

## FOUR-WAY CASSETTE

### Features

- Quiet operation
  - New irregular helix design fan blade enables the indoor unit to run at lowest sound levels
- Standard built-in high head drain pump
  - Up to 700mm drain head creating the ideal solution for perfect water drainage
- Fresh air inlet except for 5.8/7.1/8.0kW
  - Pre set fresh air inlet can introduce the outside fresh air into the room and greatly improves the indoor air quality, preventing a "sick building syndrome".
- Branch outlet except for 2.8/3.6/4.5kW
  - 1 or 2 branch outlets for flexible and better air distribution
- Advanced structure facilitating installation and maintenance
  - 90° rotation suction grille
  - Random installation direction
- Real compact design for 2.8/3.6/4.5kW
  - The panel dimensions are 700x700mm and the unit dimension is 570x570mm. Small footprint provides ease of installation
- Wired controller is standard



### Specification

| Model Name                 |                   | YVKVXH028WAR--GX | YVKVXH036WAR--GX                           | YVKVXH045WAR--GX                           | YVKVXH056WAR--GX                           |  |
|----------------------------|-------------------|------------------|--|--|--|--|
| Power Supply               |                   | Ph-V-Hz          | 1Ph/220~230V/50-60Hz                       | 1Ph/220~230V/50-60Hz                       | 1Ph/220~230V/50-60Hz                       |  |
| Nominal Capacity           |                   |                  |  |  |  |  |
| Cooling                    | Capacity          | kW               | 2.8  | 3.6  | 4.5  | 5.6  |
|                            | Input             | W                | 80   | 80   | 80   | 145  |
|                            | Current           | A                | 0.47                                       | 0.47                                       | 0.47                                       | 0.67                                       |
| Heating                    | Capacity          | kW               | 3.2  | 4  | 5  | 6.3  |
|                            | Input             | W                | 80   | 80   | 80   | 145  |
|                            | Current           | A                | 0.47                                       | 0.47                                       | 0.47                                       | 0.67                                       |
| Motor                      |                   |                  |  |  |  |  |
| Input                      | W                 | 72               | 72   | 72   | 142  |  |
| Capacitor                  | μF                | 2μF/450V         | 2μF/450V                                   | 2μF/450V                                   | 3μF/450V                                   |  |
| Speed (H/M/L)              | rpm               | 760/650/520      | 760/650/520                                | 760/650/520                                | 710/620/520                                |  |
| Performance                |                   |                  |  |  |  |  |
| Indoor Noise Level (H/M/L) | dB(A)             | 32/30/29         | 32/30/29                                   | 33/30/29                                   | 34/32/30                                   |  |
| External Static Pressure   | Pa                | /                | /  | /  | /  |  |
| Indoor Air Flow (H/M/L)    | m3/h              | 700/590/480      | 700/590/480                                | 700/590/480                                | 1200/1010/820                              |  |
| Piping Size                | Liquid/Gas        | mm               | ø6.35/ø9.52                                | ø6.35/ø12.7                                | ø6.35/ø12.7                                |  |
| Containerization           |                   |                  |  |  |  |  |
| Indoor unit                | Dimension (WxHxD) | mm               | 570x260x570(Cabinet)<br>700x60x700(Panel)  | 570x260x570(Cabinet)<br>700x60x700(Panel)  | 570x260x570(Cabinet)<br>700x60x700(Panel)  | 840x240x840(Cabinet)<br>950x60x950(Panel)  |
|                            | Packing (WxHxD)   | mm               | 705x335x667(Cabinet)<br>740x115x740(Panel) | 705x335x667(Cabinet)<br>740x115x740(Panel) | 705x335x667(Cabinet)<br>740x115x740(Panel) | 920x322x910(Cabinet)<br>992x115x992(Panel) |
|                            | Net/Gross weight  | kg               | 17+2.8/21+4.5                              | 19+2.8/23+4.5                              | 19+2.8/23+4.5                              | 30+6/32.5+7.5                              |
| Qty per 20'/40'/40'HQ      | Pieces            |                  | 120/240/280                                | 120/240/280                                | 120/240/280                                | 84/168/192                                 |

## FOUR-WAY CASSETTE



**50/60 Hz**  
50Hz and 60Hz, 220~230V power supply supports regions with unstable voltage, avoids power supply demand and saves inventory and transport costs.



**Built-in Drain Pump**  
Built-in drain pump can pump condensation to a high level, which facilitates draining condensation from indoor unit and makes installation easier.



**Quiet Operation**  
Advanced technology and compact design reduce noise level to as low as 29 decibels for a super quiet and comfortable user experience.



**4 Fan Settings**  
Smaller dimensions for easy installation and transportation, and reduces cost.



**Washable Filter**  
Washable filter allows for convenient service and maintenance.

| Model Name                 |                   |         | YVKVXH071WAR--GX                           | YVKVXH080WAR--GX                           | YVKVXH090WAR--GX                           | YVKVXH112WAR--GX                           | YVKVXH140WAR--GX                           |
|----------------------------|-------------------|---------|--|--|--|--|--|
| Power Supply               |                   | Ph-V-Hz | 1Ph/220~230V/50-60Hz                       | 1Ph/220~230V/50-60Hz                       | 1Ph/220~230V/50-60Hz                       | 1Ph/220~230V/50-60Hz                       | 1Ph/220~230V/50-60Hz                       |
| Nominal Capacity           |                   |         |  |  |  |  |  |
| Cooling                    | Capacity          | kW      | 7.1  | 8  | 9  | 11.2                                       | 14   |
|                            | Input             | W       | 145  | 145  | 150  | 150  | 150  |
|                            | Current           | A       | 0.67                                       | 0.67                                       | 0.76                                       | 0.76                                       | 0.76                                       |
| Heating                    | Capacity          | kW      | 8  | 9  | 10   | 12.5                                       | 16   |
|                            | Input             | W       | 145  | 145  | 150  | 150  | 150  |
|                            | Current           | A       | 0.67                                       | 0.67                                       | 0.76                                       | 0.76                                       | 0.76                                       |
| Motor                      |                   |         |  |  |  |  |  |
| Input                      | W                 |         | 142  | 142  | 148  | 148  | 148  |
| Capacitor                  | μF                |         | 3μF/450V                                   | 3μF/450V                                   | 8μF/450V                                   | 8μF/450V                                   | 8μF/450V                                   |
| Speed (H/M/L)              | rpm               |         | 710/620/520                                | 710/620/520                                | 675/610/530                                | 675/610/530                                | 675/610/530                                |
| Performance                |                   |         |  |  |  |  |  |
| Indoor Noise Level (H/M/L) | dB(A)             |         | 35/34/31                                   | 37/35/31                                   | 37/35/31                                   | 37/35/31                                   | 44/40/36                                   |
| External Static Pressure   | Pa                |         | /  | /  | /  | /  | /  |
| Indoor Air Flow (H/M/L)    | m3/h              |         | 1200/1010/820                              | 1200/1010/820                              | 1800/1610/1420                             | 1800/1610/1420                             | 1800/1610/1420                             |
| Piping Size                | Liquid/Gas        | mm      | ø9.52/ø15.88                               | ø9.52/ø15.88                               | ø9.52/ø15.88                               | ø9.52/ø15.88                               | ø9.52/ø15.88                               |
|                            |                   |         |  |  |  |  |  |
| Containerization           |                   |         |  |  |  |  |  |
| Indoor unit                | Dimension (WxHxD) | mm      | 840x240x840(Cabinet)<br>950x60x950(Panel)  | 840x240x840(Cabinet)<br>950x60x950(Panel)  | 840x295x840(Cabinet)<br>950x60x950(Panel)  | 840x295x840(Cabinet)<br>950x60x950(Panel)  | 840x295x840(Cabinet)<br>950x60x950(Panel)  |
|                            | Packing (WxHxD)   | mm      | 920x322x910(Cabinet)<br>992x115x992(Panel) | 920x322x910(Cabinet)<br>992x115x992(Panel) | 920x370x910(Cabinet)<br>992x115x992(Panel) | 920x370x910(Cabinet)<br>992x115x992(Panel) | 920x370x910(Cabinet)<br>992x115x992(Panel) |
|                            | Net/Gross weight  | kg      | 30+6/32.5+7.5                              | 30+6/32.5+7.5                              | 38+6/40+7.5                                | 38+6/40+7.5                                | 38+6/40+7.5                                |
| Qty per 20'/40'/40'HQ      | Pieces            |         | 84/168/192                                 | 84/168/192                                 | 60/126/147                                 | 60/126/147                                 | 60/126/147                                 |

**Rating Conditions(AHRI1230):**

|          |                     |                    |
|----------|---------------------|--------------------|
|          | Outdoor Temperature | Indoor Temperature |
| Cooling: | 35°DB/23.9°WB       | 26.7°DB/19.4°WB    |
| Heating: | 8.3°DB/6.1°WB       | 21.1°DB /15.6°WB   |