas Pipe Outer Diameter 4 | in | / | / | φ0.37 | φ0.37 |
| 214 | 114 | Connection Pipe Gas Pipe Outer Diameter 5 | in | / | / | / | φ0.37 |
| 216 | 115 | Connection Pipe Max. Height Distance (indoor and indoor) | ft | 26.25 | 26.25 | 49.21 | 49.21 |

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| 1 | 1 | Model | — | BMKH18M23UH | BMKH24M23UH | BMKH36M23UH | BMKH42M23UH |
| 218 | 116 | Connection Pipe Max. Height Distance (indoor and outdoor and indoor up) | ft | 26.25 | 26.25 | 49.21 | 49.21 |
| 220 | 117 | Connection Pipe Max. Height Distance (indoor and outdoor and outdoor up) | ft | 26.25 | 26.25 | 49.21 | 49.21 |
| 222 | 118 | Max. equivalent connection pipe length (outdoor to last indoor) | ft | 82.02 | 82.02 | 82.02 | 82.02 |
| 224 | 119 | Connection Pipe Max. Length Distance (total length) | ft | 164.04 | 229.66 | 246.06 | 262.47 |
| Air Condition Function | | | | | | | |
| 241 | 120 | Low Ambient Cooling Function | | YES | YES | YES | YES |
| 242 | 121 | Defrosting Time Set Function | | NO | NO | NO | NO |
| 243 | 122 | Low Voltage Startup | | YES | YES | YES | YES |
| 244 | 123 | Compressor With Electric Heater | | YES | YES | YES | YES |
| 245 | 124 | Chassis With Electric Heater | | YES | YES | YES | YES |