

TECHNICAL SPECIFICATIONS

Outdoor Units



UNIVERSAL OUTDOOR UNIT - COOLING ONLY

| OUTDOOR MODEL                          |                              |          | 38KUT024VS                 | 38KUT036VS                 | 38KUT048VS           | 38KUT055VS           |
|----------------------------------------|------------------------------|----------|----------------------------|----------------------------|----------------------|----------------------|
| Power supply                           | V-Ph-Hz                      |          | 208-230V~, 60Hz, 1Ph       | 208-230V~, 60Hz, 1Ph       | 208-230V~, 60Hz, 1Ph | 208-230V~, 60Hz, 1Ph |
| Max. input consumption                 | W                            |          | 3500                       | 3700                       | 6400                 | 6400                 |
| Max. current                           | A                            |          | 16.0                       | 20                         | 29.5                 | 29.5                 |
| Outdoor air flow                       | m3/h                         |          | 4500                       | 5300                       | 5300                 | 7400                 |
| Outdoor noise level (sound pressure)   | dB(A)                        |          | 59.5                       | 65.6                       | 65.6                 | 66.8                 |
| Throttle type                          |                              |          | Throttle valve             |                            |                      |                      |
| Outdoor unit                           | Dimension(WxDxH)             | mm       | 600x600x633                | 710x710x843                | 710x710x843          | 710x710x843          |
|                                        | Packing (WxDxH)              | mm       | 628x628x667                | 738x738x872                | 738x738x872          | 738x738x872          |
|                                        | Net/Gross weight             | kg       | 44.5/47.5                  | 61.8/66.6                  | 67.4/72.1            | 80.5/85.6            |
| Refrigerant                            | Type                         |          | R410A                      |                            |                      |                      |
|                                        | Charged volume               | kg       | 1.7                        | 2.6                        | 3                    | 4.0                  |
| Design pressure                        |                              | MPa      | 4.2/1.5                    |                            |                      |                      |
| Refrigerant piping                     | Liquid side/ Gas side        | mm(inch) | Φ9.52/<br>Φ15.9(3/8"/5/8") | Φ9.52/<br>Φ15.9(3/8"/5/8") | Φ9.52/Φ22(3/8"/7/8") | Φ9.52/Φ19(3/8"/3/4") |
|                                        | Max. refrigerant pipe length | m        | 25                         | 30                         | 50                   | 50                   |
|                                        | Max. difference in level     | m        | 15                         | 20                         | 30                   | 30                   |
| Ambient temperature                    | Cooling                      | °C       | 0~50                       |                            |                      |                      |
| Qty'per 20' /40' /40'HQ (outdoor unit) |                              |          | 81/171/228                 | 42/96/142                  | 42/96/142            | 42/96/142            |



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# TECHNICAL SPECIFICATIONS

## Indoor Units



FLOOR / UNDER CEILING MOUNTED SPLIT

- ▶ Slim Profile
- ▶ Two installation method (Floor / Ceiling)
- ▶ Auto-cool-dry-heat Fan
- ▶ Low sound level
- ▶ Automatic air swing in both direction
- ▶ Three fan speed
- ▶ Auto restart function
- ▶ Drain pipe Connection - Left or Right
- ▶ On/off, alarm ports
- ▶ Wired controller | Weekly controller
- ▶ Central controller ports

| INDOOR MODEL                                    |                          |          | 42KZL024VS             | 42KZL036VS             | 42KZL048VS           | 42KZL055VS           |
|-------------------------------------------------|--------------------------|----------|------------------------|------------------------|----------------------|----------------------|
| Power supply                                    |                          | V-ph-Hz  | 208-230V~, 60Hz, 1Ph   | 208-230V~, 60Hz, 1Ph   | 208-230V~, 60Hz, 1Ph | 208-230V~, 60Hz, 1Ph |
| Cooling                                         | Capacity                 | Btu/h    | 24000(8000-25000)      | 36000(10000-38000)     | 48000(17000-49000)   | 55000(17000-56000)   |
|                                                 | Input                    | W        | 2200                   | 3638                   | 5172                 | 5558                 |
|                                                 | EER                      | W/W      | 3.2                    | 2.9                    | 2.72                 | 2.9                  |
|                                                 | SEER                     |          | 15                     | 16                     | 15                   | 16                   |
| Indoor air flow(Hi/Med/Lo)                      |                          | m3/h     | 1200/950/600           | 1648/1434/1257         | 2572/2255/2097       | 2546/2299/2148       |
| Indoor noise level (sound pressure) (Hi/Med/Lo) |                          | dB(A)    | 52.0/44.5/38.0         | 54/51.6/45.9           | 58.8/56.2/53.3       | 58.6/56.4/53.5       |
| Indoor unit                                     | Dimension (WxDxH)        | mm       | 1068x675x235           | 1285x675x235           | 1650x675x235         | 1650x675x235         |
|                                                 | Packing (WxDxH)          | mm       | 1145x755x313           | 1360x755x313           | 1725x755x313         | 1725x755x313         |
|                                                 | Net/Gross weight         | kg       | 25.8/30.6              | 31.2/36.7              | 43.2/50.3            | 42.7/49.2            |
| Design pressure                                 |                          | MPa      | 4.2/1.5                |                        |                      |                      |
| Drainage water pipe diameter                    |                          | mm       | ODΦ25                  |                        |                      |                      |
| Refrigerant piping                              | Liquid side/<br>Gas side | mm(inch) | Φ9.52/Φ15.9(3/8"/5/8") | Φ9.52/Φ15.9(3/8"/5/8") | Φ9.52/Φ22(3/8"/7/8") | Φ9.52/Φ19(3/8"/3/4") |
| Controller                                      |                          |          | Remote control         |                        |                      |                      |
| Operation temperature                           |                          | °C       | 17~30                  |                        |                      |                      |
| Room temperature Range                          | Cooling                  | °C       | 17~32                  |                        |                      |                      |
| Qty'per 20' /40' /40'HQ (indoor unit)           |                          |          | 102/220/252            | 92/188/213             | 72/147/167           | 72/147/167           |

## Indoor Units

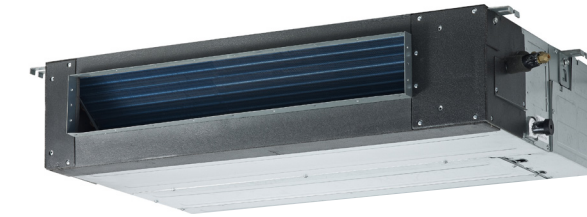


CASSETTE SPLIT

- ▶ 360° air flow
- ▶ Advantage duct design for nearby room
- ▶ Easy malfunction checking - Error code on LED display
- ▶ Auto Restart
- ▶ 3 Fan speeds
- ▶ In-built drain pump
- ▶ On/off, alarm ports
- ▶ Wired controller / Weekly controller/ Central controller ports

| INDOOR MODEL                 |                           |                   | 42KTD024VS             | 42KTD036VS             | 42KTD048VS           | 42KTD055VS           |
|------------------------------|---------------------------|-------------------|------------------------|------------------------|----------------------|----------------------|
| Power supply                 |                           | V-ph-Hz           | 208-230V~, 60Hz, 1Ph   | 208-230V~, 60Hz, 1Ph   | 208-230V~, 60Hz, 1Ph | 208-230V~, 60Hz, 1Ph |
| Cooling                      | Capacity                  | Btu/h             | 24000(8000-25000)      | 36000(10000-38000)     | 48000(17000-49000)   | 55000(17000-56000)   |
|                              | Input                     | W                 | 2550                   | 3505                   | 5627                 | 6200                 |
|                              | EER                       | W/W               | 2.76                   | 3.01                   | 2.50                 | 2.6                  |
|                              | SEER                      |                   | 14                     | 16                     | 15                   | 14.5                 |
| Indoor air flow (Hi/Med/Lo)  |                           | m3/h              | 1200/950/650           | 1861/1370/1254         | 1890/1403/1314       | 1889/1410/1277       |
| Sound level (sound pressure) |                           | dB(A)             | 42.5/39/32.5           | 51.9/45.6/41.3         | 50.5/43.5/42         | 53.3/45.4/42.5       |
| Indoor unit                  | Dimension (WxDxH) (body)  | mm                | 840x840x205            | 840x840x287            | 840x840x287          | 840x840x287          |
|                              | Packing (WxDxH) (body)    | mm                | 900x900x225            | 900x900x292            | 900x900x292          | 900x900x292          |
|                              | Dimension (WxDxH) (panel) | mm                | 950x950x55             | 950x950x55             | 950x950x55           | 950x950x55           |
|                              | Packing (WxDxH) (panel)   | mm                | 1035x1035x90           | 1035x1035x90           | 1035x1035x90         | 1035x1035x90         |
|                              | Net/Gross weight(body)    | kg                | 22.0/25.5              | 29.2/33.5              | 29.7/33.9            | 29.4/33.6            |
|                              | Net/Gross weight(panel)   | kg                | 5/8                    |                        |                      |                      |
|                              | Design pressure           | MPa               | 4.2/1.5                |                        |                      |                      |
| Drainage water pipe dia.     |                           | mm                | ODΦ32                  |                        |                      |                      |
| Refrigerant piping           | Liquid side/<br>Gas side  | mm                | Φ9.52/Φ15.9(3/8"/5/8") | Φ9.52/Φ15.9(3/8"/5/8") | Φ9.52/Φ22(3/8"/7/8") | Φ9.52/Φ19(3/8"/3/4") |
| Controller                   |                           |                   | Remote control         |                        |                      |                      |
| Operation temperature        |                           | °C                | 17~30                  |                        |                      |                      |
| Room temperature Range       | Cooling                   | °C                | 17~32                  |                        |                      |                      |
| Qty'per 20' /40' /40'HQ      |                           | indoor unit panel | 100/212/238            |                        |                      |                      |

## Indoor Units



DUCTED SPLIT

- ▶ Slim profile, low height
- ▶ Quick & easy to install
- ▶ Flexible intake from back & below
- ▶ Flange and fresh air hole standard
- ▶ Standard & Easy to replace filters
- ▶ Adjustable external static pressure
- ▶ On/off, alarm ports
- ▶ Wired controller / Weekly controller/ Central controller ports

| INDOOR MODEL                   |                          |         | 42KSM024VS             | 42KSM036VS             | 42KSM048VS           | 42KSM055VS           |
|--------------------------------|--------------------------|---------|------------------------|------------------------|----------------------|----------------------|
| Power supply                   |                          | V-ph-Hz | 208-230V~, 60Hz, 1Ph   | 208-230V~, 60Hz, 1Ph   | 208-230V~, 60Hz, 1Ph | 208-230V~, 60Hz, 1Ph |
| Cooling                        | Capacity                 | Btu/h   | 24000(8000-25000)      | 36000(10000-38000)     | 48000(17000-49000)   | 55000(17000-56000)   |
|                                | Input                    | W       | 2200                   | 3287                   | 5627                 | 5656                 |
|                                | EER                      | W/W     | 3.2                    | 3.21                   | 2.50                 | 2.85                 |
|                                | SEER                     |         | 14                     | 17                     | 15                   | 16                   |
| Indoor air flow (Hi/Med/Lo)    |                          | m3/h    | 1420/1000/600          | 2328/1854/1570         | 2235/1780/1487       | 2328/1854/1570       |
| ESP                            | Rated                    | Pa      | 25                     | 37                     | 50                   | 50                   |
|                                | Range                    | Pa      | 0-100                  | 0-80                   | 0-100                | 0-100                |
| Indoor noise level (Hi/Med/Lo) |                          | dB(A)   | 42.0/37.5/32.0         | 47.9/42.9/38.8         | 47/42.5/40.5         | 47.2/42.5/38.5       |
| Indoor unit                    | Dimension (WxDxH)        | mm      | 1100x774x249           | 1200x865x300           | 1200x865x300         | 1200x865x300         |
|                                | Packing(WxDxH)           | mm      | 1305x805x305           | 1405x920x373           | 1405x920x373         | 1405x920x373         |
|                                | Net/Gross weight         | kg      | 25.8/30.6              | 44.5/53.3              | 44.5/53.2            | 44.6/53.4            |
| Design pressure                |                          | MPa     | 4.2/1.5                | 4.2/1.5                | 4.2/1.5              |                      |
| Drainage water pipe diameter   |                          | mm      | ODΦ25                  |                        |                      |                      |
| Refrigerant piping             | Liquid side/<br>Gas side | mm      | Φ9.52/Φ15.9(3/8"/5/8") | Φ9.52/Φ15.9(3/8"/5/8") | Φ9.52/Φ22(3/8"/7/8") | Φ9.52/Φ19(3/8"/3/4") |
| Controller                     |                          |         | Wired control          |                        |                      |                      |
| Operation temperature          |                          | °C      | 17~30                  |                        |                      |                      |
| Room temperature Range         | Cooling                  | °C      | 17~32                  |                        |                      |                      |
| Qty'per 20' /40' /40'HQ        |                          |         | Indoor                 | 77/161/184             | 60/126/147           | 60/126/147           |