



AIR CONDITIONING SOLUTIONS

# High Wall Unit 42KHL/42XPL

Keep your **air cool** and **clean**

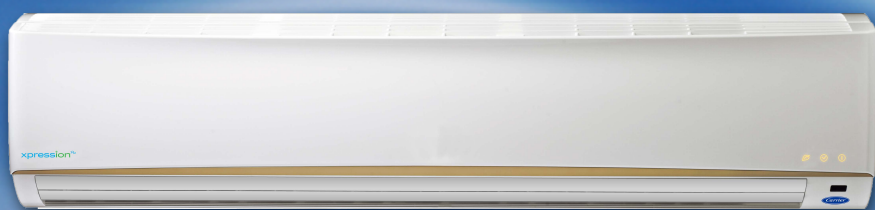
## Features

Ionizer technology

Advanced indoor quality system

Low noise level

Sleep mode



xpression<sup>Pro</sup>



## High Wall Unit 42KHL/42XPL



### Technical specifications

| Indoor Unit                                                                  |                       | Unit      | COOL ONLY                                                    |            |                                                                              |                  |
|------------------------------------------------------------------------------|-----------------------|-----------|--------------------------------------------------------------|------------|------------------------------------------------------------------------------|------------------|
|                                                                              |                       |           | 42KHL0187P                                                   | 42KHL0247P | 42XPL030C7P                                                                  | 42XPL0367P       |
| Unit Size                                                                    | Cooling               | TR        | 1.5                                                          | 2.0        | 2.5                                                                          | 3.0              |
| Capacity at T1                                                               |                       | BTU/h     | 18,000                                                       | 22,000     | 29,000                                                                       | 33,500           |
|                                                                              |                       | Watts     | 5,275                                                        | 6,448      | 8,499                                                                        | 9,818            |
| Capacity at T3                                                               |                       | BTU/h     | 15,500                                                       | 18,500     | 25,000                                                                       | 28,500           |
|                                                                              |                       | Watts     | 4,543                                                        | 5,422      | 7,327                                                                        | 8,353            |
| Power Supply                                                                 |                       | V-Ph-Hz   | 220/240-1-50                                                 |            |                                                                              |                  |
| Total System Power Input (OU + IU) at T1                                     | Cooling               | Watts     | 1,560                                                        | 1,940      | 2,500                                                                        | 2,980            |
| Total System Power Input (OU + IU) at T3                                     |                       | Watts     | 1,865                                                        | 2,225      | 3,000                                                                        | 3,590            |
| EER at T1                                                                    |                       | Btu/w-h   | 11.54                                                        | 11.34      | 11.60                                                                        | 11.24            |
| EER at T3                                                                    |                       | Btu/w-h   | 8.31                                                         |            | 8.33                                                                         | 7.94             |
| Air Filter Type                                                              |                       |           | 5 Steps/ Dust Collector + Carbon + Triple Filter and Ionizer |            | 6 Steps/ Dust Collector + Carbon Photo Catalytic + Triple Filter and Ionizer |                  |
| Air Flow Rate (High/ Medium/ Low Speed)                                      |                       | CFM       | 584 / 532 / 473                                              |            | 850 / 770 / 700                                                              | 870 / 800 / 730  |
| Indoor Sound Pressure Level (High/ Medium/ Low Speed)                        |                       | dBA       | 45 / 44 / 41                                                 |            | 49.2 / 47.0 / 44.9                                                           | 50.8 49.2 / 46.5 |
| Net Weight                                                                   |                       | Kg        | 14                                                           |            | 23                                                                           |                  |
| Dimensions (W x D x H)                                                       |                       | mm        | 1080 x 231 x 295                                             |            | 1460 x 277 x 340                                                             |                  |
| Pipe Connection Size                                                         | Liquid                | inch      | 1/4                                                          |            |                                                                              |                  |
|                                                                              | Suction               | inch      | 5/8                                                          |            |                                                                              |                  |
|                                                                              | Drain                 | inch      | 5/8                                                          |            | 3/4                                                                          |                  |
| Outdoor Unit                                                                 |                       | Unit      | COOL ONLY                                                    |            |                                                                              |                  |
|                                                                              |                       |           | 38KHL0187                                                    | 38KHL0247  | 38XPL030C7                                                                   | 38XP036C7        |
| Power Supply                                                                 |                       | V-Ph-Hz   | 220/240-1-50                                                 |            |                                                                              |                  |
| Compressor Type                                                              |                       |           | Rotary                                                       |            | Scroll                                                                       |                  |
| Refrigerant                                                                  |                       |           | R410A                                                        |            |                                                                              |                  |
| Pipe Connection Size                                                         | Liquid                | inch      | 1/8                                                          |            |                                                                              |                  |
|                                                                              | Suction               | inch      | 5/8                                                          |            |                                                                              |                  |
| Refrigerant Pipe (Max Length)                                                | Vertical + Horizontal | mts       | 30                                                           |            | 40                                                                           |                  |
|                                                                              | Vertical (OU & IU)    | mts       | 15                                                           |            |                                                                              |                  |
| Recommended Wire Size/No. of Wires for Power Supply to Condensing Unit *     |                       | mm² / qty | 2.5 / 2 + 1 Earth                                            |            | 4.0 / 2 + 1 Earth                                                            |                  |
| Recommended Wire Size/No. of Wires for Power Supply FCU to Condensing Unit * |                       |           | 1.0 / 3 + 1 Earth                                            |            |                                                                              |                  |
| Dimensions (W x D x H)                                                       |                       | mm        | 900 x 320 x 690                                              |            |                                                                              |                  |
| Net Weight                                                                   |                       | Kg        | 49                                                           | 52         | 58                                                                           | 70               |
| Max Outdoor Air Temperature Operation                                        |                       | °C        | 52                                                           |            |                                                                              |                  |

#### Notes:

1. T1 conditions: Indoor Air Temperatures 27°C (DB) / 19°C (WB) and Outdoor Air Temperatures 35°C (DB) / 24°C (WB)

2. T3 conditions: Indoor Air Temperatures 29°C (DB) / 19°C (WB) and Outdoor Air Temperatures 46°C (DB) / 24°C (WB)

\* Recommended wire sizes are for reference & guidance ONLY, all field wires should comply with National and International Electrical Codes

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