



**19**  
**SEER**

**DX SERIES**  
MINI SPLIT SYSTEM  
COOLING ONLY



**inverter**  
Full DC



**NOISELESS**



Intertek



**DAIZUKI**



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**DX-19 Series Technical Specifications**

| Model                               |                              | DX09X426F-19      | DX12X426F-19                    | DX12X416F-19                    | DX18X426F-19                    | DX24X426F-19                     | DX36X426F-16                     |                                  |
|-------------------------------------|------------------------------|-------------------|---------------------------------|---------------------------------|---------------------------------|----------------------------------|----------------------------------|----------------------------------|
| Indoor Model                        |                              | DX09E426F-19      | DX12E426F-19                    | DX12E416F-19                    | DX18E426F-19                    | DX24E426F-19                     | DX36E426F-16                     |                                  |
| Outdoor Model                       |                              | DX09C426F-19      | DX12C426F-19                    | DX12C416F-19                    | DX18C426F-19                    | DX24C426F-19                     | DX36C426F-16                     |                                  |
| Power Supply                        |                              | 208-230/1/60      | 208-230/1/60                    | 115/1/60                        | 208-230/1/60                    | 208-230/1/60                     | 208-230/1/60                     |                                  |
| Cooling                             | Capacity                     | Btu/h             | 9000 (3200~10200)               | 12000 (2900~12900)              | 12000 (/~)                      | 18000 (5000~17700)               | 24000 (4700~23900)               | 36000 (9474~38713)               |
|                                     | Input                        | W                 | 812                             | 1037                            | 1200                            | 1583                             | 1960                             | 4235                             |
|                                     | Rated Current                | A                 | 3.53                            | 4.5                             | 10.43                           | 6.7                              | 9.0                              | 18.5                             |
|                                     | EER                          | -                 | 11.1                            | 11.1                            | 10                              | 10.8                             | 10.9                             | 8.5                              |
|                                     | SEER                         | -                 | 19                              | 19                              | 16.5                            | 20                               | 19                               | 16                               |
| Minimum Circuit Ampacity            |                              | A                 | 10                              | 11                              | 15                              | 15                               | 18                               | 25                               |
| Max. Fuse                           |                              | A                 | 15                              | 15                              | 20                              | 20                               | 25                               | 35                               |
| Compressor                          | Model                        | ASK89D29UEZD      | ASK89D29UEZD                    | ASN98D22UFZ                     | ASN140D21UFZ                    | ATN150D30UFZA                    | ATF25D022UMT                     |                                  |
|                                     | Type                         | -                 | Rotary                          | Rotary                          | Rotary                          | Rotary                           | Rotary                           |                                  |
|                                     | Brand                        | -                 | GMCC                            | GMCC                            | GMCC                            | GMCC                             | GMCC                             |                                  |
|                                     | Capacity                     | W                 | 2670                            | 2670                            | 2935                            | 4225                             | 4500                             | 7645                             |
|                                     | Input                        | W                 | 702                             | 702                             | 748                             | 1085                             | 1160                             | 2080                             |
|                                     | Rated Current (RLA)          | A                 | 6.2                             | 6.8                             | -                               | 9                                | 12                               | -                                |
| Refrigerant Oil / Oil Charge        |                              | ml                | VG74/170                        | VG74/170                        | VG74/370                        | VG74/440                         | VG74/450                         | VG74/670                         |
| Indoor Fan Motor                    | Model                        | -                 | YKFG-20-4-10L                   | YKFG-20-4-10L                   | YKFG-15-4-28-1                  | ZKFP-30-8-3                      | YKFG-45-4-13                     | ZKFP-58-8-1                      |
|                                     | Brand                        | -                 | Welling                         | Welling                         | Welling                         | Welling                          | Welling                          | Welling                          |
|                                     | Input                        | W                 | 47                              | 47.4                            | 46                              | 36.0                             | 89                               | 58.0                             |
|                                     | RLA                          | W                 | 0                               | 0                               | 0                               | 0.4                              | 0.45                             | 0                                |
|                                     | LRA                          | W                 | 0                               | -                               | -                               | -                                | 1                                | -                                |
|                                     | Winding Resistance           | Ω                 | 0                               | -                               | -                               | -                                | 125                              | -                                |
|                                     | Capacitor                    | μF                | 2                               | 1.5                             | 3                               | -                                | 3                                | -                                |
|                                     | Speed (Hi/Mi/Lo)             | r/min             | 1050/900/700                    | ≥1320                           | <1300                           | 1100/800/700                     | 1100/900/800                     | 1200/950/750                     |
| Indoor Air Flow (Hi/Mi/Lo)          |                              | m <sup>3</sup> /h | 410/350/250                     | 410/330/350                     | 400/350/250                     | 900/750/600                      | 988/776/562                      | 1450/1100/800                    |
| Indoor Air Flow (Hi/Mi/Lo)          |                              | CFM               | 241.18/205.88/147.06            | 241.18/194.12/205.88            | 235.29/205.88/147.06            | 529.41/441.18/352.94             | 581.18/456.47/330.59             | 852.94/647.06/470.59             |
| Indoor Noise Level (Hi/Mi/Lo)       |                              | dB(A)             | 38/32/26.5                      | 37.5/34.5/24.5                  | 38.5/0/24.5                     | 42/34.5/30.5                     | 46/40.5/34.0                     | 52/44/36                         |
| Indoor Unit                         | Dimension (W*D*H)            | mm/inches         | 722x187x290 / 28.43x7.36x11.42  | 802x189x297 / 31.57x7.44x11.69  | 802x189x297 / 31.57x7.44x11.69  | 965x215x319 / 37.99x8.46x12.56   | 1080x226x335 / 42.52x8.90x13.19  | 1259x282x362 / 49.57x11.10x14.25 |
|                                     | Packing (W*D*H)              | mm/inches         | 790x270x375 / 31.10x10.63x14.57 | 875x285x375 / 34.45x11.22x14.76 | 875x285x380 / 34.45x11.22x14.76 | 1045x305x410 / 41.14x12.01x15.94 | 1155x415x320 / 45.47x16.34x12.40 | 1340x450x385 / 52.76x17.72x14.96 |
|                                     | Net/Gross Weight             | Kg - lbs          | 7.4/9.8 - 16.31/21.61           | 8.2/10.8 - 18.08/23.81          | 8.5/11 - 18.74/24.25            | 11.4/14 - 25.13/30.86            | 14.3/17.9 - 31.53/39.46          | 18.5/24.2 - 40.79/53.35          |
| Outdoor Fan Motor                   | Model                        | ZKFN-40-8-1L-5    | ZKFN-40-8-1L-5                  | ZKFN-40-8-1L                    | ZKFN-40-8-1L-5                  | ZKFN-50-8-2                      | ZKFN-120-8-2                     |                                  |
|                                     | Input                        | W                 | 40.0                            | 40.0                            | 63.0                            | 40.0                             | 115.0                            |                                  |
|                                     | RLA                          | A                 | 0.4                             | 0.5                             | 0                               | 0.6                              | 0.6                              |                                  |
|                                     | LRA                          | A                 | 0.7                             | 0.7                             | /                               | 0.7                              | 0                                |                                  |
|                                     | Winding Resistance           | Ω                 | 100                             | 100                             | /                               | 100                              | 37.3                             |                                  |
|                                     | Capacitor                    | μF                | 0                               | 0                               | /                               | 0                                | /                                |                                  |
| Speed (Hi/Mi/Lo)                    |                              | r/min             | 850/700                         | 850/700                         | 960                             | 850/700                          | 800/550                          | 900/750                          |
| Outdoor Air Flow (Hi/Mi/Lo)         |                              | m <sup>3</sup> /h | 2091                            | 2091                            | 2000                            | 2030                             | 3100                             | 3800                             |
| Outdoor Air Flow (Hi/Mi/Lo)         |                              | CFM               | 1230                            | 1230                            | 1176                            | 1194                             | 1824                             | 2235.29                          |
| Outdoor Noise Level (Hi/Mi/Lo)      |                              | dB(A)             | 51                              | 51.5                            | 51.5                            | 53.5                             | 57.0                             | 60.5                             |
| Outdoor Unit                        | Dimension (W*D*H)            | mm/inches         | 770x300x555 / 30.31x11.81x21.85 | 770x300x555 / 30.31x11.81x21.85 | 770x300x555 / 30.31x11.81x21.85 | 770x300x555 / 30.31x11.81x21.85  | 845x363x702 / 33.27x14.29x27.64  | 946x410x810 / 37.24x16.14x31.89  |
|                                     | Packing (W*D*H)              | mm/inches         | 900x345x595 / 35.43x13.58x23.03 | 900x345x595 / 35.43x13.58x23.03 | 900x345x595 / 35.43x13.58x23.03 | 900x348x625 / 35.43x13.70x24.21  | 965x395x775 / 37.99x15.55x30.12  | 1090x500x885 / 42.91x19.69x34.45 |
|                                     | Net/Gross Weight             | Kg - lbs          | 24.5/26.9 - 54.01/59.30         | 24.8/27 - 54.67/59.52           | 28.3/30.7 - 62.39/67.68         | 29.9/32.8 - 65.92/72.31          | 40.2/43.5 - 88.62/95.90          | 65.2/71.5 - 143.74/157.63        |
| Refrigerant Type                    |                              | oz                | R410A/0.5                       | R410A/0.53                      | R410A/0.28                      | R410A/0.9                        | R410A/40.9                       | R410A/119.9                      |
| Refrigerant Precharge               |                              | ft                | 20                              | 20                              | 0                               | 20                               | 30                               | 20                               |
| Additional Charge For Each ft       |                              | oz                | 0.21                            | 0.21                            | /                               | 0.21                             | 0.32                             | 0.21                             |
| Design Pressure                     |                              | PSIG              | 550/340                         | 550/340                         | 550/340                         | 550/340                          | 550/340                          | 550/340                          |
| Refrigerant Piping                  | Liquid Side/ Gas Side        | mm/inches         | 6.35mm(1/4in)/9.52mm(3/8in)     | 6.35mm(1/4in)/12.7mm(1/2in)     | 6.35mm(1/4in)/12.7mm(1/2in)     | 6.35mm(1/4in)/12.7mm(1/2in)      | 9.52mm(3/8in)/15.9mm(5/8in)      | 9.52mm(3/8in)/15.9mm(5/8in)      |
|                                     | Max. Refrigerant Pipe Length | m/ft              | 25 / 82.02                      | 25 / 82.02                      | 25 / 82.02                      | 30 / 98.42                       | 30 / 98.42                       | 65 / 213.25                      |
|                                     | Max. Difference In Level     | m/ft              | 10 / 32.81                      | 10 / 32.81                      | 10 / 33                         | 20 / 65.62                       | 20 / 65.62                       | 30 / 98.42                       |
| Connection Wiring                   |                              |                   |                                 | 16AWG*4 Stranded, unshielded    |                                 |                                  | 16AWG*4 Stranded, unshielded     |                                  |
| Thermostat Type                     |                              |                   | Remote Control                  | Remote Control                  | Remote Control                  | Remote Control                   | Remote Control                   |                                  |
| Room Temperature                    | Indoor (Cooling/Heating)     | °C                | 17~32                           | 17~32                           | 17~32                           | 17~32                            | 17~32                            | 17~32/0~30                       |
|                                     | Outdoor (Cooling/Heating)    | °C                | -15~50                          | 0~50                            | -15~50                          | -15~50                           | -15~50                           | -15~50/-15~30                    |
| Application area (Cooling Standard) |                              | m <sup>2</sup>    | 12~18                           | 15~22                           | 16~23                           | 23~33                            | 29~43                            | 48~70                            |
| Application area (cooling standard) |                              | sq.ft             | 129.17~193.75                   | 161.46~236.81                   | 172.22~247.57                   | 247.57~355.21                    | 312.15~462.85                    | 516.67~753.47                    |
| Qty'per 20' / 40' / 40'HQ           |                              | -                 | 110/228/248                     | 108/225/234                     | 108/225/234                     | 81/170/203                       | 60/126/142                       | 36/76/88                         |

