



# Single Zone System Specifications

## Mini-Split Air Conditioning and Heating

|                           |                                              |                      |                      |                      |                      |                       |                       |
|---------------------------|----------------------------------------------|----------------------|----------------------|----------------------|----------------------|-----------------------|-----------------------|
| Dial Part Number          |                                              | 80101                | 80111                | 80121                | 80131                | 80141                 | 80191                 |
| UPC                       |                                              | 02652980101 0        | 02652980111 9        | 02652980121 8        | 02652980131 7        | 02652980141 6         | 02652980191 1         |
| Dial Model                |                                              | A2LSZHW09NW115BDJ    | A2LSZHW09NW230BDJ    | A2LSZHW12NW115BCJ    | A2LSZHW12NW230BDJ    | A2LSZHW18NW230BCJ     | A2LSZHW23NW230BCJ     |
| System                    | Air Conditioning Type                        | Ductless Heat Pump   | Ductless Heat Pump   | Ductless Heat Pump   | Ductless Heat Pump   | Ductless Heat Pump    | Ductless Heat Pump    |
|                           | Application Room Size (sqft)                 | Up to 400            | Up to 400            | Up to 550            | Up to 550            | Up to 1000            | Up to 1500            |
|                           | Electrical Voltage, Frequency, Phase         | 115V~,60Hz,1P        | 208/230V~/60Hz/1P    | 115V~,60Hz,1P        | 208/230V~,60Hz,1P    | 208/230V~,60Hz,1P     | 208/230V~,60Hz,1P     |
|                           | Compressor Motor Technology                  | Inverter             | Inverter             | Inverter             | Inverter             | Inverter              | Inverter              |
|                           | Refrigerant (pre-charge oz)                  | R-454B 25.04         | R-454B 25.04         | R-454B 35.27         | R-454B 35.27         | R-454B 45.50          | R-454B 55.03          |
|                           | Max Pre-Charged Line-Set (ft)                | 25                   | 25                   | 25                   | 25                   | 25                    | 25                    |
|                           | Max Line-Set Length <sup>(1)</sup> (ft)      | 50                   | 50                   | 50                   | 50                   | 50                    | 50                    |
|                           | Max Height (ft) Indoor & Outdoor             | 33                   | 33                   | 33                   | 33                   | 33                    | 33                    |
|                           | Liquid Pipe (Diameter-inch)                  | 1/4                  | 1/4                  | 1/4                  | 1/4                  | 1/4                   | 1/4                   |
|                           | Suction Line (Diameter-inch)                 | 3/8                  | 3/8                  | 3/8                  | 3/8                  | 1/2                   | 5/8                   |
| Performance               | Cooling Capacity (BTU/H)                     | 9000                 | 9000                 | 12000                | 12000                | 18000                 | 23000                 |
|                           | Heating Capacity (BTU/H)                     | 10000                | 10000                | 12400                | 12600                | 19000                 | 25000                 |
|                           | SEER2 (Cooling) BTU/W.h                      | 24.0                 | 24.0                 | 23.0                 | 24.0                 | 23.0                  | 23.0                  |
|                           | HSPF2 (Heating) BTU/W.h Region IV / Region V | 10.0 / 8.6           | 10.0 / 8.6           | 10.0 / 8.6           | 10.0 / 8.6           | 9.5 / 8.2             | 9.5 / 8.2             |
|                           | EER2 (Cooling) BTU/W.h 95°F                  | 13.0                 | 13.0                 | 13.0                 | 13.0                 | 12.5                  | 12.0                  |
|                           | COP2 (Heating) W/W 47°F / 5°F                | 3.81 / 2.1           | 3.81 / 2.1           | 3.81 / 2.1           | 3.81 / 2.1           | 3.81 / 1.8            | 3.41 / 1.8            |
|                           | Moisture Removal per Hr (Dehumidifier)       | 0.29gal              | 0.29gal              | 0.29gal              | 0.29gal              | 0.29gal               | 0.29gal               |
| Indoor Unit               | Dimensions (LxHxD) (inches)                  | 32.28 × 12.05 × 7.68 | 32.28 × 12.05 × 7.68 | 32.28 × 12.05 × 7.68 | 36.22 × 12.05 × 7.68 | 43.18 × 13.07 × 8.74  | 43.18 × 13.07 × 8.74  |
|                           | Weight (lbs)                                 | 20.7                 | 20.7                 | 23.1                 | 23.1                 | 30.9                  | 30.9                  |
|                           | Airflow CFM (Turbo/High/Med/Low/Mute)        | 326/283/235/188/153  | 326/283/235/188/153  | 500/470/411/323/205  | 500/470/411/323/205  | 735/676/529/423/394   | 735/676/529/423/394   |
|                           | Air flow (Direction) Vertical / 4-way        | 4-Way                | 4-Way                | 4-Way                | 4-Way                | 4-Way                 | 4-Way                 |
|                           | Sound Level dB (A) (Turbo/High/Med/Low/Mute) | 43/40/33/31/30       | 43/40/33/31/30       | 46/44/36/32/30       | 46/44/36/32/30       | 50/47/43/38/34        | 50/47/43/38/34        |
|                           |                                              |                      |                      |                      |                      |                       |                       |
| Outdoor Unit              | Dimensions (LxHxD) (inches)                  | 32.28 × 12.05 × 7.68 | 32.28 × 12.05 × 7.68 | 32.28 × 12.05 × 7.68 | 32.28 × 12.05 × 7.68 | 36.49 × 14.96 × 27.51 | 38.50 × 16.57 × 31.61 |
|                           | Weight (lbs)                                 | 53.6                 | 52.7                 | 58.4                 | 58.4                 | 90.4                  | 104.7                 |
|                           | Sound Level dB (A)                           | 50                   | 50                   | 52                   | 52                   | 53.0                  | 54.0                  |
| Electrical                | Current Input Cooling (A)                    | 6.1                  | 3.0                  | 8.5                  | 6.2                  | 6.2                   | 8.3                   |
|                           | Current Input Heating (A)                    | 6.5                  | 3.3                  | 8.5                  | 4.2                  | 6.1                   | 9.0                   |
|                           | Power Input-Cooling (W)                      | 680                  | 680                  | 960                  | 970                  | 1390                  | 1860                  |
|                           | Power Input-Heating (W)                      | 730                  | 730                  | 945                  | 945                  | 1360                  | 2000                  |
|                           | Fuse Size                                    | 25A                  | 15A                  | 30A                  | 15A                  | 20A                   | 25A                   |
|                           | Min Circuit Amp                              | 16.0A                | 10.0A                | 18.0A                | 10.0A                | 12.0A                 | 17.0A                 |
| Working Temperature Range | Cooling                                      | 5°F-131°F            | 5°F-131°F            | 5°F-131°F            | 5°F-131°F            | 5°F-131°F             | 5°F-131°F             |
|                           | Heating                                      | -13°F-86°F           | -13°F-86°F           | -13°F-86°F           | -13°F-86°F           | -13°F-86°F            | -13°F-86°F            |
| Approval & Certification  | Industry Certification                       | ETL / AHRI           | ETL / AHRI           | ETL / AHRI           | ETL / AHRI           | ETL / AHRI            | ETL / AHRI            |
|                           | NEEP, Canada, Quebec, Nova Scotia            | Yes                  | Yes                  | Yes                  | Yes                  | Yes                   | Yes                   |
|                           | Energy Saving Energy Star                    | Energy Star 6.2      | Energy Star 6.2      | Energy Star 6.2      | Energy Star 6.2      | Energy Star 6.2       | Energy Star 6.2       |
| Warranty                  | Compressor/Parts (Years)                     | 7 / 5                | 7 / 5                | 7 / 5                | 7 / 5                | 7 / 5                 | 7 / 5                 |

<sup>(1)</sup> Requires additional refrigerant charge