

# NRB 0800-3600

## Air-water chiller with shell and tube heat exchanger

Cooling capacity 217 ÷ 1049 kW

- Microchannel coil
- Shell and tube heat exchanger
- Night mode
- Operation up to 50 °C outdoor air
- HP floating: ESEER +7% with inverter fans



### DESCRIPTION

Air-cooled outdoor chiller designed to meet air conditioning needs in residential/commercial complexes or industrial applications.

They are outdoor units with axial fan scroll compressors, microchannel coils and Shell and tube exchangers.

In the unit with desuperheater, it is also possible to produce free-hot water.

The base, the structure and the panels are made of galvanized steel treated with polyester paint RAL 9003.

### VERSIONS

° Standard

A High efficiency

E Silenced high efficiency

L Standard silenced

N Silenced very high efficiency

U Very high efficiency

### FEATURES

#### Operating field

Operation at full load up to 50°C external air temperature. Unit can produce chilled water (up to -10°C of water produced in some versions).

#### Dual-circuit unit

Unit with 2 refrigerant circuits designed to provide maximum efficiency at full load, ensuring high efficiency at partial loads also and ensuring continuity in case one of the circuits stops.

#### Aluminium microchannel coils

The microchannel condensing aluminum coils ensure high levels of efficiency, reduced quantities of refrigerant and lower unit weight. The treatment "O" available as configurator it ensures high resistance to corrosion even in the most aggressive environments.

#### Electronic expansion valve

The possibility to use electronic expansion valve, offers significant benefits, especially when the chiller is working with partial loads, increasing the energy efficiency of the unit.

It is standard in all sizes from 1805 to 3600.

#### Option integrated hydronic kit

Integrated hydronic kit containing the main hydraulic components; available with various configurations with one or two pumps, high or low head, to obtain a solution that allows you to save money and to facilitate installation.

#### CONTROL PCO<sup>5</sup>

Microprocessor adjustment, with 7", touch screen keyboard, which allows to navigate intuitively among the various screens, allowing to modify the operating parameters and graphically view the progress of some variables in real time and the adjustment includes complete management of the alarms and their log.

- Possibility to control two units in a Master-Slave configuration
- The presence of a programmable timer allows functioning time periods and a possible second set-point to be set.
- The temperature control takes place with the integral proportional logic, based on the water output temperature.
- **Floating HP control:** available for all models with inverter fans or with DCPX. Together with continuous fan modulation, it optimises unit operation in any working point, enhancing energy efficiency with partial loads. **ESEER up to +7% with inverter fans.**
- **Night Mode:** it is possible to set a silenced operation profile. Perfect for night operation since it guarantees greater acoustic comfort in the evenings, and a high efficiency in the time of greater load. **Night Mode for standard versions is mandatory DCPX accessory (standard on all low noise versions) or "J" inverter fan**

## CONFIGURATOR

| Field          | Description                                                                                                         |
|----------------|---------------------------------------------------------------------------------------------------------------------|
| <b>1,2,3</b>   | <b>NRB</b>                                                                                                          |
| <b>4,5,6,7</b> | <b>Size</b><br>0800, 0900, 1000, 1100, 1200, 1400, 1600, 1805, 2006, 2206, 2406, 2600, 2800, 3000, 3200, 3400, 3600 |
| <b>8</b>       | <b>Operating field</b>                                                                                              |
| °              | Standard mechanic thermostatic valve (1)                                                                            |
| X              | Electronic thermostatic expansion valve (1)                                                                         |
| Y              | Low temperature mechanic thermostatic valve (2)                                                                     |
| Z              | Low temperature electronic thermostatic valve (2)                                                                   |
| <b>9</b>       | <b>Model</b>                                                                                                        |
| Q              | Cooling only with shell and tube heat exchanger                                                                     |
| <b>10</b>      | <b>Heat recovery</b>                                                                                                |
| °              | Without heat recovery                                                                                               |
| D              | With desuperheater (3)                                                                                              |
| T              | With total recovery (4)                                                                                             |
| <b>11</b>      | <b>Version</b>                                                                                                      |
| °              | Standard                                                                                                            |
| A              | High efficiency                                                                                                     |
| E              | Silenced high efficiency                                                                                            |
| L              | Standard silenced                                                                                                   |
| N              | Silenced very high efficiency                                                                                       |
| U              | Very high efficiency                                                                                                |
| <b>12</b>      | <b>Coils</b>                                                                                                        |
| °              | Aluminium microchannel                                                                                              |
| I              | Copper-aluminium                                                                                                    |
| O              | Coated aluminium microchannel                                                                                       |
| R              | Copper pipes-copper fins                                                                                            |
| S              | Copper pipes-Tinned copper fins                                                                                     |
| V              | Copper pieps-Coated aluminium fins                                                                                  |
| <b>13</b>      | <b>Fans</b>                                                                                                         |
| °              | Standard                                                                                                            |
| J              | Inverter                                                                                                            |

### Compatible with total recovery

| Version                       |   | 800 | 900 | 1000 | 1100 | 1200 | 1400 | 1600 | 1805 | 2006 | 2206 | 2406 | 2600 | 2800 | 3000 | 3200 | 3400 | 3600 |
|-------------------------------|---|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| standard                      | ° | -   | -   | -    | -    | -    | -    | -    | -    | -    | -    | *    | *    | *    | *    | *    | *    | *    |
| Standard silenced             | L | -   | -   | -    | -    | -    | -    | -    | -    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| High efficiency               | A | -   | -   | -    | -    | -    | -    | -    | -    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Silenced high efficiency      | E | -   | -   | -    | -    | -    | -    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Very high efficiency          | U | -   | -   | -    | -    | -    | -    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Silenced very high efficiency | N | -   | -   | -    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |

### Compatibility of models with hydronic units available with a configurator

| Version                       |   | 800 | 900 | 1000 | 1100 | 1200 | 1400 | 1600 | 1805 | 2006 | 2206 | 2406 | 2600 | 2800 | 3000 | 3200 | 3400 | 3600 |
|-------------------------------|---|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| standard                      | ° | -   | -   | -    | -    | *    | -    | -    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Standard silenced             | L | -   | -   | *    | -    | -    | -    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| High efficiency               | A | -   | -   | *    | -    | -    | -    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Silenced high efficiency      | E | *   | *   | -    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Very high efficiency          | U | *   | *   | -    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |
| Silenced very high efficiency | N | *   | *   | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    | *    |

## ACCESSORIES

**AER485P1:** RS-485 interface for supervision systems with MODBUS protocol.

**AERBACP:** Ethernet communication Interface for protocols Bacnet/IP, Modbus TCP/IP, SNMP

**AERNET:** The device allows the control, the management and the remote monitoring of a Chiller with a PC, smartphone or tablet using Cloud connection. AERNET works as Master while every unit connected is configured as Slave (max. 6 unit); also, with a simple click is possible to save a log file with all the connected unit datas in the personal terminal for post analysis.

**FL:** Flow switch.

**MULTICHILLER\_EVO:** Control, switch-on and switch-off system of the single chillers where multiple units are installed in parallel, always ensuring constant flow rate to the evaporators.

**PGD1:** Allows you to control the unit at a distance.

**AVX:** Spring anti-vibration supports.

**DCPX:** Device for condensation temperature control, with continuous speed modulation of fans by using a pressure transducer.

| Field        | Description                                |
|--------------|--------------------------------------------|
| M            | Oversized                                  |
| <b>14</b>    | <b>Power supply</b>                        |
| °            | 400V ~ 3 50Hz with magnet circuit breakers |
| <b>15,16</b> | <b>Integrated hydronic kit</b>             |
|              | <b>Without hydronic kit (5)</b>            |
| 00           | Without hydronic kit                       |
|              | <b>Kit with n° 1 pump</b>                  |
| PA           | Pump A                                     |
| PB           | Pump B                                     |
| PC           | Pump C                                     |
| PD           | Pump D                                     |
| PE           | Pump E                                     |
| PF           | Pump F                                     |
| PG           | Pump G                                     |
| PH           | Pump H                                     |
| PI           | Pump I                                     |
| PJ           | Pump J                                     |
|              | <b>Pump n° 1 pump + stand-by pump</b>      |
| DA           | Pump A + stand-by pump                     |
| DB           | Pump B + stand-by pump                     |
| DC           | Pump C + stand-by pump                     |
| DD           | Pump D + stand-by pump                     |
| DE           | Pump E + stand-by pump                     |
| DF           | Pump F + stand-by pump                     |
| DG           | Pump G + stand-by pump                     |
| DH           | Pump H + stand-by pump                     |
| DI           | Pump I + stand-by pump                     |
| DJ           | Pump J + stand-by pump                     |

(1) Water produced from 4 °C ÷ 18 °C

(2) Processed water from 4°C to -8°C for the ° - L versions, and from 4°C to -10°C for A - E - U - N versions

(3) The temperature of the water in the heat exchanger inlet must never drop below 35°C.

(4) For compatibility with total recovery see table below.

(5) For compatibility with the hydronic kit, see the table below.

## FACTORY FITTED ACCESSORIES

**DRE:** Electronic device for peak current reduction.

**RIF:** Power factor correction. Connected in parallel to the motor allowing about 10% reduction of input current.

**GP\_:** Anti-intrusion grid kit

**KRS:** Electric heater for the heat exchanger

## ACCESSORIES COMPATIBILITY

| Model            | Ver        | 0800 | 0900 | 1000 | 1100 | 1200 | 1400 | 1600 | 1805 | 2006 | 2206 | 2406 | 2600 | 2800 | 3000 | 3200 | 3400 | 3600 |
|------------------|------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| AER485P1         | °A,E,L,N,U | .    | .    | .    | .    | .    | .    | .    | .    | .    | .    | .    | .    | .    | .    | .    | .    | .    |
| AERBACP          | °A,E,L,N,U | .    | .    | .    | .    | .    | .    | .    | .    | .    | .    | .    | .    | .    | .    | .    | .    | .    |
| AERNET           | °A,E,L,N,U | .    | .    | .    | .    | .    | .    | .    | .    | .    | .    | .    | .    | .    | .    | .    | .    | .    |
| FL               | °A,E,L,N,U | .    | .    | .    | .    | .    | .    | .    | .    | .    | .    | .    | .    | .    | .    | .    | .    | .    |
| MULTICHILLER_EVO | °A,E,L,N,U | .    | .    | .    | .    | .    | .    | .    | .    | .    | .    | .    | .    | .    | .    | .    | .    | .    |
| PGD1             | °A,E,L,N,U | .    | .    | .    | .    | .    | .    | .    | .    | .    | .    | .    | .    | .    | .    | .    | .    | .    |

### Antivibration

| Ver                                                                                                     | 0800    | 0900    | 1000    | 1100    | 1200    | 1400    | 1600    | 1805    | 2006    | 2206    | 2406    | 2600    | 2800    | 3000    | 3200    | 3400    | 3600    |
|---------------------------------------------------------------------------------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Integrated hydronic kit: 00                                                                             |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| °                                                                                                       | AVX1107 | AVX1107 | AVX1107 | AVX1107 | AVX1108 | AVX1108 | AVX1108 | AVX1109 | AVX1109 | AVX1109 | AVX1110 | AVX1112 | AVX1114 | AVX1114 | AVX1114 | AVX1106 | AVX1106 |
| A,L                                                                                                     | AVX1107 | AVX1107 | AVX1108 | AVX1108 | AVX1108 | AVX1108 | AVX1109 | AVX1109 | AVX1110 | AVX1110 | AVX1111 | AVX1105 | AVX1105 | AVX1105 | AVX1102 | AVX1102 | AVX1102 |
| E,U                                                                                                     | AVX1108 | AVX1108 | AVX1108 | AVX1109 | AVX1109 | AVX1109 | AVX1110 | AVX1111 | AVX1111 | AVX1105 | AVX1105 | AVX1102 | AVX1102 | AVX1113 | AVX1103 | AVX1103 | AVX1103 |
| N                                                                                                       | AVX1109 | AVX1109 | AVX1109 | AVX1110 | AVX1110 | AVX1110 | AVX1111 | AVX1105 | AVX1105 | AVX1102 | AVX1102 | AVX1113 | AVX1113 | AVX1103 | AVX1104 | AVX1104 | AVX1104 |
| Integrated hydronic kit: DA, DB, DC, DD, DE, DF, DG, DH, DI, DJ, PA, PB, PC, PD, PE, PF, PG, PH, PI, PJ |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| °                                                                                                       | -       | -       | -       | -       | AVX1108 | -       | -       | AVX1109 | AVX1109 | AVX1109 | AVX1110 | AVX1112 | AVX1114 | AVX1114 | AVX1114 | AVX1106 | AVX1106 |
| A,L                                                                                                     | -       | -       | AVX1108 | -       | -       | -       | AVX1109 | AVX1109 | AVX1110 | AVX1110 | AVX1111 | AVX1105 | AVX1105 | AVX1105 | AVX1102 | AVX1102 | AVX1102 |
| E,U                                                                                                     | AVX1108 | AVX1108 | -       | AVX1109 | AVX1109 | AVX1109 | AVX1110 | AVX1111 | AVX1111 | AVX1105 | AVX1105 | AVX1102 | AVX1102 | AVX1113 | AVX1103 | AVX1103 | AVX1103 |
| N                                                                                                       | AVX1109 | AVX1109 | AVX1109 | AVX1110 | AVX1110 | AVX1110 | AVX1111 | AVX1105 | AVX1105 | AVX1102 | AVX1102 | AVX1113 | AVX1113 | AVX1103 | AVX1104 | AVX1104 | AVX1104 |

### Condensation control temperature

| Ver     | 0800        | 0900        | 1000        | 1100        | 1200        | 1400        | 1600        | 1805        | 2006        |
|---------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Fans: ° |             |             |             |             |             |             |             |             |             |
| °       | DCPX120     | DCPX120     | DCPX120     | DCPX120     | DCPX121     | DCPX121     | DCPX121     | DCPX150     | DCPX150     |
| A       | DCPX120     | DCPX120     | DCPX121     | DCPX121     | DCPX121     | DCPX121     | DCPX122     | DCPX150     | DCPX151     |
| E,L,N   | As standard | As standard | As standard | As standard | As standard | As standard | As standard | As standard | As standard |
| U       | DCPX121     | DCPX121     | DCPX122     | DCPX122     | DCPX122     | DCPX122     | DCPX123     | DCPX124     | DCPX124     |
| Fans: M |             |             |             |             |             |             |             |             |             |
| °       | DCPX130     | DCPX130     | DCPX130     | DCPX130     | DCPX131     | DCPX131     | DCPX131     | DCPX155     | DCPX155     |
| A       | DCPX130     | DCPX130     | DCPX131     | DCPX131     | DCPX131     | DCPX131     | DCPX132     | DCPX155     | DCPX156     |
| E,L,N   | As standard | As standard | As standard | As standard | As standard | As standard | As standard | As standard | As standard |
| U       | DCPX131     | DCPX131     | DCPX131     | DCPX132     | DCPX132     | DCPX132     | DCPX133     | DCPX134     | DCPX134     |
|         |             |             |             |             |             |             |             |             |             |
| Ver     | 2206        | 2406        | 2600        | 2800        | 3000        | 3200        | 3400        | 3600        |             |
| Fans: ° |             |             |             |             |             |             |             |             |             |
| °       | DCPX150     | DCPX151     | DCPX123     | DCPX124     | DCPX124     | DCPX124     | DCPX125     | DCPX125     |             |
| A       | DCPX151     | DCPX124     | DCPX125     | DCPX125     | DCPX125     | DCPX126     | DCPX126     | DCPX126     |             |
| E,L,N   | As standard | As standard | As standard | As standard | As standard | As standard | As standard | As standard |             |
| U       | DCPX125     | DCPX125     | DCPX126     | DCPX126     | DCPX127     | DCPX128     | DCPX128     | DCPX128     |             |
| Fans: M |             |             |             |             |             |             |             |             |             |
| °       | DCPX155     | DCPX156     | DCPX133     | DCPX134     | DCPX134     | DCPX134     | DCPX135     | DCPX135     |             |
| A       | DCPX156     | DCPX134     | DCPX135     | DCPX135     | DCPX135     | DCPX136     | DCPX136     | DCPX136     |             |
| E,L,N   | As standard | As standard | As standard | As standard | As standard | As standard | As standard | As standard |             |
| U       | DCPX135     | DCPX135     | DCPX136     | DCPX136     | DCPX137     | DCPX138     | DCPX138     | DCPX138     |             |

### Device for peak current reduction

| Ver        | 0800           | 0900           | 1000           | 1100           | 1200           | 1400           | 1600           | 1805           | 2006           |
|------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| °A,E,L,N,U | DRENRB0800 (1) | DRENRB0900 (1) | DRENRB1000 (1) | DRENRB1100 (1) | DRENRB1200 (1) | DRENRB1400 (1) | DRENRB1600 (1) | DRENRB1805 (1) | DRENRB2006 (1) |

(1) Only for supplies of 400V 3N ~ 50Hz and 400V 3 ~ 50Hz. x 2 or x 3 (if present) indicates the quantity to be ordered.

A grey background indicates the accessory must be assembled in the factory

| Ver        | 2206           | 2406           | 2600 | 2800 | 3000 | 3200 | 3400 | 3600 |
|------------|----------------|----------------|------|------|------|------|------|------|
| °A,E,L,N,U | DRENRB2206 (1) | DRENRB2406 (1) | -    | -    | -    | -    | -    | -    |

(1) Only for supplies of 400V 3N ~ 50Hz and 400V 3 ~ 50Hz. x 2 or x 3 (if present) indicates the quantity to be ordered.

The accessory cannot be fitted on the configurations indicated with -

A grey background indicates the accessory must be assembled in the factory

### Power factor correction

| Ver | 0800       | 0900       | 1000       | 1100       | 1200       | 1400       | 1600       | 1805       | 2006       |
|-----|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| °   | RIFNRB0800 | RIFNRB0900 | RIFNRB1000 | RIFNRB1100 | RIFNRB1200 | RIFNRB1400 | RIFNRB1600 | RIFNRB1805 | RIFNRB2006 |
| A,L | RIFNRB0800 | RIFNRB0900 | RIFNRB1000 | RIFNRB1100 | RIFNRB1200 | RIFNRB1400 | RIFNRB1601 | RIFNRB1805 | RIFNRB2006 |
| E,U | RIFNRB0800 | RIFNRB0900 | RIFNRB1000 | RIFNRB1101 | RIFNRB1201 | RIFNRB1401 | RIFNRB1601 | RIFNRB1815 | RIFNRB2016 |
| N   | RIFNRB0801 | RIFNRB0901 | RIFNRB1001 | RIFNRB1101 | RIFNRB1201 | RIFNRB1401 | RIFNRB1601 | RIFNRB1815 | RIFNRB2016 |

A grey background indicates the accessory must be assembled in the factory

| Ver   | 2206       | 2406       | 2600       | 2800       | 3000       | 3200       | 3400       | 3600       |
|-------|------------|------------|------------|------------|------------|------------|------------|------------|
| °     | RIFNRB2206 | RIFNRB2406 | RIFNRB2600 | RIFNRB2800 | RIFNRB3000 | RIFNRB3200 | RIFNRB3400 | RIFNRB3600 |
| A,L   | RIFNRB2206 | RIFNRB2416 | RIFNRB2600 | RIFNRB2800 | RIFNRB3000 | RIFNRB3200 | RIFNRB3400 | RIFNRB3600 |
| E,N,U | RIFNRB2216 | RIFNRB2416 | RIFNRB2600 | RIFNRB2800 | RIFNRB3000 | RIFNRB3200 | RIFNRB3400 | RIFNRB3600 |

A grey background indicates the accessory must be assembled in the factory

**Electric heater for the heat exchanger**

| Ver         | 0800    | 0900    | 1000    | 1100    | 1200    | 1400    | 1600    | 1805    | 2006    |
|-------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| °,A,E,L,N,U | KRS (1) | KRS (1) | KRS (1) | KRS (1) | KRS (1) | KRS (1) | KRS (1) | KRS (1) | KRS (1) |

(1) Contact the factory

A grey background indicates the accessory must be assembled in the factory

| Ver         | 2206    | 2406    | 2600    | 2800    | 3000    | 3200    | 3400    | 3600    |
|-------------|---------|---------|---------|---------|---------|---------|---------|---------|
| °,A,E,L,N,U | KRS (1) | KRS (1) | KRS (1) | KRS (1) | KRS (1) | KRS (1) | KRS (1) | KRS (1) |

(1) Contact the factory

A grey background indicates the accessory must be assembled in the factory

**Anti-intrusion grid**

| Ver                                | 0800  | 0900  | 1000  | 1100  | 1200  | 1400  | 1600  | 1805  | 2006  | 2206  | 2406  | 2600  | 2800  | 3000  | 3200  | 3400  | 3600  |
|------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| <b>Integrated hydronic kit: 00</b> |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| °                                  | GP2VN | GP2VN | GP2VN | GP2VN | GP3VN | GP3VN | GP3VN | GP4VN | GP4VN | GP4VN | GP5VN | GP5VN | GP6V  | GP6V  | GP6V  | GP7V  | GP7V  |
| A,L                                | GP2VN | GP2VN | GP3VN | GP3VN | GP3VN | GP3VN | GP4VN | GP4VN | GP5VN | GP5VN | GP5VN | GP7V  | GP7V  | GP7V  | GP8V  | GP8V  | GP8V  |
| E,U                                | GP3VN | GP3VN | GP3VN | GP4VN | GP4VN | GP4VN | GP5VN | GP6V  | GP6V  | GP7V  | GP7V  | GP8V  | GP8V  | GP9VN | GP10V | GP10V | GP10V |
| N                                  | GP4VN | GP4VN | GP4VN | GP5VN | GP5VN | GP5VN | GP6V  | GP7V  | GP7V  | GP8V  | GP4VN | GP9VN | GP9VN | GP10V | GP11V | GP11V | GP11V |

**Integrated hydronic kit: DA, DB, DC, DD, DE, DF, DG, DH, DI, DJ, PA, PB, PC, PD, PE, PF, PG, PH, PI, PJ**

|     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| °   | -     | -     | -     | -     | GP3VN | -     | -     | GP4VN | GP4VN | GP4VN | GP5VN | GP5VN | GP6V  | GP6V  | GP6V  | GP7V  | GP7V  |
| A,L | -     | -     | GP3VN | -     | -     | -     | GP4VN | GP4VN | GP5VN | GP5VN | GP5VN | GP7V  | GP7V  | GP7V  | GP8V  | GP8V  | GP8V  |
| E,U | GP3VN | GP3VN | -     | GP4VN | GP4VN | GP4VN | GP5VN | GP6V  | GP6V  | GP7V  | GP7V  | GP8V  | GP8V  | GP9VN | GP10V | GP10V | GP10V |
| N   | GP4VN | GP4VN | GP4VN | GP5VN | GP5VN | GP5VN | GP6V  | GP7V  | GP7V  | GP8V  | GP4VN | GP9VN | GP9VN | GP10V | GP11V | GP11V | GP11V |

A grey background indicates the accessory must be assembled in the factory

**Kit for low temperature**

| Ver | 0800    | 0900    | 1000    | 1100    | 1200    | 1400    | 1600    | 1805    | 2006    | 2206    | 2406    | 2600    | 2800    | 3000    | 3200    | 3400    | 3600    |
|-----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| °   | -       | -       | -       | -       | -       | -       | -       | XLA (1) | XLA (1) | XLA (1) | XLA (1) | XLA (1) | XLA (1) | XLA (1) | XLA (1) | XLA (1) | XLA (1) |
| A,L | -       | -       | -       | -       | -       | -       | XLA (1) | XLA (1) | XLA (1) | XLA (1) | XLA (1) | XLA (1) | XLA (1) | XLA (1) | XLA (1) | XLA (1) | XLA (1) |
| E,U | -       | -       | -       | XLA (1) | XLA (1) | XLA (1) | XLA (1) | XLA (1) | XLA (1) | XLA (1) | XLA (1) | XLA (1) | XLA (1) | XLA (1) | XLA (1) | XLA (1) | XLA (1) |
| N   | XLA (1) | XLA (1) | XLA (1) | XLA (1) | XLA (1) | XLA (1) | XLA (1) | XLA (1) | XLA (1) | XLA (1) | XLA (1) | XLA (1) | XLA (1) | XLA (1) | XLA (1) | XLA (1) | XLA (1) |

(1) With the accessory XLA do not use the DCPX.

The accessory cannot be fitted on the configurations indicated with -

A grey background indicates the accessory must be assembled in the factory

## PERFORMANCE SPECIFICATIONS

### NRB - °

| Size                                        |     | 0800  | 0900  | 1000  | 1100  | 1200  | 1400  | 1600  | 1805  | 2006  | 2206   | 2406   | 2600   | 2800   | 3000   | 3200   | 3400   | 3600   |
|---------------------------------------------|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| <b>Cooling performance 12 °C / 7 °C (1)</b> |     |       |       |       |       |       |       |       |       |       |        |        |        |        |        |        |        |        |
| Cooling capacity                            | kW  | 221,5 | 244,5 | 270,3 | 299,7 | 353,1 | 404,9 | 439,0 | 511,2 | 560,9 | 598,2  | 675,8  | 721,6  | 786,8  | 830,6  | 880,2  | 945,8  | 998,2  |
| Input power                                 | kW  | 73,3  | 83,1  | 94,1  | 110,3 | 117,5 | 135,4 | 155,1 | 175,7 | 194,0 | 216,6  | 236,5  | 256,0  | 270,3  | 292,6  | 314,7  | 329,4  | 355,2  |
| Cooling total input current                 | A   | 128,3 | 143,1 | 160,0 | 185,5 | 201,6 | 229,9 | 260,8 | 299,7 | 329,8 | 366,5  | 404,6  | 434,0  | 459,4  | 498,2  | 534,6  | 562,9  | 606,0  |
| EER                                         | W/W | 3,02  | 2,94  | 2,87  | 2,72  | 3,00  | 2,99  | 2,83  | 2,91  | 2,89  | 2,76   | 2,86   | 2,82   | 2,91   | 2,84   | 2,80   | 2,87   | 2,81   |
| Water flow rate system side                 | l/h | 38117 | 42077 | 46498 | 51565 | 60733 | 69640 | 75512 | 87913 | 96469 | 102883 | 116222 | 124100 | 135305 | 142813 | 151332 | 162608 | 171611 |
| Pressure drop system side                   | kPa | 46    | 55    | 38    | 45    | 44    | 39    | 46    | 40    | 47    | 53     | 52     | 58     | 60     | 36     | 39     | 46     | 43     |

(1) Data 14511:2018; System side water heat exchanger 12 °C/7 °C; External air 35 °C

### NRB - L

| Size                                        |     | 0800  | 0900  | 1000  | 1100  | 1200  | 1400  | 1600  | 1805  | 2006  | 2206   | 2406   | 2600   | 2800   | 3000   | 3200   | 3400   | 3600   |
|---------------------------------------------|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| <b>Cooling performance 12 °C / 7 °C (1)</b> |     |       |       |       |       |       |       |       |       |       |        |        |        |        |        |        |        |        |
| Cooling capacity                            | kW  | 216,9 | 237,7 | 272,7 | 307,7 | 343,9 | 391,0 | 438,4 | 498,2 | 555,4 | 608,2  | 666,2  | 727,2  | 770,0  | 834,2  | 886,6  | 952,6  | 1004,1 |
| Input power                                 | kW  | 73,0  | 85,9  | 92,0  | 107,4 | 122,7 | 139,0 | 151,9 | 173,3 | 191,6 | 213,6  | 233,8  | 246,8  | 270,1  | 284,5  | 307,5  | 323,1  | 347,9  |
| Cooling total input current                 | A   | 122,8 | 142,3 | 154,5 | 179,0 | 203,4 | 231,8 | 250,8 | 289,7 | 318,6 | 359,2  | 390,2  | 412,6  | 448,8  | 478,6  | 512,6  | 544,6  | 585,4  |
| EER                                         | W/W | 2,97  | 2,77  | 2,97  | 2,87  | 2,80  | 2,81  | 2,89  | 2,87  | 2,90  | 2,85   | 2,85   | 2,95   | 2,85   | 2,93   | 2,88   | 2,95   | 2,89   |
| Water flow rate system side                 | l/h | 37323 | 40891 | 46905 | 52926 | 59137 | 67243 | 75381 | 85669 | 95498 | 104586 | 114564 | 125029 | 132382 | 143408 | 152424 | 163777 | 172632 |
| Pressure drop system side                   | kPa | 25    | 20    | 27    | 24    | 29    | 23    | 30    | 28    | 37    | 36     | 44     | 28     | 31     | 30     | 34     | 39     | 43     |

(1) Data 14511:2018; System side water heat exchanger 12 °C/7 °C; External air 35 °C

### NRB - A

| Size                                        |     | 0800  | 0900  | 1000  | 1100  | 1200  | 1400  | 1600  | 1805  | 2006  | 2206   | 2406   | 2600   | 2800   | 3000   | 3200   | 3400   | 3600   |
|---------------------------------------------|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| <b>Cooling performance 12 °C / 7 °C (1)</b> |     |       |       |       |       |       |       |       |       |       |        |        |        |        |        |        |        |        |
| Cooling capacity                            | kW  | 224,1 | 252,2 | 283,7 | 326,1 | 361,2 | 411,7 | 462,2 | 519,2 | 576,0 | 633,3  | 697,6  | 757,5  | 805,8  | 867,0  | 928,7  | 980,8  | 1026,8 |
| Input power                                 | kW  | 70,6  | 80,9  | 90,2  | 104,7 | 115,3 | 131,8 | 147,6 | 166,3 | 183,5 | 203,1  | 223,3  | 240,5  | 256,5  | 277,0  | 297,0  | 314,4  | 330,3  |
| Cooling total input current                 | A   | 123,9 | 139,9 | 158,8 | 181,8 | 198,2 | 224,1 | 252,4 | 283,8 | 316,2 | 348,7  | 386,3  | 417,6  | 441,6  | 475,9  | 513,3  | 541,6  | 567,7  |
| EER                                         | W/W | 3,17  | 3,12  | 3,15  | 3,12  | 3,13  | 3,12  | 3,13  | 3,12  | 3,14  | 3,12   | 3,12   | 3,15   | 3,14   | 3,13   | 3,13   | 3,12   | 3,11   |
| Water flow rate system side                 | l/h | 38561 | 43394 | 48802 | 56076 | 62118 | 70789 | 79487 | 89271 | 99048 | 108894 | 119965 | 130236 | 138537 | 149048 | 159671 | 168622 | 176531 |
| Pressure drop system side                   | kPa | 27    | 22    | 30    | 27    | 32    | 25    | 34    | 30    | 39    | 39     | 48     | 30     | 34     | 32     | 38     | 41     | 45     |

(1) Data 14511:2018; System side water heat exchanger 12 °C/7 °C; External air 35 °C

### NRB - E

| Size                                        |     | 0800  | 0900  | 1000  | 1100  | 1200  | 1400  | 1600  | 1805  | 2006  | 2206   | 2406   | 2600   | 2800   | 3000   | 3200   | 3400   | 3600   |
|---------------------------------------------|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| <b>Cooling performance 12 °C / 7 °C (1)</b> |     |       |       |       |       |       |       |       |       |       |        |        |        |        |        |        |        |        |
| Cooling capacity                            | kW  | 219,2 | 248,3 | 275,0 | 321,4 | 358,7 | 403,2 | 455,0 | 514,5 | 569,0 | 637,2  | 688,3  | 741,1  | 794,3  | 857,9  | 911,7  | 965,1  | 1019,4 |
| Input power                                 | kW  | 69,6  | 79,4  | 88,5  | 102,2 | 114,9 | 129,8 | 144,5 | 164,7 | 183,0 | 203,4  | 221,4  | 236,5  | 255,5  | 274,7  | 290,6  | 310,5  | 327,8  |
| Cooling total input current                 | A   | 119,5 | 134,7 | 148,8 | 172,1 | 192,6 | 215,7 | 240,1 | 275,1 | 306,1 | 342,6  | 372,8  | 397,0  | 425,9  | 459,5  | 487,5  | 520,6  | 549,0  |
| EER                                         | W/W | 3,15  | 3,13  | 3,11  | 3,15  | 3,12  | 3,11  | 3,15  | 3,12  | 3,11  | 3,13   | 3,11   | 3,13   | 3,11   | 3,12   | 3,14   | 3,11   | 3,11   |
| Water flow rate system side                 | l/h | 37710 | 42726 | 47303 | 55271 | 61679 | 69338 | 78240 | 88465 | 97841 | 109550 | 118323 | 127417 | 136570 | 147496 | 156744 | 165934 | 175268 |
| Pressure drop system side                   | kPa | 19    | 23    | 20    | 27    | 21    | 27    | 26    | 33    | 33    | 22     | 25     | 30     | 34     | 33     | 38     | 41     | 46     |

(1) Data 14511:2018; System side water heat exchanger 12 °C/7 °C; External air 35 °C

### NRB - U

| Size                                        |     | 0800  | 0900  | 1000  | 1100  | 1200  | 1400  | 1600  | 1805  | 2006   | 2206   | 2406   | 2600   | 2800   | 3000   | 3200   | 3400   | 3600   |
|---------------------------------------------|-----|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| <b>Cooling performance 12 °C / 7 °C (1)</b> |     |       |       |       |       |       |       |       |       |        |        |        |        |        |        |        |        |        |
| Cooling capacity                            | kW  | 227,6 | 257,6 | 286,5 | 329,6 | 369,8 | 414,6 | 466,9 | 529,2 | 594,0  | 655,1  | 716,9  | 765,5  | 815,3  | 879,0  | 940,9  | 999,7  | 1049,5 |
| Input power                                 | kW  | 68,8  | 77,7  | 86,8  | 99,5  | 111,7 | 126,1 | 140,9 | 159,5 | 179,0  | 197,8  | 215,3  | 229,4  | 248,9  | 265,7  | 282,3  | 302,5  | 319,5  |
| Cooling total input current                 | A   | 124,3 | 138,5 | 152,9 | 176,0 | 195,6 | 218,0 | 244,0 | 278,3 | 311,7  | 347,7  | 377,4  | 401,2  | 431,5  | 463,1  | 493,9  | 527,9  | 556,4  |
| EER                                         | W/W | 3,30  | 3,31  | 3,30  | 3,31  | 3,31  | 3,28  | 3,31  | 3,32  | 3,32   | 3,31   | 3,33   | 3,34   | 3,28   | 3,31   | 3,33   | 3,30   | 3,28   |
| Water flow rate system side                 | l/h | 39151 | 44308 | 49294 | 56689 | 63596 | 71302 | 80286 | 91003 | 102137 | 112618 | 123250 | 131616 | 140179 | 151126 | 161768 | 171875 | 180443 |
| Pressure drop system side                   | kPa | 20    | 25    | 21    | 29    | 23    | 28    | 27    | 35    | 36     | 23     | 27     | 32     | 36     | 35     | 40     | 44     | 49     |

(1) Data 14511:2018; System side water heat exchanger 12 °C/7 °C; External air 35 °C

### NRB - N

| Size                                        |     | 0800  | 0900  | 1000  | 1100  | 1200  | 1400  | 1600  | 1805  | 2006  | 2206   | 2406   | 2600   | 2800   | 3000   | 3200   | 3400   | 3600   |
|---------------------------------------------|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| <b>Cooling performance 12 °C / 7 °C (1)</b> |     |       |       |       |       |       |       |       |       |       |        |        |        |        |        |        |        |        |
| Cooling capacity                            | kW  | 227,7 | 260,4 | 284,7 | 327,7 | 367,7 | 412,3 | 466,1 | 521,6 | 579,1 | 645,7  | 702,6  | 749,4  | 804,7  | 866,4  | 926,7  | 973,5  | 1029,9 |
| Input power                                 | kW  | 68,5  | 78,9  | 86,4  | 98,5  | 111,9 | 125,4 | 140,4 | 157,8 | 176,0 | 194,6  | 212,9  | 229,0  | 246,7  | 263,5  | 282,7  | 301,1  | 319,3  |
| Cooling total input current                 | A   | 118,2 | 135,1 | 146,9 | 166,9 | 188,6 | 209,4 | 234,0 | 264,2 | 295,4 | 328,9  | 360,0  | 385,3  | 412,5  | 442,0  | 475,2  | 506,2  | 536,4  |
| EER                                         | W/W | 3,32  | 3,30  | 3,30  | 3,33  | 3,29  | 3,29  | 3,32  | 3,31  | 3,29  | 3,32   | 3,30   | 3,27   | 3,26   | 3,29   | 3,28   | 3,23   | 3,23   |
| Water flow rate system side                 | l/h | 39166 | 44792 | 48972 | 56365 | 63234 | 70905 | 80151 | 89691 | 99569 | 111009 | 120789 | 128849 | 138355 | 148961 | 159328 | 167377 | 177077 |
| Pressure drop system side                   | kPa | 20    | 25    | 21    | 28    | 23    | 28    | 27    | 34    | 34    | 23     | 26     | 30     | 35     | 34     | 39     | 42     | 47     |

(1) Data 14511:2018; System side water heat exchanger 12 °C/7 °C; External air 35 °C

## ENERGY INDICES (REG. 2016/2281 EU)

| Size                                                                  |   | 0800 | 0900   | 1000   | 1100   | 1200   | 1400   | 1600   | 1805   | 2006   | 2206   | 2406   | 2600   | 2800   | 3000   | 3200   | 3400   | 3600   |
|-----------------------------------------------------------------------|---|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| <b>SEER - 12/7 (EN14825:2018) with standard fans (1)</b>              |   |      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SEER                                                                  | ° | W/W  | 4,22   | 4,13   | 4,10   | 4,11   | 4,19   | - (2)  | - (2)  | - (2)  | - (2)  | - (2)  | - (2)  | - (2)  | - (2)  | - (2)  | - (2)  | - (2)  |
|                                                                       | A | W/W  | 4,41   | 4,34   | 4,39   | 4,45   | 4,48   | - (2)  | - (2)  | - (2)  | - (2)  | - (2)  | - (2)  | - (2)  | - (2)  | - (2)  | - (2)  | - (2)  |
|                                                                       | E | W/W  | 4,46   | 4,40   | 4,40   | 4,54   | 4,54   | - (2)  | - (2)  | - (2)  | - (2)  | - (2)  | - (2)  | - (2)  | - (2)  | - (2)  | - (2)  | - (2)  |
|                                                                       | L | W/W  | 4,31   | 4,16   | 4,24   | 4,27   | 4,31   | - (2)  | - (2)  | - (2)  | - (2)  | - (2)  | - (2)  | - (2)  | - (2)  | - (2)  | - (2)  | - (2)  |
|                                                                       | N | W/W  | 4,61   | 4,56   | 4,58   | 4,72   | 4,68   | 4,72   | 4,78   | 4,66   | 4,58   | 4,61   | 4,61   | 4,64   | 4,59   | 4,62   | 4,60   | 4,59   |
|                                                                       | U | W/W  | 4,51   | 4,51   | 4,51   | 4,63   | 4,64   | 4,65   | 4,69   | 4,61   | 4,56   | 4,57   | 4,59   | 4,58   | 4,56   | 4,59   | 4,57   | 4,56   |
| Seasonal efficiency                                                   | ° | %    | 166,0% | 162,3% | 161,0% | 161,2% | 164,7% | - (2)  | - (2)  | - (2)  | - (2)  | - (2)  | - (2)  | - (2)  | - (2)  | - (2)  | - (2)  | - (2)  |
|                                                                       | A | %    | 173,5% | 170,6% | 172,4% | 174,9% | 176,0% | - (2)  | - (2)  | - (2)  | - (2)  | - (2)  | - (2)  | - (2)  | - (2)  | - (2)  | - (2)  | - (2)  |
|                                                                       | E | %    | 175,6% | 173,1% | 173,1% | 178,7% | 178,5% | - (2)  | - (2)  | - (2)  | - (2)  | - (2)  | - (2)  | - (2)  | - (2)  | - (2)  | - (2)  | - (2)  |
|                                                                       | L | %    | 169,4% | 163,6% | 166,8% | 167,6% | 169,2% | - (2)  | - (2)  | - (2)  | - (2)  | - (2)  | - (2)  | - (2)  | - (2)  | - (2)  | - (2)  | - (2)  |
|                                                                       | N | %    | 181,3% | 179,3% | 180,0% | 185,7% | 184,1% | 185,9% | 188,2% | 183,4% | 180,3% | 181,5% | 181,6% | 182,7% | 180,6% | 181,7% | 180,9% | 181,7% |
|                                                                       | U | %    | 177,2% | 177,4% | 177,2% | 182,1% | 182,5% | 183,1% | 184,8% | 181,4% | 179,2% | 179,9% | 180,5% | 180,3% | 179,3% | 180,6% | 179,7% | 179,5% |
| <b>SEER - (EN14825:2018) 12/7 with inverter fans (1)</b>              |   |      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SEER                                                                  | ° | W/W  | 4,44   | 4,33   | 4,26   | 4,25   | 4,39   | - (2)  | - (2)  | - (2)  | - (2)  | - (2)  | - (2)  | - (2)  | - (2)  | - (2)  | - (2)  | - (2)  |
|                                                                       | A | W/W  | 4,65   | 4,55   | 4,66   | 4,70   | 4,69   | 4,73   | 4,76   | 4,64   | 4,63   | 4,62   | 4,61   | 4,68   | 4,66   | 4,66   | 4,68   | 4,64   |
|                                                                       | E | W/W  | 4,75   | 4,67   | 4,62   | 4,81   | 4,81   | 4,76   | 4,88   | 4,73   | 4,67   | 4,69   | 4,74   | 4,69   | 4,71   | 4,74   | 4,80   | 4,72   |
|                                                                       | L | W/W  | 4,55   | 4,42   | 4,50   | 4,51   | 4,58   | 4,59   | 4,67   | 4,56   | 4,56   | 4,58   | 4,56   | 4,61   | 4,56   | 4,57   | 4,58   | 4,61   |
|                                                                       | N | W/W  | 4,85   | 4,79   | 4,83   | 4,96   | 4,93   | 4,97   | 5,03   | 4,93   | 4,82   | 4,88   | 4,82   | 4,89   | 4,80   | 4,84   | 4,83   | 4,73   |
|                                                                       | U | W/W  | 4,76   | 4,75   | 4,70   | 4,89   | 4,85   | 4,86   | 4,91   | 4,84   | 4,77   | 4,82   | 4,78   | 4,87   | 4,81   | 4,85   | 4,92   | 4,82   |
| Seasonal efficiency                                                   | ° | %    | 174,6% | 170,1% | 167,6% | 167,1% | 172,7% | - (2)  | - (2)  | - (2)  | - (2)  | - (2)  | - (2)  | - (2)  | - (2)  | - (2)  | - (2)  | - (2)  |
|                                                                       | A | %    | 182,8% | 179,1% | 183,4% | 185,0% | 184,7% | 186,2% | 187,3% | 182,7% | 182,4% | 181,7% | 181,5% | 184,2% | 183,5% | 183,3% | 184,0% | 182,7% |
|                                                                       | E | %    | 187,0% | 183,7% | 182,0% | 189,3% | 189,6% | 187,5% | 192,3% | 186,2% | 183,9% | 184,8% | 186,4% | 184,7% | 185,3  | 186,4% | 189,1% | 185,8% |
|                                                                       | L | %    | 179,2% | 173,8% | 177,0% | 177,5% | 180,1% | 180,4% | 183,9% | 179,5% | 179,4% | 180,1% | 179,6% | 181,3% | 179,4% | 179,9% | 180,3% | 181,6% |
|                                                                       | N | %    | 191,1% | 188,4% | 190,3% | 195,4% | 194,2% | 195,9% | 198,1% | 194,1% | 189,9% | 192,4% | 190,0% | 192,7% | 189,1% | 190,6% | 190,2% | 186,3% |
|                                                                       | U | %    | 187,4% | 187,1% | 185,2% | 192,5% | 191,0% | 191,3% | 193,3% | 190,7% | 187,7% | 189,6% | 188,1% | 191,9% | 189,4% | 191,1% | 193,8% | 190,0% |
| <b>SEER - 23/18 (EN14825: 2018) with standard fans (3)</b>            |   |      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SEER                                                                  | ° | W/W  | 5,08   | 4,98   | 4,92   | 4,82   | 5,20   | 5,26   | 5,03   | 4,91   | 4,97   | 4,63   | 4,91   | 4,84   | 4,86   | 4,77   | 4,72   | 4,85   |
|                                                                       | A | W/W  | 5,29   | 5,15   | 5,25   | 5,28   | 5,35   | 5,37   | 5,42   | 5,15   | 5,22   | 5,09   | 5,22   | 5,30   | 5,18   | 5,15   | 5,17   | 5,13   |
|                                                                       | E | W/W  | 5,36   | 5,24   | 5,28   | 5,40   | 5,43   | 5,37   | 5,54   | 5,21   | 5,22   | 5,21   | 5,30   | 5,33   | 5,14   | 5,17   | 5,22   | 5,21   |
|                                                                       | L | W/W  | 5,06   | 4,87   | 5,07   | 5,08   | 5,05   | 5,10   | 5,19   | 5,02   | 5,02   | 4,92   | 4,99   | 5,21   | 4,94   | 5,03   | 4,99   | 5,06   |
|                                                                       | N | W/W  | 5,57   | 5,47   | 5,50   | 5,66   | 5,61   | 5,65   | 5,73   | 5,48   | 5,48   | 5,44   | 5,54   | 5,48   | 5,32   | 5,37   | 5,37   | 5,29   |
|                                                                       | U | W/W  | 5,41   | 5,44   | 5,41   | 5,58   | 5,56   | 5,60   | 5,63   | 5,46   | 5,49   | 5,39   | 5,50   | 5,57   | 5,29   | 5,35   | 5,48   | 5,36   |
| Seasonal efficiency                                                   | ° | %    | 200,1% | 196,0% | 193,6% | 189,9% | 205,1% | 207,3% | 198,3% | 193,3% | 195,7% | 182,0% | 193,5% | 190,6% | 191,5% | 187,9% | 186,0% | 191,0% |
|                                                                       | A | %    | 208,4% | 203,0% | 206,8% | 208,0% | 211,1% | 211,6% | 213,6% | 203,1% | 205,7% | 200,6% | 205,6% | 209,1% | 204,0% | 203,0% | 203,6% | 202,1% |
|                                                                       | E | %    | 211,4% | 206,4% | 208,3% | 213,0% | 214,0% | 211,8% | 218,5% | 205,5% | 205,7% | 205,3% | 208,9% | 210,3% | 202,4% | 203,9% | 205,9% | 203,7% |
|                                                                       | L | %    | 199,4% | 191,9% | 199,7% | 200,1% | 199,1% | 200,8% | 204,4% | 197,7% | 197,6% | 193,9% | 196,4% | 205,2% | 194,5% | 198,0% | 196,4% | 199,5% |
|                                                                       | N | %    | 219,7% | 215,8% | 216,8% | 223,4% | 221,5% | 223,0% | 226,2% | 216,0% | 216,3% | 214,6% | 218,4% | 216,3% | 209,6% | 211,6% | 211,8% | 208,5% |
|                                                                       | U | %    | 213,4% | 214,4% | 213,3% | 220,0% | 219,5% | 221,0% | 222,2% | 215,3% | 216,4% | 212,5% | 216,9% | 219,7% | 208,7% | 211,1% | 216,1% | 211,4% |
| <b>SEER - 23/18 (EN14825: 2018) with inverter fans</b>                |   |      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SEER                                                                  | ° | W/W  | 5,28   | 5,16   | 5,07   | 4,96   | 5,40   | 5,44   | 5,18   | 5,07   | 5,13   | 4,77   | 5,07   | 5,09   | 5,09   | 4,98   | 4,92   | 5,09   |
|                                                                       | A | W/W  | 5,50   | 5,35   | 5,50   | 5,51   | 5,55   | 5,55   | 5,63   | 5,34   | 5,44   | 5,30   | 5,42   | 5,41   | 5,43   | 5,38   | 5,43   | 5,36   |
|                                                                       | E | W/W  | 5,62   | 5,53   | 5,46   | 5,70   | 5,69   | 5,63   | 5,77   | 5,50   | 5,52   | 5,48   | 5,59   | 5,47   | 5,41   | 5,47   | 5,77   | 5,50   |
|                                                                       | L | W/W  | 5,34   | 5,14   | 5,35   | 5,33   | 5,37   | 5,34   | 5,47   | 5,26   | 5,32   | 5,20   | 5,26   | 5,35   | 5,20   | 5,25   | 5,21   | 5,32   |
|                                                                       | N | W/W  | 5,82   | 5,71   | 5,76   | 5,91   | 5,88   | 5,91   | 5,99   | 5,75   | 5,74   | 5,71   | 5,75   | 5,74   | 5,55   | 5,62   | 5,64   | 5,54   |
|                                                                       | U | W/W  | 5,65   | 5,67   | 5,59   | 5,82   | 5,76   | 5,80   | 5,83   | 5,67   | 5,69   | 5,61   | 5,68   | 5,77   | 5,59   | 5,66   | 5,85   | 5,70   |
| Seasonal efficiency                                                   | ° | %    | 208,1% | 203,4% | 199,8% | 195,4% | 212,9% | 214,5% | 204,1% | 199,9% | 202,1% | 187,8% | 199,6% | 200,4% | 200,4% | 196,1% | 193,9% | 200,4% |
|                                                                       | A | %    | 217,0% | 210,9% | 217,0% | 217,5% | 219,1% | 219,1% | 222,1% | 210,5% | 214,6% | 209,1% | 213,6% | 213,4% | 214,2% | 212,0% | 214,3% | 211,5% |
|                                                                       | E | %    | 221,9% | 218,3% | 215,3% | 224,9% | 224,5% | 222,2% | 227,7% | 216,8% | 217,7% | 216,0% | 220,6% | 215,7% | 213,4% | 215,6% | 227,9% | 216,8% |
|                                                                       | L | %    | 210,4% | 202,7% | 211,0% | 210,2% | 211,6% | 210,4% | 215,8% | 207,4% | 209,7% | 205,1% | 207,5% | 211,0% | 204,8% | 206,9% | 205,4% | 209,9% |
|                                                                       | N | %    | 229,9% | 225,3% | 227,5% | 233,5% | 232,1% | 233,4% | 236,4% | 226,8% | 226,4% | 225,5% | 227,1% | 226,4% | 219,1% | 221,6% | 222,4% | 218,4% |
|                                                                       | U | %    | 222,8% | 233,7% | 220,7% | 229,9% | 227,5% | 228,8% | 230,2% | 223,8% | 224,5% | 221,5% | 224,0% | 227,8% | 220,6% | 223,4% | 231,0% | 225,0% |
| <b>SEPR - (EN14825: 2018) High temperature with standard fans (3)</b> |   |      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SEPR                                                                  | ° | W/W  | 5,39   | 5,21   | 5,17   | 5,03   | 5,35   | 5,50   | 5,52   | 5,57   | 5,52   | 5,51   | 5,51   | 5,51   | 5,53   | 5,54   | 5,55   | 5,50   |
|                                                                       | A | W/W  | 5,64   | 5,29   | 5,58   | 5,29   | 5,55   | 5,51   | 5,55   | 5,55   | 5,56   | 5,54   | 5,55   | 5,54   | 5,59   | 5,54   | 5,59   | 5,56   |
|                                                                       | E | W/W  | 5,56   | 5,21   | 5,46   | 5,25   | 5,52   | 5,55   | 5,58   | 5,54   | 5,52   | 5,55   | 5,55   | 5,55   | 5,52   | 5,55   | 5,52   | 5,50   |
|                                                                       | L | W/W  | 5,31   | 5,05   | 5,31   | 5,04   | 5,17   | 5,04   | 5,52   | 5,53   | 5,52   | 5,52   | 5,54   | 5,54   | 5,54   | 5,51   | 5,53   | 5,51   |
|                                                                       | N | W/W  | 5,69   | 5,54   | 5,66   | 5,59   | 5,64   | 5,61   | 5,66   | 5,57   | 5,62   | 5,59   | 5,64   | 5,60   | 5,50   | 5,63   | 5,69   | 5,51   |
|                                                                       | U | W/W  | 5,67   | 5,53   | 5,65   | 5,53   | 5,67   | 5,59   | 5,68   | 5,55   | 5,55   | 5,57   | 5,72   | 5,74   | 5,59   | 5,70   | 5,67   | 5,71   |

(1) Calculation performed with FIXED water flow rate and VARIABLE outlet temperature.

(2) Non-compliant with 2016/2281 EU regulation for comfort applications 12°C / 7°C

(3) Calculation performed with FIXED water flow rate.

## ELECTRIC DATA

| Size                  |     |   | 0800  | 0900  | 1000  | 1100  | 1200  | 1400  | 1600  | 1805  | 2006  | 2206  | 2406  | 2600  | 2800  | 3000  | 3200   | 3400   | 3600   |
|-----------------------|-----|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|
| <b>Electric data</b>  |     |   |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |        |        |
| Maximum current (FLA) | °   | A | 164,3 | 180,7 | 197,0 | 226,4 | 262,1 | 291,1 | 320,1 | 371,3 | 416,0 | 445,0 | 480,4 | 529,4 | 568,6 | 609,5 | 650,4  | 697,7  | 738,6  |
|                       | A,L | A | 177,1 | 193,4 | 222,5 | 251,8 | 281,2 | 310,2 | 351,9 | 396,7 | 454,2 | 483,2 | 530,8 | 592,5 | 625,4 | 666,3 | 719,9  | 760,8  | 801,8  |
|                       | E,U | A | 189,8 | 206,1 | 222,5 | 264,5 | 293,9 | 322,9 | 364,6 | 428,0 | 472,8 | 514,5 | 543,5 | 605,2 | 638,1 | 691,7 | 745,4  | 786,3  | 827,2  |
|                       | N   | A | 202,5 | 218,8 | 235,2 | 277,3 | 306,6 | 335,6 | 383,2 | 440,7 | 485,5 | 527,2 | 556,2 | 617,9 | 650,8 | 704,4 | 758,1  | 799,0  | 839,9  |
| Peak current (LRA)    | °   | A | 352,9 | 408,1 | 424,4 | 477,1 | 512,8 | 625,3 | 654,3 | 705,5 | 750,3 | 779,3 | 814,6 | 798,7 | 837,9 | 878,8 | 919,7  | 967,0  | 1007,9 |
|                       | A,L | A | 365,6 | 420,8 | 449,9 | 502,5 | 531,9 | 644,4 | 686,1 | 730,9 | 788,4 | 817,4 | 865,0 | 861,8 | 894,6 | 935,6 | 989,2  | 1030,1 | 1071,0 |
|                       | E,U | A | 378,3 | 433,5 | 449,9 | 515,3 | 544,6 | 657,1 | 698,8 | 762,2 | 807,0 | 848,7 | 877,7 | 874,5 | 907,4 | 961,0 | 1014,6 | 1055,6 | 1096,5 |
|                       | N   | A | 391,1 | 446,2 | 462,6 | 528,0 | 557,3 | 669,8 | 717,4 | 774,9 | 819,7 | 861,4 | 890,4 | 887,2 | 920,1 | 973,7 | 1027,4 | 1068,3 | 1109,2 |

## GENERAL TECHNICAL DATA

| Size                                       |            |       | 0800                        | 0900  | 1000  | 1100   | 1200   | 1400   | 1600   | 1805   | 2006   | 2206   | 2406   | 2600   | 2800   | 3000   | 3200   | 3400   | 3600   |
|--------------------------------------------|------------|-------|-----------------------------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Compressor                                 |            |       |                             |       |       |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Type                                       | °A,E,L,N,U | type  | Scroll                      |       |       |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Compressor regulation                      | °A,E,L,N,U | Type  | On/Off                      |       |       |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Number                                     | °A,E,L,N,U | no.   | 4                           | 4     | 4     | 4      | 4      | 4      | 4      | 5      | 6      | 6      | 6      | 5      | 6      | 6      | 6      | 6      | 6      |
| Circuits                                   | °A,E,L,N,U | no.   | 2                           | 2     | 2     | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      |
| Refrigerant                                | °A,E,L,N,U | type  | R410A                       |       |       |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Refrigerant charge (1)                     | °          | kg    | 28,0                        | 29,0  | 30,0  | 32,0   | 41,0   | 42,0   | 42,0   | 55,0   | 55,0   | 55,0   | 65,0   | 70,0   | 89,0   | 95,0   | 82,0   | 103,0  | 103,0  |
|                                            | A,L        | kg    | 30,0                        | 32,0  | 40,0  | 44,0   | 42,0   | 45,0   | 49,0   | 55,0   | 64,0   | 65,0   | 70,0   | 96,0   | 104,0  | 118,0  | 130,0  | 122,0  | 116,0  |
|                                            | E,U        | kg    | 41,0                        | 40,0  | 43,0  | 53,0   | 53,0   | 53,0   | 62,0   | 69,0   | 75,0   | 90,0   | 112,0  | 124,0  | 116,0  | 140,0  | 156,0  | 156,0  | 156,0  |
|                                            | N          | kg    | 50,0                        | 53,0  | 53,0  | 59,0   | 59,0   | 70,0   | 84,0   | 80,0   | 90,0   | 124,0  | 91,0   | 134,0  | 122,0  | 152,0  | 168,0  | 168,0  | 168,0  |
| System side heat exchanger                 |            |       |                             |       |       |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Type                                       | °A,E,L,N,U | type  | Shell and tube              |       |       |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Number                                     | °A,E,L,N,U | no.   | 1                           | 1     | 1     | 1      | 1      | 1      | 1      | 1      | 1      | 1      | 1      | 1      | 1      | 1      | 1      | 1      | 1      |
| Hydraulic connections                      |            |       |                             |       |       |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Connections (in/out)                       | °A,E,L,N,U | Type  | Grooved joints              |       |       |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Hydraulic connections without hydronic kit |            |       |                             |       |       |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Sizes (in/out)                             | °          | Ø     | 5"                          | 5"    | 5"    | 5"     | 5"     | 5"     | 5"     | 6"     | 6"     | 6"     | 6"     | 6"     | 6"     | 6"     | 6"     | 6"     | 6"     |
|                                            | A,L        | Ø     | 5"                          | 5"    | 5"    | 5"     | 5"     | 6"     | 6"     | 6"     | 6"     | 6"     | 6"     | 6"     | 6"     | 6"     | 6"     | 6"     | 6"     |
|                                            | E,N,U      | Ø     | 5"                          | 5"    | 5"    | 5"     | 6"     | 6"     | 6"     | 6"     | 6"     | 6"     | 6"     | 6"     | 6"     | 6"     | 6"     | 6"     | 6"     |
| Hydraulic connections with hydronic kit    |            |       |                             |       |       |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Sizes (in/out)                             | °          | Ø     | -                           | -     | -     | -      | 3"     | -      | -      | 4"     | 4"     | 4"     | 4"     | 5"     | 5"     | 5"     | 5"     | 5"     | 5"     |
|                                            | A,L        | Ø     | -                           | -     | 3"    | -      | -      | -      | 4"     | 4"     | 4"     | 4"     | 4"     | 5"     | 5"     | 5"     | 5"     | 5"     | 5"     |
|                                            | E,U        | Ø     | 3"                          | 3"    | -     | 3"     | 3"     | 3"     | 4"     | 4"     | 4"     | 4"     | 4"     | 5"     | 5"     | 5"     | 5"     | 5"     | 5"     |
|                                            | N          | Ø     | 3"                          | 3"    | 3"    | 3"     | 3"     | 3"     | 4"     | 4"     | 4"     | 4"     | 4"     | 5"     | 5"     | 5"     | 5"     | 5"     | 5"     |
| Fan                                        |            |       |                             |       |       |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Type                                       | °A,E,L,N,U | type  | Axial                       |       |       |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Fan motor                                  | °A,U       | type  | Asynchronous                |       |       |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|                                            | E,L,N      | type  | Asynchronous with phase cut |       |       |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Number                                     | °          | no.   | 4                           | 4     | 4     | 4      | 6      | 6      | 6      | 8      | 8      | 8      | 10     | 10     | 12     | 12     | 12     | 14     | 14     |
|                                            | A,L        | no.   | 4                           | 4     | 6     | 6      | 6      | 6      | 8      | 8      | 10     | 10     | 12     | 14     | 14     | 14     | 16     | 16     | 16     |
|                                            | E,U        | no.   | 6                           | 6     | 6     | 8      | 8      | 8      | 10     | 12     | 12     | 14     | 14     | 16     | 16     | 18     | 20     | 20     | 20     |
|                                            | N          | no.   | 8                           | 8     | 8     | 10     | 10     | 10     | 12     | 14     | 14     | 16     | 16     | 18     | 18     | 20     | 22     | 22     | 22     |
| Air flow rate                              | °          | m³/h  | 64000                       | 64000 | 64000 | 64000  | 96000  | 96000  | 96000  | 128000 | 128000 | 128000 | 160000 | 160000 | 192000 | 192000 | 192000 | 224000 | 224000 |
|                                            | A          | m³/h  | 64000                       | 64000 | 96000 | 96000  | 96000  | 96000  | 128000 | 128000 | 160000 | 160000 | 192000 | 224000 | 224000 | 224000 | 256000 | 256000 | 288000 |
|                                            | E          | m³/h  | 69000                       | 69000 | 69000 | 92000  | 92000  | 92000  | 115000 | 138000 | 138000 | 161000 | 161000 | 184000 | 184000 | 207000 | 230000 | 230000 | 230000 |
|                                            | L          | m³/h  | 46000                       | 46000 | 69000 | 69000  | 69000  | 69000  | 92000  | 92000  | 115000 | 115000 | 138000 | 161000 | 161000 | 161000 | 184000 | 184000 | 208000 |
|                                            | N          | m³/h  | 92000                       | 92000 | 92000 | 115000 | 115000 | 115000 | 138000 | 161000 | 161000 | 184000 | 184000 | 207000 | 207000 | 230000 | 253000 | 253000 | 253000 |
|                                            | U          | m³/h  | 96000                       | 96000 | 96000 | 128000 | 128000 | 128000 | 160000 | 192000 | 192000 | 224000 | 224000 | 256000 | 256000 | 288000 | 320000 | 320000 | 320000 |
| Sound data calculated in cooling mode (2)  |            |       |                             |       |       |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Sound power level                          | °          | dB(A) | 87,8                        | 87,8  | 87,8  | 87,8   | 90,0   | 90,0   | 90,0   | 92,0   | 92,5   | 93,0   | 94,7   | 94,7   | 95,6   | 95,6   | 95,6   | 96,5   | 96,5   |
|                                            | A          | dB(A) | 87,8                        | 87,8  | 90,0  | 90,0   | 90,0   | 90,0   | 91,5   | 92,0   | 93,7   | 94,2   | 95,6   | 96,5   | 96,5   | 96,5   | 97,2   | 97,2   | 97,2   |
|                                            | E          | dB(A) | 84,8                        | 84,8  | 84,8  | 86,3   | 86,3   | 86,3   | 87,5   | 89,0   | 89,5   | 90,8   | 91,3   | 92,0   | 92,0   | 92,6   | 93,2   | 93,2   | 93,2   |
|                                            | L          | dB(A) | 82,7                        | 82,7  | 84,8  | 84,8   | 84,8   | 85,6   | 86,3   | 87,7   | 88,5   | 89,8   | 90,5   | 91,3   | 91,3   | 92,1   | 92,0   | 92,8   | 92,8   |
|                                            | N          | dB(A) | 86,3                        | 86,3  | 86,3  | 87,5   | 87,5   | 87,5   | 88,5   | 89,8   | 90,3   | 91,5   | 92,0   | 92,6   | 92,6   | 93,2   | 93,7   | 93,7   | 93,7   |
|                                            | U          | dB(A) | 90,0                        | 90,0  | 90,0  | 91,5   | 91,5   | 91,5   | 92,7   | 94,2   | 94,7   | 96,0   | 96,5   | 97,2   | 97,2   | 97,8   | 98,4   | 98,4   | 98,4   |

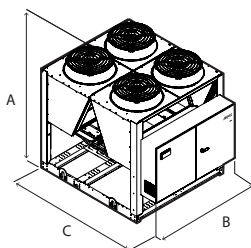
(1) The load indicated in the table is an estimated and preliminary value. The final value of the refrigerant load is indicated on the unit's technical label. For further information contact the office.

(2) Sound power calculated on the basis of measurements made in accordance with UNI EN ISO 9614-2, as required for Eurovent certification. Sound pressure (cold functioning) measured in free field, 10m away from the unit external surface (in compliance with UNI EN ISO 3744).

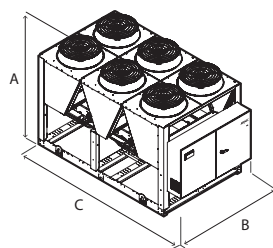
**Water filter not supplied. Installation is mandatory or the guarantee will void.**

## DIMENSIONS

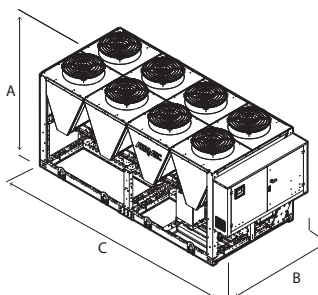
NRB 0800 - 1100 °  
NRB 0800 - 0900 L/A



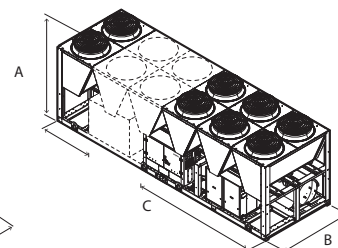
NRB 1200 - 1600 °  
NRB 1000 - 1400 L/A  
NRB 0800 - 1000 E/U



NRB 1805 - 2206 °  
NRB 1600 - 1805 L/A  
NRB 1200 - 1400 E/U  
NRB 0800 - 1000 N



NRB 2406 - 3600 °  
NRB 2006 - 3600 L/A  
NRB 1600 - 3600 E/U  
NRB 1100 - 3600 N



| Size                                               |            | 0800 | 0900 | 1000 | 1100 | 1200 | 1400 | 1600 | 1805 | 2006 | 2206 | 2406 | 2600 | 2800  | 3000  | 3200  | 3400  | 3600  |
|----------------------------------------------------|------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|
| <b>Dimensions and weights without hydronic kit</b> |            |      |      |      |      |      |      |      |      |      |      |      |      |       |       |       |       |       |
| A                                                  | °A,E,L,N,U | mm   | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450  | 2450  | 2450  | 2450  | 2450  |
| B                                                  | °A,E,L,N,U | mm   | 2200 | 2200 | 2200 | 2200 | 2200 | 2200 | 2200 | 2200 | 2200 | 2200 | 2200 | 2200  | 2200  | 2200  | 2200  | 2200  |
| C                                                  | °          | mm   | 2780 | 2780 | 2780 | 2780 | 3970 | 3970 | 3970 | 5160 | 5160 | 5160 | 6350 | 5950  | 7140  | 7140  | 8330  | 8330  |
|                                                    | A,L        | mm   | 2780 | 2780 | 3970 | 3970 | 3970 | 4760 | 5160 | 6350 | 6350 | 7140 | 8330 | 8330  | 8330  | 9520  | 9520  | 9520  |
|                                                    | E,U        | mm   | 3970 | 3970 | 3970 | 4760 | 4760 | 4760 | 5950 | 7140 | 8330 | 8330 | 9520 | 9520  | 10710 | 11900 | 11900 | 11900 |
|                                                    | N          | mm   | 4760 | 4760 | 4760 | 5950 | 5950 | 5950 | 7140 | 8330 | 8330 | 9520 | 9520 | 10710 | 10710 | 11900 | 13090 | 13090 |
| <b>Dimensions and weights with pump/s</b>          |            |      |      |      |      |      |      |      |      |      |      |      |      |       |       |       |       |       |
| A                                                  | °          | mm   | -    | -    | -    | -    | 2450 | -    | -    | 2450 | 2450 | 2450 | 2450 | 2450  | 2450  | 2450  | 2450  | 2450  |
|                                                    | A,L        | mm   | -    | -    | 2450 | -    | -    | -    | 2450 | 2450 | 2450 | 2450 | 2450 | 2450  | 2450  | 2450  | 2450  | 2450  |
|                                                    | E,U        | mm   | 2450 | 2450 | -    | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450  | 2450  | 2450  | 2450  | 2450  |
|                                                    | N          | mm   | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450 | 2450  | 2450  | 2450  | 2450  | 2450  |
| B                                                  | °          | mm   | -    | -    | -    | -    | 2200 | -    | -    | 2200 | 2200 | 2200 | 2200 | 2200  | 2200  | 2200  | 2200  | 2200  |
|                                                    | A,L        | mm   | -    | -    | 2200 | -    | -    | -    | 2200 | 2200 | 2200 | 2200 | 2200 | 2200  | 2200  | 2200  | 2200  | 2200  |
|                                                    | E,U        | mm   | 2200 | 2200 | -    | 2200 | 2200 | 2200 | 2200 | 2200 | 2200 | 2200 | 2200 | 2200  | 2200  | 2200  | 2200  | 2200  |
|                                                    | N          | mm   | 2200 | 2200 | 2200 | 2200 | 2200 | 2200 | 2200 | 2200 | 2200 | 2200 | 2200 | 2200  | 2200  | 2200  | 2200  | 2200  |
| C                                                  | °          | mm   | -    | -    | -    | -    | 3970 | -    | -    | 5160 | 5160 | 5160 | 6350 | 5950  | 7140  | 7140  | 8330  | 8330  |
|                                                    | A,L        | mm   | -    | -    | 3970 | -    | -    | -    | 4760 | 5160 | 6350 | 6350 | 7140 | 8330  | 8330  | 8330  | 9520  | 9520  |
|                                                    | E,U        | mm   | 3970 | 3970 | -    | 4760 | 4760 | 4760 | 5950 | 7140 | 8330 | 8330 | 9520 | 9520  | 10710 | 11900 | 11900 | 11900 |
|                                                    | N          | mm   | 4760 | 4760 | 4760 | 5950 | 5950 | 5950 | 7140 | 8330 | 8330 | 9520 | 9520 | 10710 | 10710 | 11900 | 13090 | 13090 |
| Size                                               |            | 0800 | 0900 | 1000 | 1100 | 1200 | 1400 | 1600 | 1805 | 2006 | 2206 | 2406 | 2600 | 2800  | 3000  | 3200  | 3400  | 3600  |
| <b>Integrated hydronic kit: 00</b>                 |            |      |      |      |      |      |      |      |      |      |      |      |      |       |       |       |       |       |
| <b>Weights</b>                                     |            |      |      |      |      |      |      |      |      |      |      |      |      |       |       |       |       |       |
| Empty weight                                       | °          | kg   | 2390 | 2430 | 2500 | 2540 | 3030 | 3080 | 3110 | 3810 | 3980 | 4020 | 4560 | 4700  | 5350  | 5690  | 5770  | 6300  |
|                                                    | A,L        | kg   | 2410 | 2470 | 2950 | 3020 | 3060 | 3120 | 3640 | 3910 | 4480 | 4560 | 4980 | 5810  | 6060  | 6160  | 6640  | 6900  |
|                                                    | E,U        | kg   | 2870 | 2910 | 2990 | 3520 | 3590 | 3610 | 4140 | 4690 | 4900 | 5650 | 5690 | 6210  | 6460  | 6950  | 7440  | 7600  |
|                                                    | N          | kg   | 3370 | 3420 | 3490 | 3920 | 3990 | 4020 | 4490 | 5140 | 5360 | 6050 | 6090 | 6610  | 6860  | 7260  | 7840  | 8000  |

Aermec reserves the right to make any modifications deemed necessary.  
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