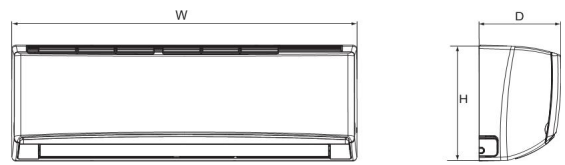


# VITAL

| Model                     | C&H                   |                 | CH-S09FTXF-NG               | CH-S12FTXF-NG               | CH-S18FTXF-NG               | CH-S24FTXF-NG               |
|---------------------------|-----------------------|-----------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
|                           |                       |                 |                             |                             |                             |                             |
| Capacity                  | Cooling               | W               | 2500(500~3350)              | 3200(600~3600)              | 4600(650~5200)              | 6160(2000~8200)             |
|                           | Heating               | W               | 2800(500~3300)              | 3400(600~3800)              | 5200(700~5400)              | 6450(2000~8500)             |
| Power supply              |                       | Type/phase/V/Hz | ~1ph/220-240/50             | ~1ph/220-240/50             | ~1ph/220-240/50             | ~1ph/220-240/50             |
| Nominal capacity          | Cooling               | W               | 780(160~1400)               | 990(160~1400)               | 1430(160~1700)              | 1760(160~2500)              |
|                           | heating               | W               | 780(200~1500)               | 940(200~1500)               | 1400(200~1600)              | 1860(200~2600)              |
| Working current           | Cooling               | A               | 3,99                        | 4,50                        | 6,30                        | 6,55                        |
|                           | heating               | A               | 3,74                        | 4,40                        | 6,20                        | 6,98                        |
| Energy efficiency         | EER (cooling)         | W/W             | 3,20                        | 3,21                        | 3,22                        | 3,28                        |
|                           | C.O.P. (heat)         | W/W             | 3,60                        | 3,61                        | 3,71                        | 3,81                        |
| SEER                      | SEER (cooling)        |                 | 6,1                         | 6,1                         | 6,1                         | 6,1                         |
|                           | SCOP (heating)        |                 | 4                           | 4                           | 4                           | 4                           |
| Energy class              | cooling/heating       |                 | A++/A+                      | A++/A+                      | A++/A+                      | A++/A+                      |
| Dehumidifying             |                       | ltr/h           | 0,8                         | 1,4                         | 1,8                         | 1,8                         |
| Working temperature range | Cooling               | °C              | -15~43                      | -15~43                      | -15~43                      | -15~43                      |
|                           | Heating               | °C              | -15~24                      | -15~24                      | -15~24                      | -15~24                      |
| <b>Indoor unit</b>        |                       |                 |                             |                             |                             |                             |
| Airflow capacity          | (max~min)             | m3/h            | 550/500/430/300/-           | 550/500/430/300/-           | 850/720/610/520/-           | 850/720/610/520/-           |
| Sound power level         | (max~min)             | dB(A)           | 49/42/38/35/-               | 49/44/39/36/-               | 54/49/43/38/-               | 54/49/43/38/-               |
| dimensions                | (width/height/depth)  | mm              | 773x250x185                 | 773x250x185                 | 970x300x225                 | 970x300x225                 |
| packing dimensions        | (width/height/depth)  | mm              | 822x322x255                 | 822x322x255                 | 1020x369x295                | 1020x369x295                |
| Weight                    | netto/brutto          | kg              | 8,5/9,5                     | 8,5/9,5                     | 13,5/16,5                   | 13,5/16,5                   |
| <b>Outdoor unit</b>       | <b>Product Code</b>   |                 |                             |                             |                             |                             |
| Sound power level         |                       | dB(A)           | 60                          | 62                          | 64                          | 65                          |
| Dimensions                | (width/height/depth)  | mm              | 782x540x320                 | 848x596x320                 | 848x596x320                 | 955x700x396                 |
| Packing dimensions        | (width/height/depth)  | mm              | 823x358x595                 | 881x363x645                 | 881x363x645                 | 1029x750x458                |
| Weight                    | netto/brutto          | kg              | 29/32                       | 30/34                       | 34/37                       | 45/47                       |
| Compressor                | type                  |                 | rotary                      | rotary                      | rotary                      | rotary                      |
|                           | manufacturer          |                 | Zhunai Landa Compressor LTD | Zhunai Landa Compressor LTD | Zhunai Landa Compressor LTD | Zhunai Landa Compressor LTD |
| refrigerant               | R32                   | g               | 600                         | 650                         | 770                         | 1300                        |
| Sound pressure level      |                       | db(A)           | 52                          | 52                          | 54                          | 56                          |
| Connection pipes          | standard length       | m               | 5                           | 5                           | 5                           | 5                           |
|                           | Min length            | m               | 3                           | 3                           | 5                           | 5                           |
|                           | Max length            | m               | 15                          | 20                          | 25                          | 25                          |
|                           | Max height difference | m               | 10                          | 10                          | 10                          | 10                          |
| Electrical connection     | power supply place    |                 | Outdoor                     | Outdoor                     | Outdoor                     | Outdoor                     |
|                           |                       |                 |                             |                             |                             |                             |

indoor unit dimensions



| model/mm   | W   | H   | D   |
|------------|-----|-----|-----|
| CH-S09FTXF | 773 | 250 | 185 |
| CH-S12FTXF | 773 | 250 | 185 |
| CH-S18FTXF | 970 | 300 | 225 |
| CH-S24FTXF | 970 | 300 | 225 |