

# Specifikációk

## Wind-Free™ Avant



| Indoor Unit            |                               |                             | AR09TXEAAWKNEU   | AR12TXEAAWKNEU   | AR18TXEAAWKNEU   | AR24TXEAAWKNEU   |              |
|------------------------|-------------------------------|-----------------------------|------------------|------------------|------------------|------------------|--------------|
| Outdoor Unit           |                               |                             | AR09TXEAAWKXEU   | AR12TXEAAWKXEU   | AR18TXEAAWKXEU   | AR24TXEAAWKXEU   |              |
| Capacity               | Capacity (kW)                 | Cooling                     | 2.5              | 3.5              | 5                | 6.5              |              |
|                        |                               | Heating                     | 3.20             | 4.00             | 6.00             | 7.40             |              |
|                        |                               | Cooling (Min - Max)         | 0.96 - 3.35      | 0.99 - 4.0       | 1.6 - 6.7        | 1.4 - 7.6        |              |
|                        |                               | Heating (Min - Max)         | 0.72 - 5.0       | 0.74 - 5.5       | 1.3 - 8.0        | 1.2 - 9.7        |              |
|                        | EER/COP (W/W)                 | EER (Cooling)               | 4                | 4                | 4                | 3                |              |
|                        |                               | COP (Heating)               | 4.21             | 3.74             | 3.53             | 3.15             |              |
|                        | SEER/SCOP (W/W)               | SEER (Cooling)              | 8                | 7                | 7                | 6                |              |
|                        |                               | SCOP (Heating)              | 4.60             | 4.60             | 4.10             | 4.00             |              |
|                        | Energy Grade                  | Star/Ticks/Level            | A++/A++          | A++/A++          | A++/A+           | A++/A+           |              |
|                        | Air Circulation (Max, m³/min) |                             | 9.50             | 10.50            | 15.70            | 17.60            |              |
|                        | Moisture Removal (l/hr)       |                             | 1                | 1.5              | 2                | 2.5              |              |
|                        | Noise Level                   | Catalogue                   | Indoor High/Low  | 54               | 57               | 58               | 62           |
|                        | Power                         |                             | Outdoor High     | 59               | 62               | 65               | 68           |
| Noise Level            | Catalogue                     | Indoor High/Low             | 38 / 16          | 40 / 16          | 41 / 25          | 45/26            |              |
| Pressure               |                               | Outdoor High                | 45               | 46               | 51               | 54               |              |
| Electrical Data        | Energy Efficiency             | Operating Current (Cooling) | 3.4              | 4.5              | 6.4              | 8.8              |              |
|                        |                               | Operating Current (Heating) | 3.7              | 5.1              | 7.8              | 10.5             |              |
|                        |                               | Power Consumption (Cooling) | 570              | 930              | 1390             | 1950             |              |
|                        |                               | Power Consumption (Heating) | 760              | 1070             | 1700             | 2350             |              |
|                        | Power Source                  | V/Hz/Φ                      | 220-240V/50Hz/1P | 220-240V/50Hz/1P | 220-240V/50Hz/1P | 220-240V/50Hz/1P |              |
| Physical Specification | Dimension                     | Net Dimension               | Indoor           | 889x299x215      | 889x299x215      | 1055x299x215     | 1055x299x215 |
|                        |                               | (WxHxD)                     | Outdoor          | 790x548x285      | 790x548x285      | 880x638x310      | 880x638x310  |
|                        |                               | Gross                       | Indoor           | 950x290x375      | 950x290x375      | 1115x290x375     | 1115x290x375 |
|                        |                               | Dimension                   | Outdoor          | 913x622x371      | 913x622x371      | 1023x724x413     | 1023x724x413 |
|                        | Weight(kg)                    | Net Weight                  | Indoor           | 9.9              | 9.9              | 12.2             | 12.5         |
|                        |                               | (kg)                        | Outdoor          | 29.9             | 29.9             | 39.7             | 43.7         |
|                        |                               | Gross Weight                | Indoor           | 12.1             | 12.1             | 14.7             | 14.8         |
|                        |                               | (kg)                        | Outdoor          | 32.1             | 32.1             | 42.7             | 46.7         |
| Loading Q'ty           | W Pipe                        | Set (20/40ft/40ft HC)       | -                | -                | -                | -                |              |
|                        |                               | Set (20/40ft/40ft HC)       | 85 / 180 / 208   | 85 / 180 / 208   | 65 / 138 / 154   | 65 / 138 / 154   |              |
|                        | W/O Pipe                      | Indoor (20/40ft/40ft HC)    | 288 / 592 / 660  | 288 / 592 / 660  | 240 / 496 / 550  | 240 / 496 / 550  |              |
|                        |                               | Outdoor (20/40ft/40ft HC)   | 111 / 234 / 312  | 111 / 234 / 312  | 90 / 189 / 189   | 90 / 189 / 189   |              |
| Technical Information  | Piping Length                 | Piping Length (Max, m)      | 15               | 15               | 30               | 30               |              |
|                        |                               | Piping Height               | 8                | 8                | 15               | 15               |              |
|                        | Refrigerant                   | Type                        | R32              | R32              | R32              | R32              |              |
|                        |                               | Charging (kg)               | 0.94             | 0.94             | 1.3              | 1.3              |              |
|                        |                               | Charging (tCO2e)            | 0.63             | 0.63             | 0.88             | 0.88             |              |
|                        | SVC Valve                     | Liquid (OD)                 | 6.35             | 6.35             | 6.35             | 6.35             |              |
|                        |                               | Gas (OD)                    | 9.52             | 9.52             | 12.7             | 15.88            |              |

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|--------------------|------------------|------------------------------------|----------------------|--------------------|----------------|----------------|----------------|
| Outdoor Unit       |                  |                                    |                      | AR09TXEAAWKXEU     | AR12TXEAAWKXEU | AR18TXEAAWKXEU | AR24TXEAAWKXEU |
| General Feature    | Air Flow         | Wind-Free                          |                      | ●                  | ●              | ●              | ●              |
|                    |                  | Air Direction Control (Up/Down)    |                      | Auto               | Auto           | Auto           | Auto           |
|                    |                  | Air Direction Control (Left/Right) |                      | Auto               | Auto           | Auto           | Auto           |
|                    |                  | Air Flow Control Step (Cool/Fan)   |                      | 5/4                | 5/4            | 5/4            | 5/4            |
|                    |                  | Auto Fan speed                     |                      | ●                  | ●              | ●              | ●              |
|                    | Air Purification | Easy Filter Plus                   |                      | ●                  | ●              | ●              | ●              |
|                    |                  | Tri-care Filter                    |                      | ●                  | ●              | ●              | ●              |
|                    |                  | Auto Clean (Self Cleaning)         |                      | ●                  | ●              | ●              | ●              |
|                    | Convenience      | Smart Things                       |                      | ●                  | ●              | ●              | ●              |
|                    |                  | MDS (Motion Detect Sensor)         |                      | X                  | X              | X              | X              |
|                    |                  | Filter Cleaning Indicator          |                      | ●                  | ●              | ●              | ●              |
|                    |                  | Indoor Temp. Display               |                      | ●                  | ●              | ●              | ●              |
|                    |                  | Remote Controller                  |                      | ●                  | ●              | ●              | ●              |
|                    |                  | Display On/Off 88 Display          |                      | ●                  | ●              | ●              | ●              |
|                    |                  | Beep On/Off                        |                      | ●                  | ●              | ●              | ●              |
|                    |                  | 24-Hour Timer / Real Timer         |                      | 24 Hr              | 24 Hr          | 24 Hr          | 24 Hr          |
|                    |                  | Auto Changeover                    |                      | ●                  | ●              | ●              | ●              |
|                    |                  | Auto Restart                       |                      | ●                  | ●              | ●              | ●              |
|                    |                  | Low Ambient                        | Condition            |                    | T1             | T1             | T1             |
|                    | Cooling (°C)     |                                    | -10~46               | -10~46             | -10~46         | -10~46         |                |
|                    | Heating (°C)     |                                    | -15~24               | -15~24             | -15~24         | -15~24         |                |
|                    | Operating Mode   | Comfort                            | AI AUTO & WIFI & MDS | X                  | X              | X              | X              |
|                    |                  |                                    | AI AUTO & Auto Mode  | ●                  | ●              | ●              | ●              |
|                    |                  | Fast Cool                          | NO                   | NO                 | NO             | NO             |                |
|                    |                  |                                    | Good Sleep           | ●                  | ●              | ●              | ●              |
|                    |                  |                                    | Eco mode             | ●                  | ●              | ●              | ●              |
|                    |                  |                                    | Dehumidification     | ●                  | ●              | ●              | ●              |
| Fan Mode           |                  |                                    | ●                    | ●                  | ●              | ●              |                |
| Quiet              |                  |                                    | ●                    | ●                  | ●              | ●              |                |
| Outdoor Unit & PBA |                  |                                    | Compressor Type      | BLDC               | BLDC           | BLDC           | BLDC           |
|                    |                  |                                    | Triple Protector     | Anti-Corrosion Fin | ●              | ●              | ●              |
|                    | Compressor       | ●                                  |                      | ●                  | ●              | ●              |                |
|                    | PBA Protector    | ●                                  |                      | ●                  | ●              | ●              |                |
| Window Display     | DISPLAY TYPE     |                                    | 88                   | 88                 | 88             | 88             |                |
|                    | LED Spec         | LED 3ea                            | AI/Timer/WIFI        | NO                 | NO             | NO             |                |
|                    |                  |                                    | AI/Timer/WIFI        | ●                  | ●              | ●              |                |
|                    |                  |                                    | Saving/Timer         | NO                 | NO             | NO             |                |
|                    |                  |                                    | Operating/Saving     | NO                 | NO             | NO             |                |
|                    | MDS              | MDS Icon                           | NO                   | NO                 | NO             | NO             |                |