

## HAN

### ROOFTOP UNITS

7 Heat Pump models  
From 9,6 kW to 30,5 kW

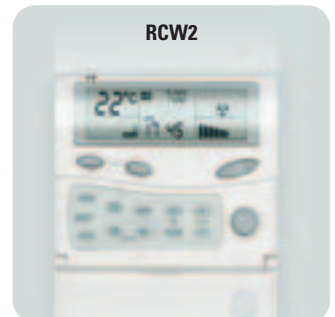
OUTDOOR UNIT **HAN 10-13-15-17-19-25-31**



### PRODUCT ADVANTAGES

- Weather resistance casing with external panels and drain pan coated with powder-based epoxy paint (RAL 9001).
- Base rail with forklift slots to facilitate transportation and handling.
- Technical compartment independent from airstreams allowing service works to be performed without disturbing the unit operation.
- High EER and environmentally friendly refrigerant R410A with zero ODP (Ozone Depleting Potential).
- High efficiency scroll compressor with crankcase heater.
- Condenser coils with hydrophilic coated fins to improve removal of water droplets during defrost cycles.
- Standard microprocessor based control by CAC CONTROLLER.
- Optional programmable controller RCW2 to control up to 15 units with independent set points and programming.
- Factory fitted low ambient temperature control (optional) to ensure cooling operation down to -10°C outdoor temperature.
- G2 synthetic air filter and duct mounted electric heater supplied as option for field installation.

**RCW2**





## HAN

|                                 |                                                   |          | HAN 10        | HAN 13        | HAN 15        | HAN 17        | HAN 19        | HAN 25         | HAN 31         |
|---------------------------------|---------------------------------------------------|----------|---------------|---------------|---------------|---------------|---------------|----------------|----------------|
| <b>Cooling</b>                  | Cooling Capacity                                  | kW       | 9,8           | 13,0          | 14,5          | 16,8          | 18,9          | 25,4           | 31,0           |
|                                 | Power input                                       | kW       | 3,7           | 4,5           | 4,9           | 6,0           | 6,5           | 8,6            | 10,0           |
|                                 | EER                                               |          | 2,64          | 2,88          | 2,95          | 2,8           | 2,9           | 2,95           | 3,1            |
|                                 | Outdoor temperature operating limits <sup>1</sup> | °C       | 15/50°C       | 15/50°C       | 15/50°C       | 15/50°C       | 15/50°C       | 15/50°C        | 15/50°C        |
| <b>Heating</b>                  | Heating Capacity                                  | kW       | 9,6           | 12,1          | 14,2          | 15,8          | 19,0          | 24,2           | 30,5           |
|                                 | Input power                                       | kW       | 3,0           | 4,3           | 4,5           | 5,7           | 6,0           | 8,8            | 9,5            |
|                                 | COP                                               |          | 3,2           | 2,8           | 3,1           | 2,7           | 3,1           | 2,75           | 3,2            |
|                                 | Outdoor temperature operating limits <sup>1</sup> | °C       | -10/24°C      | -10/24°C      | -10/24°C      | -10/24°C      | -10/24°C      | -10/24°C       | -10/24°C       |
| <b>Outdoor unit</b>             | Sound power level (Indoor)                        | dB(A)    | 79,7          |               | 79,3          | 79,3          |               |                | 86,4           |
|                                 | Sound power level (Outdoor)                       | dB(A)    | 76,1          |               | 75,0          | 75,0          |               |                | 82,7           |
|                                 | Available static pressure                         | Pa       | 90            | 100           | 170           | 160           | 210           | 240            | 250            |
|                                 | Air flow                                          | Nominal  | m³/h          | 5200          | 9000          | 9000          | 9000          | 9000           | 12000          |
|                                 |                                                   | Min./Max | m³/h          |               |               |               |               |                |                |
|                                 | Compressor type                                   |          | Scroll        | Scroll        | Scroll        | Scroll        | Scroll        | Scroll         | Scroll         |
|                                 | Number of compressor                              |          | 1             | 1             | 1             | 1             | 1             | 1              | 1              |
|                                 | Dimensions (WxDxH)                                | mm       | 1115x1150x750 | 1320x1345x905 | 1320x1345x905 | 1320x1345x905 | 1320x1345x905 | 1420x1445x1320 | 1420x1445x1320 |
|                                 | Weight                                            | kg       | 165           | 219           | 223           | 223           | 243           | 320            | 343            |
|                                 |                                                   |          |               |               |               |               |               |                |                |
| <b>Power supply 3-400V-50Hz</b> | <b>Part number</b>                                |          |               |               |               |               |               |                |                |
|                                 | <b>Price</b>                                      | €        |               |               |               |               |               |                |                |
| <b>Power supply 3-400V-50Hz</b> | <b>Part number</b>                                |          |               |               |               |               |               |                |                |
|                                 | <b>Price</b>                                      | €        |               |               |               |               |               |                |                |
| <b>Power supply 3-400V-50Hz</b> | Power supply side                                 |          |               |               |               |               |               |                |                |
|                                 | Power cable section                               | mm²      |               |               |               |               |               |                |                |
|                                 | Fuse rating am                                    | A        | 16            | 16            | 20            | 20            | 25            | 32             | 32             |

<sup>1</sup> Min/Max