

**KANION**  
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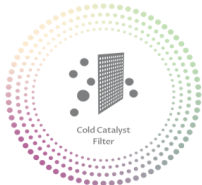
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premium



### Optional features



Smart App Controller  
works with the  
Google Assistant amazon alexa



### Standard Features



# Premium Series Wall Split Type Heat Pump Air Conditioner with R32 Environmentally Friendly Refrigerant

## Designed for European Union and Greater Europe

| Model         | Description   | Quotation (FOB) | 3M Copper Pipe & Cable Price | Certification   |
|---------------|---|-----------------|------------------------------|---|
| KWSM-09IR32HF | 9,000BTU, Premium Series Inverter Wall Split type Heat Pump with R32 New Environmentally Friendly Refrigerant, High Efficiency, 50hz  |                 |                              |  |
| KWSM-12IR32HF | 12,000BTU, Premium Series Inverter Wall Split type Heat Pump with R32 New Environmentally Friendly Refrigerant, High Efficiency, 50hz |                 |                              |   |
| KWSM-18IR32HF | 18,000BTU, Premium Series Inverter Wall Split type Heat Pump with R32 New Environmentally Friendly Refrigerant, High Efficiency, 50hz |                 |                              |   |
| KWSM-24IR32HF | 24,000BTU, Premium Series Inverter Wall Split type Heat Pump with R32 New Environmentally Friendly Refrigerant, High Efficiency, 50hz |                 |                              |   |

### General Specifications

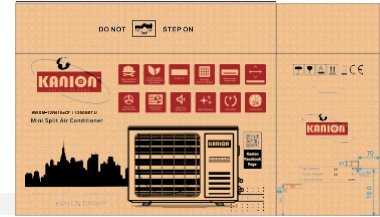
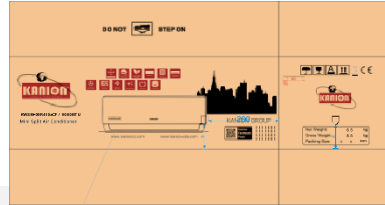
| Model No.                                    | KWSM-09IR32HF   | KWSM-12IR32HF                         | KWSM-18IR32HF                   | KWSM-24IR32HF                  |
|--|---|---------------------------------------|---------------------------------|--------------------------------|
| Power supply                                 | 220-240V~/50Hz/1P   |                                       |                                 |                                |
| Voltage Range                                | 165 ~ 265   |                                       |                                 |                                |
| Control type                                 | Remote Controller (Standard) / SmartApp Controller compatible with all major A.I. voice assistants (Optional) |                                       |                                 |                                |
| Declared cooling capacity                    | W   | 2600 (940 ~ 3300)                     | 3500 (1000 ~ 3770)              | 5100 (1250 ~ 5910)             |
| Declared heating capacity                    |   | 2610 (940 ~ 3360)                     | 3520 (1000 ~ 3810)              | 5100 (1250 ~ 6070)             |
| Pdesignc                                     |   | 2600                                  | 3500                            | 5100                           |
| SEER declared                                | W/W   | 61                                    |                                 |                                |
| Energy Class                                 |   | A++                                   |                                 |                                |
| EER declared                                 | W/W   | 3.15                                  | 3.21                            | 3.23                           |
| COP declared                                 |   | 3.4                                   | 3.61                            | 3.71                           |
| Pdesignh Average                             | W   | 2000                                  | 2100                            | 3800                           |
| SCOP Average declared                        | W/W   | 4.0                                   |                                 |                                |
| Energy Class (Average)                       |   | A++                                   |                                 |                                |
| Declarecapacity(-10°C)                       | W   | 1900                                  | 2000                            | 3600                           |
| Back up heating capacity (-10°C)             |   | 100                                   |                                 | 200                            |
| Pdesignh warmer                              |   | 2650                                  | 3500                            | 5200                           |
| SCOP Warmer declared                         | W/W   | 51                                    |                                 |                                |
| Energy Class (Warmer)                        |   | A+++                                  |                                 |                                |
| Declarecapacity(2°C)                         | w   | 2650                                  | 3500                            | 5200                           |
| Back up heating capacity (2°C)               |   | 0                                     |                                 |                                |
| Annualenergyconsumption                      | Cooling   | 149                                   | 201                             | 293                            |
|  | Average   | 700                                   | 735                             | 1330                           |
|  | Warmer  | 604                                   | 659                             | 1373                           |
| Moisture removal                             | Liters/h  | 1                                     | 1.2                             | 1.5                            |
| Indoor sound power (S / H / M / L / Mute)    | dB (A)  | 50 / 47 / 43 / 35 / 32                |                                 | 53 / 50 / 47 / 43 / 36         |
| Outdoor sound power                          |   | 60                                    |                                 | 65                             |
| Indoor sound pressure (S / H / M / L / Mute) |   | 40 / 37 / 33 / 25 / 22                |                                 | 43 / 41 / 38 / 35 / 27         |
| Outdoor sound pressure                       |   | 50                                    |                                 | 55                             |
| Power supply side                            |   | Outdoor                               |                                 |                                |
| Operating current                            | Cooling   | A                                     | 4.0 (1.2 ~ 8.0)                 | 5.8 (1.5 ~ 9.0)                |
|  | Heating   |                                       | 3.8 (1.2 ~ 9.0)                 | 5.1 (1.5 ~ 10.0)               |
| Power consumption                            | Cooling   | W                                     | 825 (240 ~ 1380)                | 1130 (290 ~ 1500)              |
|  | Heating   |                                       | 767 (240 ~ 1552)                | 1005 (290 ~ 1720)              |
| Refrigerant type                             | R32 Environmentally Friendly Refrigerant  |                                       |                                 |                                |
| Heat exchanger                               | Golden Fin  |                                       |                                 |                                |
| Compressor                                   | Type  | Rotary                                |                                 |                                |
|  | MFG   | RECHI                                 | GMCC                            | SANYO                          |
| Indoor air circulation (Cooling/heating)     | m3 / h  | 420 / 420                             | 550 / 550                       | 800 / 800                      |
| Indoor fan type                              |   | Cross Flow                            |                                 |                                |
| Indoor fan speed (S / H / M / L / Mute)      | Cooling   | rpm                                   | 1400 / 1300 / 1100 / 1000 / 900 | 1350 / 1200 / 1000 / 850 / 750 |
|  | Heating   |                                       | 1250 / 1150 / 1000 / 900 / 800  | 1400 / 1260 / 1050 / 870 / 800 |
|  | Dry   |                                       | 1000                            | 850                            |
| Outdoor fan type                             |   | Propeller fan                         |                                 |                                |
| Outdoor air circulation                      | m3 / h  | 1700                                  |                                 | 2600                           |
| Outdoor fan speed (S / H / M / L / Mute)     | Cooling   | rpm                                   | 930 / 930 / 830 / 730 / 630     | 1000 / 910 / 830 / 710 / 710   |
|  | Heating   |                                       | 950 / 950 / 830 / 710 / 710     | 910 / 830 / 710 / 630 / 450    |
| Connecting Wiring                            | Core * Size   | 4 * 0.75mm <sup>2</sup>               |                                 |                                |
| Expension device                             |   | Capillary                             |                                 |                                |
| Connecting Pipe                              | Gas   | Inches                                | 3 / 8"                          |                                |
|  | Liquid  |                                       | 1 / 4"                          |                                |
| Application area                             | m <sup>2</sup>  | 9 ~ 25                                | 14 ~ 35                         | 20 ~ 50                        |
| Max. refrigerant pipe length                 | m   | 25                                    |                                 |                                |
| Max. difference in level                     |   | 10                                    |                                 |                                |
| Operation temperature range                  |   | 16 ~ 31                               |                                 |                                |
| Ambient temperature range                    | Outdoor   | Cooling: -15 ~ 53 / Heating: -20 ~ 30 |                                 |                                |
|  | Indoor  | Cooling: 17 ~ 32 / Heating: 0 ~ 30    |                                 |                                |

|                                |         |     |                 |                 |                 |                  |
|--------------------------------|---------|-----|-----------------|-----------------|-----------------|------------------|
| Net dimensions (W * H * D)     | Indoor  | mm  | 698 * 255 * 190 | 777 * 250 * 201 | 910 * 294 * 206 | 1010 * 315 * 220 |
|                                | Outdoor |     | 712 * 276 * 459 |                 | 853 * 602 * 349 | 920 * 699 * 380  |
| Net weight                     | Indoor  | kg  | 6.5             | 7.5             | 10              | 13               |
|                                | Outdoor |     | 22              | 22              | 35              | 40               |
| Packing dimensions (W * H * D) | Indoor  | mm  | 764 * 325 * 257 | 840 * 315 * 260 | 979 * 372 * 277 | 1096 * 390 * 297 |
|                                | Outdoor |     | /               |                 | 890 * 628 * 385 | 960 * 732 * 430  |
| Gross weight                   | Indoor  | kg  | 8.5             | 10              | 13              | 16               |
|                                | Outdoor |     | 25              | 25              | 39              | 46               |
| Loading Quantity               |         | set | 330             | 315             | 200             | 145              |

Trade Terms

1. Warranty: 5 years for compressor, 2 years for units

Package & Carton For Reference



Suitable for Every House  
 Easy to Install and Maintain  
 Energy Saving - Economy for People and the Environment  
 Comfort, Safety and Healthy Living with Kanion AC Outstanding Features  
 5 Year for Compressor and 2 Years for Parts, Kanion Warranty



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