

| SAC Inverter Model Lineup (existing running) |                         |         |                    |                    |                        |
|----------------------------------------------|-------------------------|---------|--------------------|--------------------|------------------------|
| Model Name                                   |                         |         | 12K                | 18K                | 24K                    |
|                                              |                         | Unit    | Inverter           | Inverter           | Inverter               |
| Performance                                  | Cooling Capacity        | Btu / W | 3500 / 1750        | 5100 / 2550        | 6250 / 3125            |
|                                              | Power                   | W       | 1100 / 410         | 1590 / 600         | 2000 / 720             |
|                                              | Rated Current           | A       | 5.0/ 2.9           | 7.3 / 4.3          | 9.1 / 5.2              |
|                                              | SEER                    |         | 4.00               | 4.00               | 4.00                   |
| Electrical Data                              | Voltage                 | V       | 230V               | 230V               | 230V                   |
|                                              | Input Range             | V       | 207-253V           | 207-253V           | 207-253V               |
| Compressor                                   | Make                    |         | GMCC               | GMCC               | GMCC                   |
|                                              | Model                   |         | KSK89D35UEZ3       | KSN108D34UEZ3      | KSN133D42UFZ           |
| Indoor Fan Motor                             | Make                    |         | BLDC-Nidec/Welling | BLDC-Nidec/Welling | BLDC-Nidec/Welling     |
|                                              | Model BLDC              |         | 18W / 30W          | 30W                | 30W                    |
|                                              | Speed(Turbo/Hi/Mi/Lo)   | RPM     | 1250/1050/1000/950 | 1250/1050/1000/950 | 1250/1050/1000/950     |
| Evaporator                                   | Row                     |         | 2R                 | 2R                 | 2R                     |
|                                              | Tube Dia                |         | 7mm                | 7mm                | 7mm                    |
|                                              | Hairpin                 |         | 13                 | 14                 | 15                     |
|                                              | Fin Colour              |         | Blue               | Blue               | Blue                   |
| Indoor Air Flow                              | Turbo                   | CMH     | 780                | 1050               | 1150                   |
| Indoor Noise(Hi/Low Speed)                   |                         | dBA     | 44/40              | 49/43              | 49/43                  |
| IDU Dimension                                | Net Dim(W * D * H)      | mm      | 800X295X230 (i3)   | 1000X295X230 (i2)  | 1000X295X230 (i2)      |
|                                              | Packing Dim(W * D * H)  | mm      | 890X362X297        | 1085X362X297       | 1085X362X297           |
|                                              | Net / Gross Weight      | Kg      | 9.3 / 11.0         | 11.0 / 14.0        | 11.0 / 14.0            |
| EEV/Capillary                                |                         |         | Capillary          | Capillary          | Capillary              |
| Outdoor Fan Motor                            | Make                    |         | PICL/ Haier        | PICL/ Haier        | BLDC- Welling          |
|                                              | Model                   |         | UC-11102/KFD40H    | UC-1198/KFD-55H12  | BLDC /ZKFP-45-8-113L-1 |
|                                              | Capacitor               | mfd     | 3MFD               | 3MFD               | NA                     |
|                                              | Speed                   | RPM     | 900                | 900                | 950 / 850              |
| Condenser                                    | Row                     |         | 1.0R               | 1.0R Antartica     | 2.0R Antartica         |
|                                              | Tube Dia                |         | 5mm                | 5mm                | 5mm                    |
|                                              | Hairpin                 |         | 16                 | 16                 | 32                     |
|                                              | Fin Colour              |         | Blue               | Blue               | Blue                   |
| Outdoor Noise Level dB                       |                         | dBA     | 60                 | 60                 | 60                     |
| ODU Dimension                                | Net Dim(W * H * D)      | mm      | 780X557X241 (A20)  | 780X557X281 (A20A) | 780X557X281 (A20A)     |
|                                              | Packing Dim(W * H * D)  | mm      | 925X605X350        | 925 X 605 X 395    | 925 X 605 X 395        |
| Refrigerant Type                             |                         |         | R32                | R32                | R32                    |
| Connecting Pipe                              | Liquid and Gas Side Dia | Dia     | 9.52 / 6.35        | 12.7 / 6.35        | 12.7 / 6.35            |
|                                              | Maximum Length          | m       | 15                 | 20                 | 20                     |
|                                              | Maximum Elevation       | mm      | 10                 | 15                 | 15                     |
|                                              | Additional Ref gas      | gm      | 15 per m           | 20 per m           | 20 per m               |
| Ambient Operating Range                      |                         | °C      | 48                 | 48                 | 48                     |

|               |               |                     |                     |                        |
|---------------|---------------|---------------------|---------------------|------------------------|
| Costing Specs | IDU Chassis   | i3                  | i2                  | i2                     |
|               | ODU Chassis   | A20                 | A20Antartica        | A20Antartica           |
|               | Compressor    | KSK89D35UEZ3        | KSN108D34UEZ3       | KSN133D42UFZ           |
|               | Evaporator    | 2R, 7mm, 13HP       | 2R, 7mm, 14HP       | 2R, 7mm, 15HP          |
|               | Condenser     | 1R 5mm, 16HP, 605mm | 1R 5mm, 16HP, 855mm | 2R 5mm, 32HP, 855mm    |
|               | ODU Motor     | UC-11102/KFD40H     | UC-1198/KFD-55H12   | BLDC /ZKFP-45-8-113L-1 |
|               | Service Valve | 3/8", 1/4"          | 1/2", 1/4"          | 1/2", 1/4"             |
|               | Other         |                     |                     |                        |