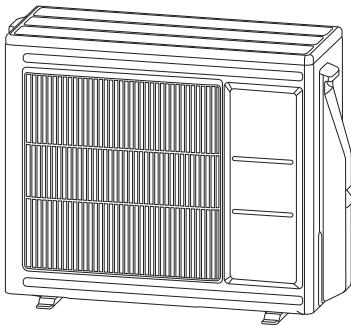


**Outdoor Unit**

WOYA060KLT

WOYA080KLT

WOYA100KLT

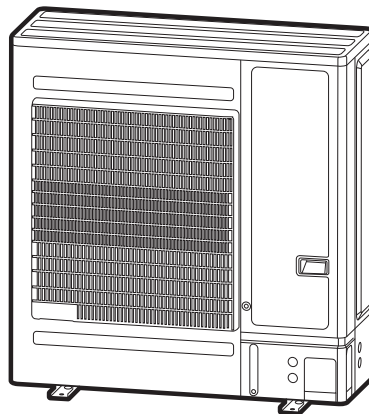


**Hydraulic Module**

024331

024332

024333



**EN**

Technical Data

# Alféa Extensa AI R32

Heat pumps air/water 1 service

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# General description

## ► Table of dimensions and weight

For more information, please refer to the instructions sheets 2140 (Alféa Extensa A.I. R32).

|                             | Alféa Extensa A.I. 5 R32 | Alféa Extensa A.I. 6 R32 | Alféa Extensa A.I. 8 R32 | Alféa Extensa A.I. 10 R32 |
|-----------------------------|--------------------------|--------------------------|--------------------------|---------------------------|
| Reference                   | 526349                   | 526346                   | 526347                   | 526348                    |
| <b>Outdoor unit</b>         | <b>WOYA060KLT</b>        | <b>WOYA060KLT</b>        | <b>WOYA080KLT</b>        | <b>WOYA100KLT</b>         |
| Reference                   | 700227                   | 700227                   | 700228                   | 700229                    |
| Dimensions (H x W x D) (mm) | 632 x 886 x 325          | 632 x 886 x 325          | 716 x 907 x 349          | 996x940x365               |
| Operating weight (kg)       | 39                       | 39                       | 42                       | 62                        |

| Hydraulic unit              | Alféa Extensa A.I. 5 R32 | Alféa Extensa A.I. 6-8 R32 | Alféa Extensa A.I. 10 R32 |
|-----------------------------|--------------------------|----------------------------|---------------------------|
| Reference                   | 024331                   | 024332                     | 024333                    |
| Dimensions (H x W x D) (mm) | 847 x 450 x 493          |                            |                           |
| Weight vacuum / water (kg)  | 45 / 61                  |                            |                           |

## ► Volume of the heating system

You must maintain the minimum installation water volume. Install a buffer tank on the return from the heating circuit in case the volume is lower than this value. Where the system is fitted with one or more thermostatic valves, you must ensure that this minimum water volume is able to circulate.

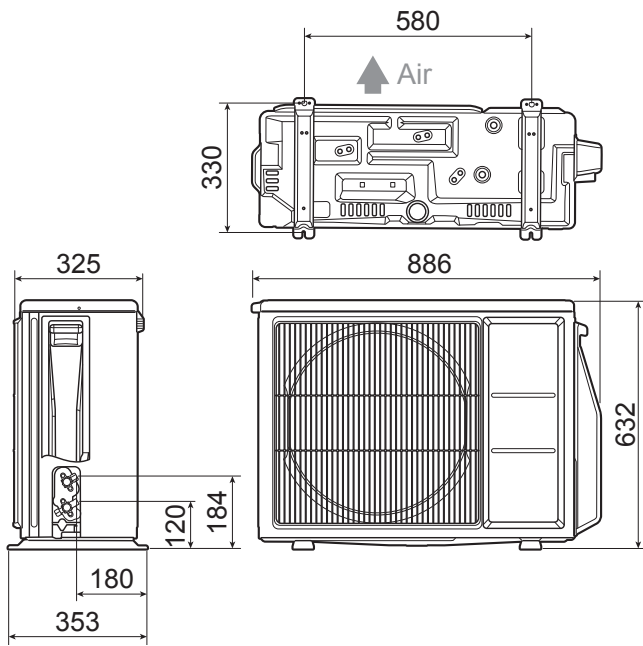
| Appliance | Min. volume in liter PER CIRCUIT |          |                       |
|-----------|----------------------------------|----------|-----------------------|
|           | Fan-coil                         | Radiator | Heating-cooling floor |
| Size 5    | 23                               | 12       | 2                     |
| Size 6    | 23                               | 12       | 2                     |
| Size 8    | 36                               | 33       | 15                    |
| Size 10   | 49                               | 44       | 22                    |

► Drawing of the heat pump

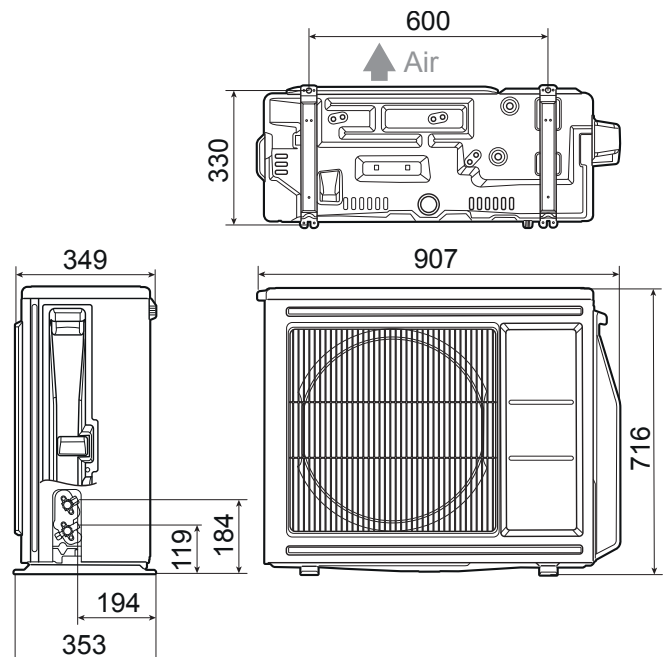
▼ Dimensional drawing

**Outdoors units**

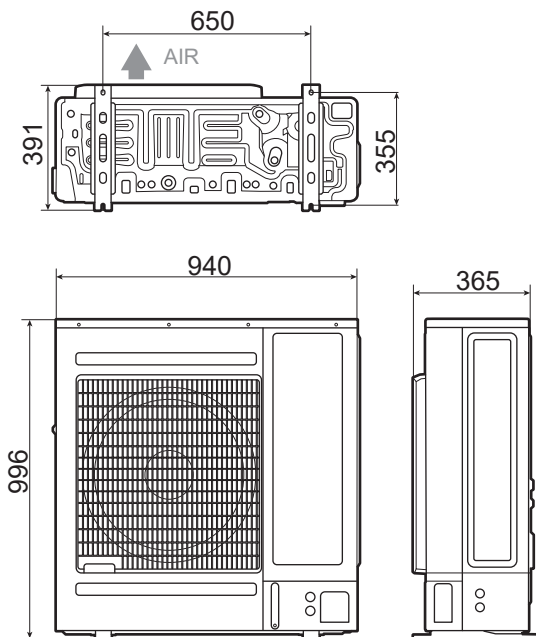
Size 5/6



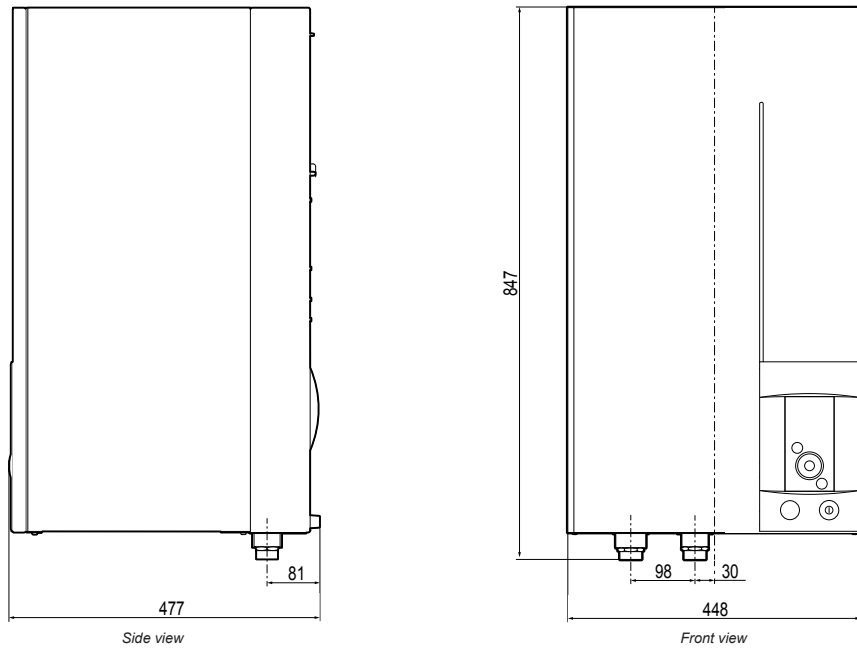
Size 8



Size10



## Hydraulic unit



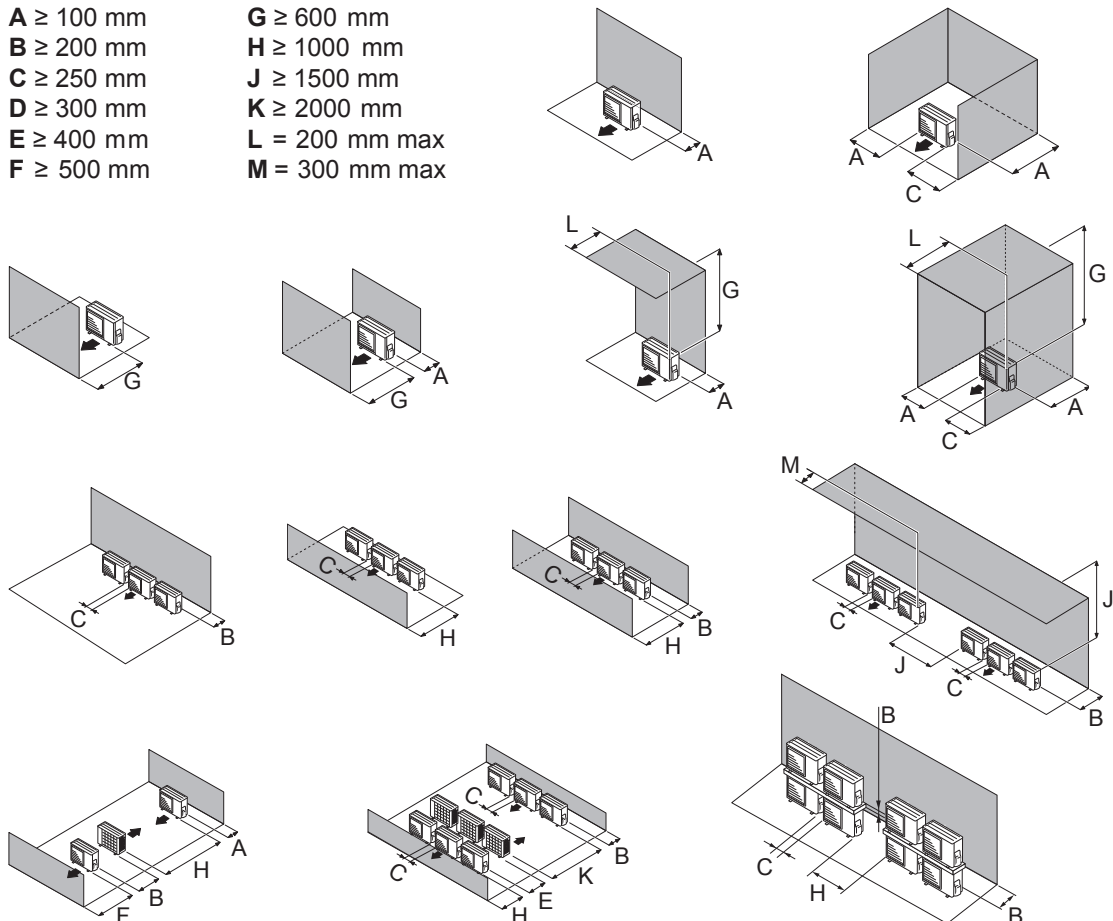
### ▼ Installation place

#### Outdoors units :

The outdoor unit must only be installed outside. If a shelter is required, it must have broad openings on all 4 sides and following the installation conditions below. If installation is carried out in an area where the temperature stays below 0°C for long periods, equip the drain pipe with trace heating to avoid it icing up. Trace heating must heat not only the drain pipe but also the bottom of the appliance's condensate collection tank. In areas with heavy snowfall, if the intake and outlet of the outdoor unit is blocked with snow, heating may become difficult and a failure is likely to occur.

Size 5 / 6 / 8

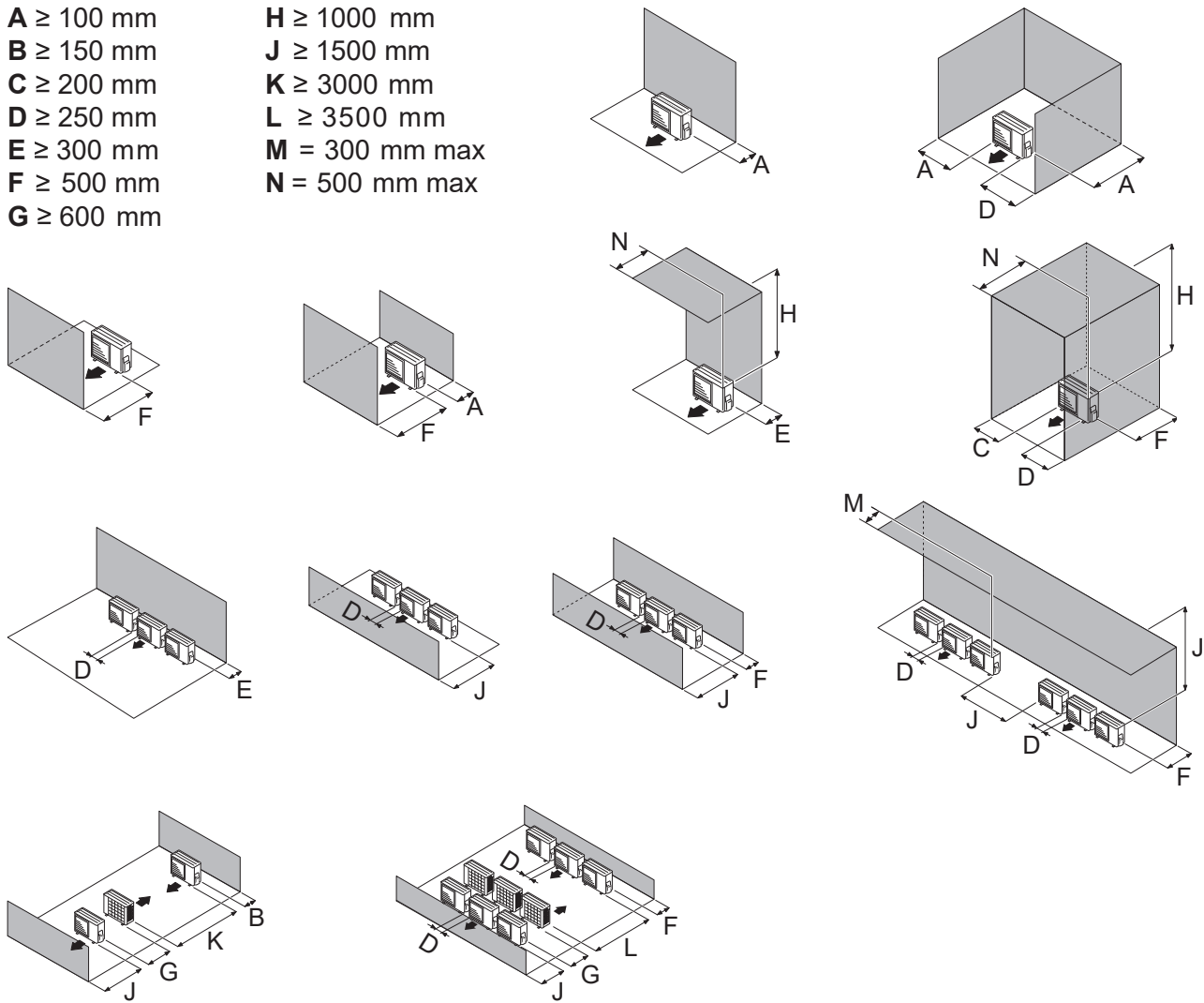
- |                   |                       |
|-------------------|-----------------------|
| <b>A</b> ≥ 100 mm | <b>G</b> ≥ 600 mm     |
| <b>B</b> ≥ 200 mm | <b>H</b> ≥ 1000 mm    |
| <b>C</b> ≥ 250 mm | <b>J</b> ≥ 1500 mm    |
| <b>D</b> ≥ 300 mm | <b>K</b> ≥ 2000 mm    |
| <b>E</b> ≥ 400 mm | <b>L</b> = 200 mm max |
| <b>F</b> ≥ 500 mm | <b>M</b> = 300 mm max |



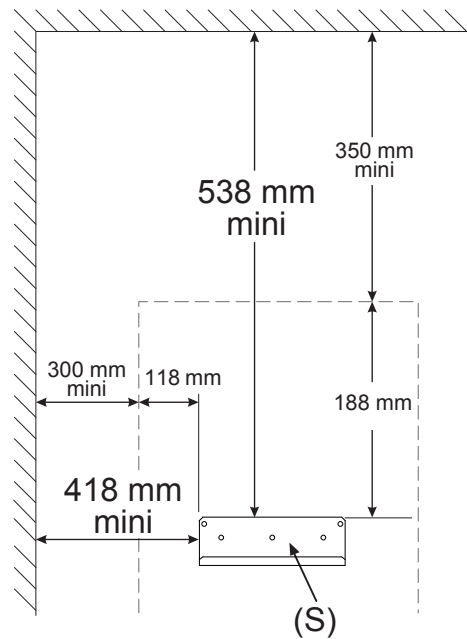
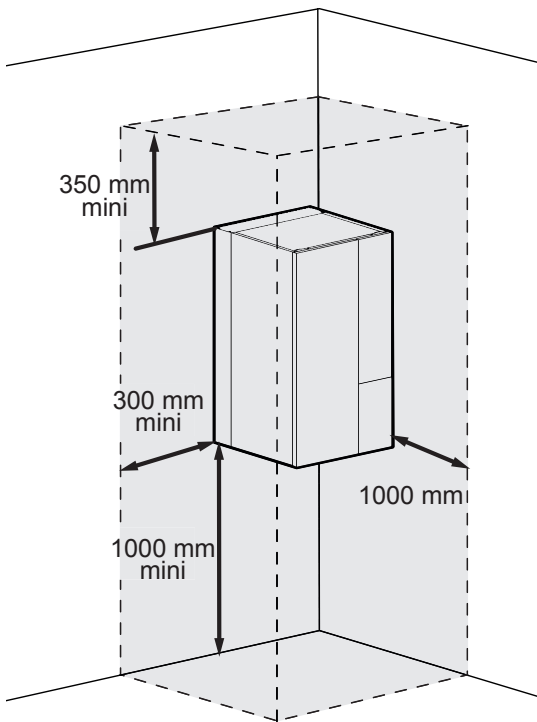
Size 10

**A** ≥ 100 mm  
**B** ≥ 150 mm  
**C** ≥ 200 mm  
**D** ≥ 250 mm  
**E** ≥ 300 mm  
**F** ≥ 500 mm  
**G** ≥ 600 mm

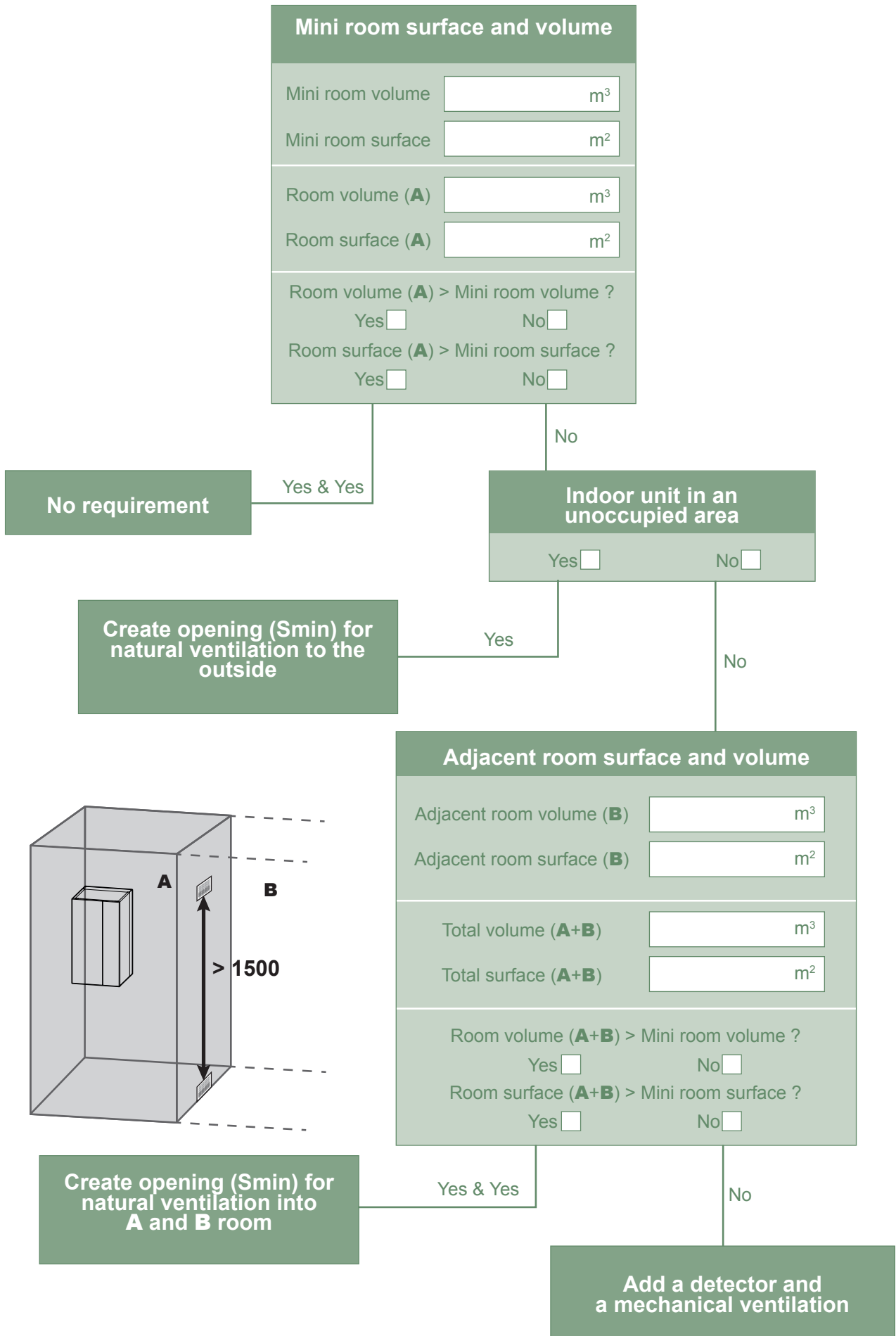
**H** ≥ 1000 mm  
**J** ≥ 1500 mm  
**K** ≥ 3000 mm  
**L** ≥ 3500 mm  
**M** = 300 mm max  
**N** = 500 mm max



**Hydraulic units**



**Mini room surface and volume (Please see all information on manual 2140) :**



## ► Connection pipes

|   | <b>Alféa Extensa<br/>A.I. 5 R32</b> | <b>Alféa Extensa<br/>A.I. 6 R32</b> | <b>Alféa Extensa<br/>A.I. 8 R32</b> | <b>Alféa Extensa<br/>A.I. 10 R32</b> |
|---|-------------------------------------|-------------------------------------|-------------------------------------|--------------------------------------|
| Input and Output Circuit heating diameters (male thread) (inch) | 1                                   | 1                                   | 1                                   | 1                                    |
| Diameter of «Gaz» pipes (inch)                                  | 1/2                                 | 1/2                                 | 1/2                                 | 5/8                                  |
| Diameter of «Liquid» pipes (inch)                               | 1/4                                 | 1/4                                 | 1/4                                 | 3/8                                  |

## ► ERP datas

|   | <b>Alféa Extensa<br/>A.I. 5 R32</b> | <b>Alféa Extensa<br/>A.I. 6 R32</b> | <b>Alféa Extensa<br/>A.I. 8 R32</b> | <b>Alféa Extensa<br/>A.I. 10 R32</b> |
|---|-------------------------------------|-------------------------------------|-------------------------------------|--------------------------------------|
| Energy class - heating (35°/55°)                    | A+++/A++                            | A+++ / A++                          | A+++ / A++                          | A+++ / A++                           |
| Rated heat output (kW)                              | 5 / 5                               | 6 / 5                               | 7 / 6                               | 9 / 8                                |
| Energy seasonal efficiency - heating (35°/55°) (%)  | 175 / 125                           | 175 / 125                           | 177 / 128                           | 178 / 130                            |
| Annual energy consumption - heating (35°/55°) (kWh) | 2322 / 3035                         | 2594 / 3411                         | 2982 / 3903                         | 3875 / 5083                          |
| Acoustic power (indoor / outdoor) (dBa)             | 40 / 57                             | 40 / 57                             | 40 / 60                             | 40 / 62                              |



# Performances

## ► Performances tables in heating mode without electrical back-up

### ▼ Alféa Extensa A.I. 5 R32

Test conditions comply with EN 14825 without electrical backup

| Outdoor temperature | Starting temperature |      |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|---------------------|----------------------|------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                     | 25°C                 |      |       | 30°C |      |      | 35°C |      |      | 40°C |      |      | 45°C |      |      | 50°C |      |      | 55°C |      |      |
|                     | IP                   | HC   | COP   | IP   | HC   | COP  | IP   | HC   | COP  | IP   | HC   | COP  | IP   | HC   | COP  | IP   | HC   | COP  | IP   | HC   | COP  |
| 35°C                | 0.45                 | 4.95 | 10.98 | 0.56 | 4.95 | 8.79 | 0.69 | 4.84 | 7.01 | 0.87 | 4.82 | 5.56 | 1.06 | 4.82 | 4.56 | 1.24 | 4.82 | 3.87 | 1.43 | 4.82 | 3.36 |
| 34°C                | 0.45                 | 4.94 | 11.01 | 0.56 | 4.94 | 8.81 | 0.69 | 4.83 | 7.02 | 0.86 | 4.81 | 5.57 | 1.05 | 4.81 | 4.57 | 1.24 | 4.81 | 3.87 | 1.43 | 4.81 | 3.36 |
| 33°C                | 0.45                 | 4.93 | 11.03 | 0.56 | 4.93 | 8.83 | 0.69 | 4.82 | 7.04 | 0.86 | 4.80 | 5.57 | 1.05 | 4.80 | 4.57 | 1.24 | 4.80 | 3.87 | 1.43 | 4.80 | 3.36 |
| 32°C                | 0.45                 | 4.92 | 11.05 | 0.56 | 4.92 | 8.84 | 0.68 | 4.81 | 7.05 | 0.86 | 4.79 | 5.58 | 1.05 | 4.79 | 4.57 | 1.24 | 4.79 | 3.88 | 1.42 | 4.79 | 3.36 |
| 31°C                | 0.44                 | 4.91 | 11.07 | 0.55 | 4.91 | 8.86 | 0.68 | 4.80 | 7.07 | 0.86 | 4.78 | 5.59 | 1.04 | 4.78 | 4.58 | 1.23 | 4.78 | 3.88 | 1.42 | 4.78 | 3.36 |
| 30°C                | 0.44                 | 4.90 | 11.09 | 0.55 | 4.90 | 8.88 | 0.68 | 4.79 | 7.08 | 0.85 | 4.77 | 5.59 | 1.04 | 4.77 | 4.58 | 1.23 | 4.77 | 3.88 | 1.42 | 4.77 | 3.36 |
| 29°C                | 0.44                 | 4.89 | 11.12 | 0.55 | 4.89 | 8.90 | 0.67 | 4.78 | 7.09 | 0.85 | 4.76 | 5.60 | 1.04 | 4.76 | 4.58 | 1.23 | 4.76 | 3.88 | 1.42 | 4.76 | 3.36 |
| 28°C                | 0.44                 | 4.88 | 11.14 | 0.55 | 4.88 | 8.91 | 0.67 | 4.77 | 7.11 | 0.85 | 4.75 | 5.61 | 1.04 | 4.75 | 4.59 | 1.22 | 4.75 | 3.88 | 1.41 | 4.75 | 3.36 |
| 27°C                | 0.44                 | 4.87 | 11.16 | 0.55 | 4.87 | 8.93 | 0.67 | 4.76 | 7.12 | 0.84 | 4.74 | 5.62 | 1.03 | 4.74 | 4.59 | 1.22 | 4.74 | 3.88 | 1.41 | 4.74 | 3.36 |
| 26°C                | 0.43                 | 4.86 | 11.18 | 0.54 | 4.86 | 8.95 | 0.67 | 4.75 | 7.14 | 0.84 | 4.73 | 5.62 | 1.03 | 4.73 | 4.59 | 1.22 | 4.73 | 3.88 | 1.41 | 4.73 | 3.36 |
| 25°C                | 0.43                 | 4.85 | 11.21 | 0.54 | 4.85 | 8.97 | 0.66 | 4.74 | 7.15 | 0.84 | 4.72 | 5.63 | 1.03 | 4.72 | 4.60 | 1.22 | 4.72 | 3.88 | 1.41 | 4.72 | 3.36 |
| 24°C                | 0.43                 | 4.84 | 11.23 | 0.54 | 4.84 | 8.99 | 0.66 | 4.74 | 7.17 | 0.84 | 4.71 | 5.64 | 1.03 | 4.71 | 4.60 | 1.21 | 4.71 | 3.88 | 1.40 | 4.71 | 3.36 |
| 23°C                | 0.43                 | 4.83 | 11.25 | 0.54 | 4.83 | 9.00 | 0.66 | 4.73 | 7.18 | 0.83 | 4.71 | 5.64 | 1.02 | 4.71 | 4.60 | 1.21 | 4.71 | 3.88 | 1.40 | 4.71 | 3.36 |
| 22°C                | 0.43                 | 4.82 | 11.27 | 0.53 | 4.82 | 9.02 | 0.66 | 4.72 | 7.19 | 0.83 | 4.70 | 5.65 | 1.02 | 4.70 | 4.61 | 1.21 | 4.70 | 3.89 | 1.40 | 4.70 | 3.36 |
| 21°C                | 0.43                 | 4.81 | 11.30 | 0.53 | 4.81 | 9.04 | 0.65 | 4.71 | 7.21 | 0.83 | 4.69 | 5.66 | 1.02 | 4.69 | 4.61 | 1.21 | 4.69 | 3.89 | 1.39 | 4.69 | 3.36 |
| 20°C                | 0.42                 | 4.80 | 11.32 | 0.53 | 4.80 | 9.06 | 0.65 | 4.70 | 7.22 | 0.83 | 4.68 | 5.67 | 1.01 | 4.68 | 4.61 | 1.20 | 4.68 | 3.89 | 1.39 | 4.68 | 3.36 |
| 19°C                | 0.44                 | 4.79 | 10.91 | 0.55 | 4.79 | 8.65 | 0.67 | 4.69 | 6.95 | 0.85 | 4.67 | 5.49 | 1.04 | 4.67 | 4.50 | 1.23 | 4.67 | 3.80 | 1.42 | 4.67 | 3.30 |
| 18°C                | 0.45                 | 4.78 | 10.53 | 0.58 | 4.78 | 8.27 | 0.70 | 4.68 | 6.70 | 0.87 | 4.66 | 5.33 | 1.06 | 4.66 | 4.38 | 1.25 | 4.66 | 3.72 | 1.44 | 4.66 | 3.24 |
| 17°C                | 0.47                 | 4.77 | 10.18 | 0.60 | 4.77 | 7.92 | 0.72 | 4.67 | 6.46 | 0.90 | 4.65 | 5.18 | 1.09 | 4.65 | 4.28 | 1.28 | 4.65 | 3.65 | 1.46 | 4.65 | 3.18 |
| 16°C                | 0.48                 | 4.76 | 9.85  | 0.63 | 4.76 | 7.60 | 0.75 | 4.66 | 6.24 | 0.92 | 4.64 | 5.03 | 1.11 | 4.64 | 4.18 | 1.30 | 4.64 | 3.57 | 1.49 | 4.64 | 3.12 |
| 15°C                | 0.50                 | 4.75 | 9.53  | 0.65 | 4.75 | 7.31 | 0.77 | 4.65 | 6.04 | 0.95 | 4.63 | 4.90 | 1.13 | 4.63 | 4.08 | 1.32 | 4.63 | 3.50 | 1.51 | 4.63 | 3.06 |
| 14°C                | 0.51                 | 4.74 | 9.24  | 0.67 | 4.74 | 7.03 | 0.79 | 4.64 | 5.84 | 0.97 | 4.62 | 4.77 | 1.16 | 4.62 | 3.99 | 1.35 | 4.62 | 3.43 | 1.54 | 4.62 | 3.01 |
| 13°C                | 0.53                 | 4.73 | 8.96  | 0.70 | 4.73 | 6.78 | 0.82 | 4.63 | 5.66 | 0.99 | 4.61 | 4.64 | 1.18 | 4.61 | 3.90 | 1.37 | 4.61 | 3.36 | 1.56 | 4.61 | 2.96 |
| 12°C                | 0.54                 | 4.73 | 8.70  | 0.72 | 4.73 | 6.54 | 0.84 | 4.62 | 5.49 | 1.02 | 4.60 | 4.52 | 1.21 | 4.60 | 3.81 | 1.40 | 4.60 | 3.30 | 1.58 | 4.60 | 2.91 |
| 11°C                | 0.55                 | 4.68 | 8.53  | 0.73 | 4.68 | 6.41 | 0.87 | 4.60 | 5.31 | 1.04 | 4.58 | 4.40 | 1.23 | 4.58 | 3.72 | 1.42 | 4.58 | 3.23 | 1.61 | 4.58 | 2.85 |
| 10°C                | 0.55                 | 4.64 | 8.36  | 0.74 | 4.64 | 6.28 | 0.89 | 4.58 | 5.14 | 1.07 | 4.56 | 4.28 | 1.25 | 4.56 | 3.64 | 1.44 | 4.56 | 3.16 | 1.63 | 4.56 | 2.79 |
| 9°C                 | 0.56                 | 4.59 | 8.19  | 0.75 | 4.59 | 6.16 | 0.91 | 4.56 | 4.99 | 1.09 | 4.54 | 4.17 | 1.28 | 4.54 | 3.55 | 1.47 | 4.54 | 3.09 | 1.66 | 4.54 | 2.74 |
| 8°C                 | 0.57                 | 4.55 | 8.03  | 0.75 | 4.55 | 6.04 | 0.94 | 4.54 | 4.84 | 1.11 | 4.52 | 4.06 | 1.30 | 4.52 | 3.47 | 1.49 | 4.52 | 3.03 | 1.68 | 4.52 | 2.69 |
| 7°C                 | 0.57                 | 4.50 | 7.87  | 0.76 | 4.50 | 5.92 | 0.95 | 4.50 | 4.74 | 1.14 | 4.50 | 3.95 | 1.33 | 4.50 | 3.39 | 1.52 | 4.50 | 2.97 | 1.70 | 4.50 | 2.64 |
| 6°C                 | 0.68                 | 4.44 | 6.56  | 0.81 | 4.42 | 5.46 | 0.98 | 4.41 | 4.51 | 1.15 | 4.39 | 3.83 | 1.31 | 4.38 | 3.33 | 1.48 | 4.36 | 2.94 | 1.65 | 4.35 | 2.64 |
| 5°C                 | 0.76                 | 4.39 | 5.79  | 0.85 | 4.36 | 5.14 | 1.00 | 4.33 | 4.33 | 1.15 | 4.30 | 3.74 | 1.30 | 4.27 | 3.28 | 1.45 | 4.24 | 2.92 | 1.61 | 4.21 | 2.63 |
| 4°C                 | 0.82                 | 4.35 | 5.32  | 0.88 | 4.31 | 4.91 | 1.02 | 4.27 | 4.20 | 1.16 | 4.23 | 3.66 | 1.30 | 4.19 | 3.23 | 1.43 | 4.15 | 2.89 | 1.57 | 4.11 | 2.61 |
| 3°C                 | 0.85                 | 4.31 | 5.07  | 0.89 | 4.27 | 4.78 | 1.03 | 4.22 | 4.11 | 1.16 | 4.17 | 3.60 | 1.29 | 4.12 | 3.19 | 1.42 | 4.07 | 2.86 | 1.56 | 4.02 | 2.59 |
| 2°C                 | 0.86                 | 4.27 | 4.95  | 0.90 | 4.21 | 4.69 | 1.03 | 4.15 | 4.04 | 1.16 | 4.09 | 3.53 | 1.29 | 4.04 | 3.13 | 1.42 | 3.98 | 2.80 | 1.55 | 3.92 | 2.53 |
| 1°C                 | 0.87                 | 4.30 | 4.95  | 0.91 | 4.24 | 4.68 | 1.04 | 4.18 | 4.04 | 1.17 | 4.12 | 3.53 | 1.30 | 4.06 | 3.13 | 1.43 | 4.00 | 2.81 | 1.56 | 3.92 | 2.52 |
| 0°C                 | 0.88                 | 4.32 | 4.89  | 0.92 | 4.26 | 4.61 | 1.06 | 4.21 | 3.98 | 1.19 | 4.15 | 3.49 | 1.32 | 4.09 | 3.10 | 1.45 | 4.03 | 2.78 | 1.58 | 3.91 | 2.48 |
| -1°C                | 0.91                 | 4.35 | 4.79  | 0.96 | 4.29 | 4.48 | 1.09 | 4.24 | 3.88 | 1.22 | 4.18 | 3.41 | 1.36 | 4.12 | 3.03 | 1.49 | 4.06 | 2.72 | 1.61 | 3.91 | 2.43 |
| -2°C                | 0.94                 | 4.37 | 4.64  | 1.00 | 4.32 | 4.30 | 1.14 | 4.26 | 3.74 | 1.28 | 4.20 | 3.30 | 1.41 | 4.15 | 2.94 | 1.54 | 4.09 | 2.65 | 1.66 | 3.91 | 2.36 |
| -3°C                | 0.99                 | 4.40 | 4.45  | 1.06 | 4.34 | 4.09 | 1.20 | 4.29 | 3.57 | 1.34 | 4.23 | 3.16 | 1.48 | 4.17 | 2.82 | 1.61 | 4.11 | 2.55 | 1.72 | 3.91 | 2.27 |
| -4°C                | 1.04                 | 4.42 | 4.24  | 1.13 | 4.37 | 3.86 | 1.28 | 4.32 | 3.37 | 1.42 | 4.26 | 3.00 | 1.56 | 4.20 | 2.69 | 1.70 | 4.14 | 2.44 | 1.80 | 3.91 | 2.17 |
| -5°C                | 1.11                 | 4.45 | 4.01  | 1.22 | 4.39 | 3.61 | 1.37 | 4.35 | 3.17 | 1.51 | 4.29 | 2.83 | 1.66 | 4.23 | 2.55 | 1.80 | 4.17 | 2.31 | 1.89 | 3.90 | 2.07 |
| -6°C                | 1.18                 | 4.47 | 3.78  | 1.31 | 4.42 | 3.36 | 1.48 | 4.37 | 2.96 | 1.62 | 4.31 | 2.66 | 1.77 | 4.25 | 2.40 | 1.92 | 4.20 | 2.19 | 1.99 | 3.90 | 1.96 |
| -7°C                | 1.27                 | 4.50 | 3.55  | 1.42 | 4.44 | 3.12 | 1.59 | 4.40 | 2.76 | 1.75 | 4.34 | 2.49 | 1.90 | 4.28 | 2.26 | 2.05 | 4.22 | 2.06 | 2.11 | 3.90 | 1.85 |
| -8°C                | 1.22                 | 4.43 | 3.63  | 1.39 | 4.35 | 3.13 | 1.56 | 4.27 | 2.73 | 1.72 | 4.21 | 2.44 | 1.88 | 4.15 | 2.20 | 2.05 | 4.10 | 2.00 | 2.15 | 3.87 | 1.80 |
| -9°C                | 1.17                 | 4.36 | 3.71  | 1.35 | 4.25 | 3.15 | 1.53 | 4.13 | 2.71 | 1.70 | 4.08 | 2.40 | 1.87 | 4.03 | 2.15 | 2.04 | 3.97 | 1.95 | 2.18 | 3.83 | 1.76 |
| -10°C               | 1.13                 | 4.29 | 3.81  | 1.31 | 4.15 | 3.16 | 1.49 | 4.00 | 2.68 | 1.67 | 3.95 | 2.36 | 1.86 | 3.90 | 2.10 | 2.04 | 3.85 | 1.89 | 2.22 | 3.80 | 1.71 |
| -11°C               | 1.12                 | 4.21 | 3.75  | 1.30 | 4.06 | 3.12 | 1.49 | 3.92 | 2.64 | 1.68 | 3.87 | 2.31 | 1.87 | 3.82 | 2.04 | 2.06 | 3.77 | 1.83 | 0.00 | 0.00 | 0.00 |
| -12°C               | 1.12                 | 4.12 | 3.69  | 1.30 | 3.98 | 3.07 | 1.48 | 3.84 | 2.60 | 1.68 | 3.79 | 2.26 | 1.88 | 3.75 | 1.99 | 2.09 | 3.70 | 1.77 | 0.00 | 0.00 | 0.00 |
| -13°C               | 1.11                 | 4.04 | 3.64  | 1.29 | 3.90 | 3.02 | 1.47 | 3.76 | 2.56 | 1.68 | 3.72 | 2.21 | 1.89 | 3.67 | 1.94 | 2.10 | 3.62 | 1.72 | 0.00 | 0.00 | 0.00 |
| -14°C               | 1.11                 | 3.96 | 3.58  | 1.28 | 3.82 | 2.98 | 1.46 | 3.69 | 2.52 | 1.68 | 3.64 | 2.17 | 1.90 | 3.60 | 1.89 | 2.12 | 3.55 | 1.68 | 0.00 | 0.00 | 0.00 |
| -15°C               | 1.10                 | 3.88 | 3.53  | 1.28 | 3.75 | 2.93 | 1.46 | 3.62 | 2.48 | 1.68 | 3.57 | 2.13 | 1.90 | 3.53 | 1.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| -16°C               | 1.04                 | 3.78 | 3.62  | 1.21 | 3.66 | 3.02 | 1.38 | 3.54 | 2.56 | 1.63 | 3.50 | 2.15 | 1.87 | 3.46 | 1.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| -17°C               | 0.99                 | 3.67 | 3.70  | 1.15 | 3.57 | 3.09 | 1.31 | 3.45 | 2.63 | 1.58 | 3.42 | 2.17 | 1.84 | 3.39 | 1.84 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| -18°C               | 0.94                 | 3.56 | 3.77  | 1.10 | 3.46 | 3.16 | 1.25 | 3.36 | 2.69 | 1.53 | 3.34 | 2.19 | 1.81 | 3.31 | 1.83 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| -19°C               | 0.90                 | 3.44 | 3.84  | 1.04 | 3.36 | 3.22 | 1.19 | 3.26 | 2.75 | 1.48 | 3.25 | 2.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| -20°C               | 0.85                 | 3.31 | 3.89  | 0.99 | 3.24 | 3.28 | 1.13 | 3.16 | 2.80 | 1.43 | 3.15 | 2.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

HC : Heating capacity (kW)  
 IP : Input power (kW)  
 COP : Coefficient of performance

## ▼ Alféa Extensa A.I. 6 R32

Test conditions comply with EN 14825 without electrical backup

|       | Starting temperature |      |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------|----------------------|------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|       | 25°C                 |      |       | 30°C |      |      | 35°C |      |      | 40°C |      |      | 45°C |      |      | 50°C |      |      | 55°C |      |      |
|       | IP                   | HC   | COP   | IP   | HC   | COP  | IP   | HC   | COP  | IP   | HC   | COP  | IP   | HC   | COP  | IP   | HC   | COP  | IP   | HC   | COP  |
| 35°C  | 0.60                 | 6.05 | 10.09 | 0.73 | 6.05 | 8.27 | 0.88 | 5.92 | 6.71 | 1.09 | 5.89 | 5.42 | 1.31 | 5.89 | 4.51 | 1.53 | 5.89 | 3.86 | 1.75 | 5.89 | 3.38 |
| 34°C  | 0.60                 | 6.03 | 10.11 | 0.73 | 6.03 | 8.28 | 0.88 | 5.90 | 6.72 | 1.08 | 5.88 | 5.43 | 1.30 | 5.88 | 4.51 | 1.52 | 5.88 | 3.86 | 1.74 | 5.88 | 3.38 |
| 33°C  | 0.59                 | 6.02 | 10.13 | 0.73 | 6.02 | 8.30 | 0.87 | 5.89 | 6.74 | 1.08 | 5.87 | 5.43 | 1.30 | 5.87 | 4.52 | 1.52 | 5.87 | 3.86 | 1.74 | 5.87 | 3.38 |
| 32°C  | 0.59                 | 6.01 | 10.15 | 0.72 | 6.01 | 8.32 | 0.87 | 5.88 | 6.75 | 1.08 | 5.86 | 5.44 | 1.30 | 5.86 | 4.52 | 1.51 | 5.86 | 3.87 | 1.73 | 5.86 | 3.38 |
| 31°C  | 0.59                 | 6.00 | 10.17 | 0.72 | 6.00 | 8.33 | 0.87 | 5.87 | 6.76 | 1.07 | 5.84 | 5.45 | 1.29 | 5.84 | 4.52 | 1.51 | 5.84 | 3.87 | 1.73 | 5.84 | 3.38 |
| 30°C  | 0.59                 | 5.99 | 10.19 | 0.72 | 5.99 | 8.35 | 0.86 | 5.86 | 6.78 | 1.07 | 5.83 | 5.45 | 1.29 | 5.83 | 4.53 | 1.51 | 5.83 | 3.87 | 1.73 | 5.83 | 3.38 |
| 29°C  | 0.58                 | 5.97 | 10.22 | 0.71 | 5.97 | 8.37 | 0.86 | 5.85 | 6.79 | 1.07 | 5.82 | 5.46 | 1.28 | 5.82 | 4.53 | 1.50 | 5.82 | 3.87 | 1.72 | 5.82 | 3.38 |
| 28°C  | 0.58                 | 5.96 | 10.24 | 0.71 | 5.96 | 8.38 | 0.86 | 5.83 | 6.80 | 1.06 | 5.81 | 5.47 | 1.28 | 5.81 | 4.53 | 1.50 | 5.81 | 3.87 | 1.72 | 5.81 | 3.38 |
| 27°C  | 0.58                 | 5.95 | 10.26 | 0.71 | 5.95 | 8.40 | 0.85 | 5.82 | 6.82 | 1.06 | 5.80 | 5.48 | 1.28 | 5.80 | 4.54 | 1.50 | 5.80 | 3.87 | 1.72 | 5.80 | 3.38 |
| 26°C  | 0.58                 | 5.94 | 10.28 | 0.71 | 5.94 | 8.42 | 0.85 | 5.81 | 6.83 | 1.05 | 5.79 | 5.48 | 1.27 | 5.79 | 4.54 | 1.49 | 5.79 | 3.87 | 1.71 | 5.79 | 3.38 |
| 25°C  | 0.58                 | 5.93 | 10.30 | 0.70 | 5.93 | 8.43 | 0.85 | 5.80 | 6.85 | 1.05 | 5.77 | 5.49 | 1.27 | 5.77 | 4.54 | 1.49 | 5.77 | 3.87 | 1.71 | 5.77 | 3.38 |
| 24°C  | 0.57                 | 5.92 | 10.32 | 0.70 | 5.92 | 8.45 | 0.84 | 5.79 | 6.86 | 1.05 | 5.76 | 5.50 | 1.27 | 5.76 | 4.55 | 1.49 | 5.76 | 3.88 | 1.71 | 5.76 | 3.38 |
| 23°C  | 0.57                 | 5.90 | 10.34 | 0.70 | 5.90 | 8.47 | 0.84 | 5.78 | 6.87 | 1.04 | 5.75 | 5.51 | 1.26 | 5.75 | 4.55 | 1.48 | 5.75 | 3.88 | 1.70 | 5.75 | 3.38 |
| 22°C  | 0.57                 | 5.89 | 10.36 | 0.69 | 5.89 | 8.48 | 0.84 | 5.76 | 6.89 | 1.04 | 5.74 | 5.51 | 1.26 | 5.74 | 4.55 | 1.48 | 5.74 | 3.88 | 1.70 | 5.74 | 3.38 |
| 21°C  | 0.57                 | 5.88 | 10.38 | 0.69 | 5.88 | 8.50 | 0.83 | 5.75 | 6.90 | 1.04 | 5.73 | 5.52 | 1.26 | 5.73 | 4.56 | 1.48 | 5.73 | 3.88 | 1.70 | 5.73 | 3.38 |
| 20°C  | 0.56                 | 5.87 | 10.40 | 0.69 | 5.87 | 8.52 | 0.83 | 5.74 | 6.91 | 1.03 | 5.72 | 5.53 | 1.25 | 5.72 | 4.56 | 1.47 | 5.72 | 3.88 | 1.69 | 5.72 | 3.38 |
| 19°C  | 0.58                 | 5.86 | 10.06 | 0.72 | 5.86 | 8.17 | 0.86 | 5.73 | 6.67 | 1.06 | 5.70 | 5.37 | 1.28 | 5.70 | 4.45 | 1.50 | 5.70 | 3.80 | 1.72 | 5.70 | 3.32 |
| 18°C  | 0.60                 | 5.84 | 9.74  | 0.75 | 5.84 | 7.84 | 0.89 | 5.72 | 6.45 | 1.09 | 5.69 | 5.22 | 1.31 | 5.69 | 4.35 | 1.53 | 5.69 | 3.72 | 1.75 | 5.69 | 3.26 |
| 17°C  | 0.62                 | 5.83 | 9.44  | 0.77 | 5.83 | 7.54 | 0.92 | 5.71 | 6.24 | 1.12 | 5.68 | 5.08 | 1.34 | 5.68 | 4.25 | 1.56 | 5.68 | 3.65 | 1.78 | 5.68 | 3.20 |
| 16°C  | 0.64                 | 5.82 | 9.16  | 0.80 | 5.82 | 7.26 | 0.94 | 5.70 | 6.04 | 1.15 | 5.67 | 4.94 | 1.37 | 5.67 | 4.15 | 1.59 | 5.67 | 3.58 | 1.81 | 5.67 | 3.14 |
| 15°C  | 0.65                 | 5.81 | 8.89  | 0.83 | 5.81 | 7.00 | 0.97 | 5.68 | 5.85 | 1.18 | 5.66 | 4.81 | 1.39 | 5.66 | 4.06 | 1.61 | 5.66 | 3.51 | 1.83 | 5.66 | 3.09 |
| 14°C  | 0.67                 | 5.80 | 8.64  | 0.86 | 5.80 | 6.75 | 1.00 | 5.67 | 5.67 | 1.20 | 5.65 | 4.69 | 1.42 | 5.65 | 3.97 | 1.64 | 5.65 | 3.44 | 1.86 | 5.65 | 3.03 |
| 13°C  | 0.69                 | 5.79 | 8.40  | 0.89 | 5.79 | 6.52 | 1.03 | 5.66 | 5.50 | 1.23 | 5.64 | 4.57 | 1.45 | 5.64 | 3.88 | 1.67 | 5.64 | 3.37 | 1.89 | 5.64 | 2.98 |
| 12°C  | 0.71                 | 5.78 | 8.17  | 0.92 | 5.78 | 6.31 | 1.06 | 5.65 | 5.35 | 1.26 | 5.63 | 4.46 | 1.48 | 5.63 | 3.80 | 1.70 | 5.63 | 3.31 | 1.92 | 5.63 | 2.93 |
| 11°C  | 0.71                 | 5.72 | 8.01  | 0.92 | 5.72 | 6.18 | 1.09 | 5.63 | 5.18 | 1.29 | 5.60 | 4.35 | 1.51 | 5.60 | 3.71 | 1.73 | 5.60 | 3.24 | 1.95 | 5.60 | 2.88 |
| 10°C  | 0.72                 | 5.67 | 7.85  | 0.93 | 5.67 | 6.06 | 1.11 | 5.60 | 5.03 | 1.32 | 5.58 | 4.23 | 1.54 | 5.58 | 3.63 | 1.76 | 5.58 | 3.18 | 1.98 | 5.58 | 2.82 |
| 9°C   | 0.73                 | 5.61 | 7.69  | 0.94 | 5.61 | 5.94 | 1.14 | 5.58 | 4.88 | 1.35 | 5.55 | 4.13 | 1.56 | 5.55 | 3.55 | 1.78 | 5.55 | 3.11 | 2.00 | 5.55 | 2.77 |
| 8°C   | 0.74                 | 5.56 | 7.54  | 0.95 | 5.56 | 5.82 | 1.17 | 5.55 | 4.74 | 1.37 | 5.53 | 4.02 | 1.59 | 5.53 | 3.47 | 1.81 | 5.53 | 3.05 | 2.03 | 5.53 | 2.72 |
| 7°C   | 0.74                 | 5.50 | 7.39  | 0.96 | 5.50 | 5.71 | 1.18 | 5.50 | 4.65 | 1.40 | 5.50 | 3.92 | 1.62 | 5.50 | 3.39 | 1.84 | 5.50 | 2.99 | 2.06 | 5.50 | 2.67 |
| 6°C   | 0.87                 | 5.41 | 6.20  | 1.03 | 5.39 | 5.22 | 1.23 | 5.37 | 4.36 | 1.43 | 5.35 | 3.74 | 1.63 | 5.33 | 3.27 | 1.83 | 5.32 | 2.91 | 2.03 | 5.30 | 2.61 |
| 5°C   | 0.97                 | 5.33 | 5.48  | 1.09 | 5.30 | 4.87 | 1.27 | 5.26 | 4.14 | 1.45 | 5.23 | 3.60 | 1.64 | 5.19 | 3.17 | 1.82 | 5.16 | 2.84 | 2.00 | 5.12 | 2.56 |
| 4°C   | 1.04                 | 5.27 | 5.04  | 1.13 | 5.22 | 4.64 | 1.30 | 5.17 | 3.99 | 1.47 | 5.12 | 3.49 | 1.64 | 5.08 | 3.09 | 1.81 | 5.03 | 2.77 | 1.98 | 4.98 | 2.51 |
| 3°C   | 1.09                 | 5.22 | 4.80  | 1.15 | 5.16 | 4.49 | 1.31 | 5.10 | 3.88 | 1.48 | 5.05 | 3.41 | 1.64 | 4.99 | 3.03 | 1.81 | 4.93 | 2.73 | 1.97 | 4.87 | 2.47 |
| 2°C   | 1.10                 | 5.15 | 4.68  | 1.16 | 5.08 | 4.40 | 1.32 | 5.01 | 3.80 | 1.48 | 4.94 | 3.34 | 1.64 | 4.87 | 2.96 | 1.81 | 4.80 | 2.66 | 1.97 | 4.73 | 2.40 |
| 1°C   | 1.11                 | 5.15 | 4.65  | 1.16 | 5.08 | 4.37 | 1.33 | 5.01 | 3.78 | 1.49 | 4.94 | 3.32 | 1.65 | 4.87 | 2.95 | 1.81 | 4.79 | 2.64 | 1.97 | 4.68 | 2.37 |
| 0°C   | 1.12                 | 5.15 | 4.59  | 1.18 | 5.08 | 4.29 | 1.35 | 5.01 | 3.72 | 1.51 | 4.94 | 3.27 | 1.67 | 4.86 | 2.91 | 1.83 | 4.79 | 2.61 | 1.98 | 4.63 | 2.33 |
| -1°C  | 1.15                 | 5.15 | 4.48  | 1.22 | 5.08 | 4.17 | 1.38 | 5.01 | 3.62 | 1.54 | 4.93 | 3.19 | 1.70 | 4.86 | 2.85 | 1.87 | 4.78 | 2.56 | 2.00 | 4.57 | 2.28 |
| -2°C  | 1.19                 | 5.15 | 4.33  | 1.26 | 5.08 | 4.02 | 1.43 | 5.01 | 3.49 | 1.59 | 4.93 | 3.09 | 1.75 | 4.85 | 2.77 | 1.91 | 4.77 | 2.50 | 2.03 | 4.52 | 2.23 |
| -3°C  | 1.24                 | 5.15 | 4.16  | 1.32 | 5.07 | 3.83 | 1.50 | 5.01 | 3.34 | 1.66 | 4.93 | 2.98 | 1.81 | 4.85 | 2.67 | 1.97 | 4.77 | 2.42 | 2.06 | 4.46 | 2.17 |
| -4°C  | 1.30                 | 5.15 | 3.97  | 1.40 | 5.07 | 3.63 | 1.58 | 5.00 | 3.17 | 1.73 | 4.92 | 2.84 | 1.89 | 4.84 | 2.57 | 2.04 | 4.76 | 2.33 | 2.09 | 4.41 | 2.11 |
| -5°C  | 1.37                 | 5.15 | 3.76  | 1.49 | 5.07 | 3.41 | 1.67 | 5.00 | 2.99 | 1.82 | 4.92 | 2.70 | 1.97 | 4.83 | 2.45 | 2.12 | 4.75 | 2.24 | 2.14 | 4.36 | 2.04 |
| -6°C  | 1.45                 | 5.15 | 3.55  | 1.59 | 5.07 | 3.20 | 1.78 | 5.00 | 2.81 | 1.93 | 4.92 | 2.55 | 2.07 | 4.83 | 2.33 | 2.22 | 4.74 | 2.14 | 2.19 | 4.30 | 1.96 |
| -7°C  | 1.54                 | 5.15 | 3.33  | 1.70 | 5.07 | 2.98 | 1.90 | 5.00 | 2.63 | 2.04 | 4.91 | 2.40 | 2.19 | 4.82 | 2.21 | 2.33 | 4.74 | 2.03 | 2.25 | 4.25 | 1.89 |
| -8°C  | 1.49                 | 5.06 | 3.40  | 1.64 | 4.94 | 3.01 | 1.83 | 4.83 | 2.64 | 1.98 | 4.73 | 2.39 | 2.12 | 4.63 | 2.18 | 2.27 | 4.53 | 2.00 | 2.27 | 4.17 | 1.84 |
| -9°C  | 1.43                 | 4.97 | 3.48  | 1.59 | 4.82 | 3.04 | 1.76 | 4.67 | 2.66 | 1.91 | 4.55 | 2.39 | 2.06 | 4.44 | 2.15 | 2.21 | 4.33 | 1.96 | 2.29 | 4.08 | 1.78 |
| -10°C | 1.37                 | 4.89 | 3.56  | 1.53 | 4.69 | 3.07 | 1.69 | 4.50 | 2.67 | 1.84 | 4.38 | 2.38 | 2.00 | 4.25 | 2.13 | 2.16 | 4.13 | 1.91 | 2.31 | 4.00 | 1.73 |
| -11°C | 1.37                 | 4.79 | 3.51  | 1.52 | 4.60 | 3.02 | 1.68 | 4.41 | 2.63 | 1.84 | 4.29 | 2.33 | 2.00 | 4.17 | 2.08 | 2.17 | 4.04 | 1.87 | 0.00 | 0.00 | 0.00 |
| -12°C | 1.36                 | 4.69 | 3.45  | 1.51 | 4.51 | 2.98 | 1.67 | 4.32 | 2.59 | 1.84 | 4.20 | 2.29 | 2.01 | 4.08 | 2.03 | 2.18 | 3.96 | 1.82 | 0.00 | 0.00 | 0.00 |
| -13°C | 1.35                 | 4.60 | 3.40  | 1.51 | 4.42 | 2.93 | 1.66 | 4.24 | 2.55 | 1.83 | 4.12 | 2.25 | 2.01 | 4.00 | 1.99 | 2.18 | 3.88 | 1.78 | 0.00 | 0.00 | 0.00 |
| -14°C | 1.34                 | 4.51 | 3.35  | 1.50 | 4.33 | 2.89 | 1.65 | 4.15 | 2.51 | 1.83 | 4.04 | 2.21 | 2.01 | 3.92 | 1.95 | 2.18 | 3.80 | 1.74 | 0.00 | 0.00 | 0.00 |
| -15°C | 1.34                 | 4.42 | 3.30  | 1.49 | 4.24 | 2.85 | 1.64 | 4.07 | 2.47 | 1.82 | 3.95 | 2.17 | 2.00 | 3.84 | 1.92 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| -16°C | 1.27                 | 4.30 | 3.38  | 1.42 | 4.14 | 2.93 | 1.56 | 3.98 | 2.55 | 1.76 | 3.88 | 2.20 | 1.96 | 3.77 | 1.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| -17°C | 1.21                 | 4.18 | 3.46  | 1.35 | 4.04 | 3.00 | 1.48 | 3.89 | 2.62 | 1.70 | 3.79 | 2.23 | 1.91 | 3.69 | 1.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| -18°C | 1.15                 | 4.05 | 3.53  | 1.28 | 3.92 | 3.07 | 1.41 | 3.78 | 2.68 | 1.64 | 3.70 | 2.26 | 1.87 | 3.61 | 1.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| -19°C | 1.09                 | 3.91 | 3.59  | 1.21 | 3.80 | 3.13 | 1.34 | 3.67 | 2.74 | 1.58 | 3.59 | 2.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| -20°C | 1.04                 | 3.77 | 3.64  | 1.15 | 3.67 | 3.18 | 1.27 | 3.55 | 2.79 | 1.52 | 3.48 | 2.29 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

HC : Heating capacity (kW)  
 IP : Input power (kW)  
 COP : Coefficient of performance

## ▼ Alféa Extensa A.I. 8 R32

Test conditions comply with EN 14825 without electrical backup

| Outdoor temperature | Starting temperature |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|---------------------|----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                     | 25°C                 |      |      | 30°C |      |      | 35°C |      |      | 40°C |      |      | 45°C |      |      | 50°C |      |      | 55°C |      |      |
|                     | IP                   | HC   | COP  | IP   | HC   | COP  | IP   | HC   | COP  | IP   | HC   | COP  | IP   | HC   | COP  | IP   | HC   | COP  | IP   | HC   | COP  |
| 35°C                | 1.05                 | 8.52 | 8.14 | 1.20 | 8.38 | 7.00 | 1.37 | 8.13 | 5.94 | 1.59 | 7.98 | 5.02 | 1.82 | 7.85 | 4.30 | 2.06 | 7.73 | 3.75 | 2.29 | 7.60 | 3.31 |
| 34°C                | 1.04                 | 8.50 | 8.16 | 1.19 | 8.37 | 7.02 | 1.36 | 8.11 | 5.95 | 1.58 | 7.96 | 5.03 | 1.82 | 7.84 | 4.31 | 2.05 | 7.71 | 3.76 | 2.29 | 7.59 | 3.32 |
| 33°C                | 1.04                 | 8.49 | 8.18 | 1.19 | 8.35 | 7.03 | 1.36 | 8.10 | 5.97 | 1.58 | 7.95 | 5.03 | 1.81 | 7.82 | 4.31 | 2.05 | 7.70 | 3.76 | 2.28 | 7.57 | 3.32 |
| 32°C                | 1.03                 | 8.47 | 8.19 | 1.18 | 8.33 | 7.04 | 1.35 | 8.08 | 5.98 | 1.57 | 7.93 | 5.04 | 1.81 | 7.81 | 4.32 | 2.04 | 7.68 | 3.76 | 2.28 | 7.56 | 3.32 |
| 31°C                | 1.03                 | 8.45 | 8.21 | 1.18 | 8.32 | 7.06 | 1.35 | 8.07 | 5.99 | 1.57 | 7.92 | 5.05 | 1.80 | 7.79 | 4.32 | 2.04 | 7.67 | 3.76 | 2.27 | 7.54 | 3.32 |
| 30°C                | 1.03                 | 8.44 | 8.23 | 1.17 | 8.30 | 7.07 | 1.34 | 8.05 | 6.00 | 1.56 | 7.90 | 5.06 | 1.80 | 7.77 | 4.33 | 2.03 | 7.65 | 3.76 | 2.27 | 7.52 | 3.32 |
| 29°C                | 1.02                 | 8.42 | 8.24 | 1.17 | 8.28 | 7.09 | 1.34 | 8.03 | 6.01 | 1.56 | 7.88 | 5.06 | 1.79 | 7.76 | 4.33 | 2.03 | 7.63 | 3.77 | 2.26 | 7.51 | 3.32 |
| 28°C                | 1.02                 | 8.40 | 8.26 | 1.16 | 8.27 | 7.10 | 1.33 | 8.02 | 6.03 | 1.55 | 7.87 | 5.07 | 1.79 | 7.74 | 4.33 | 2.02 | 7.62 | 3.77 | 2.26 | 7.49 | 3.32 |
| 27°C                | 1.01                 | 8.39 | 8.28 | 1.16 | 8.25 | 7.11 | 1.33 | 8.00 | 6.04 | 1.55 | 7.85 | 5.08 | 1.78 | 7.73 | 4.34 | 2.02 | 7.60 | 3.77 | 2.25 | 7.48 | 3.32 |
| 26°C                | 1.01                 | 8.37 | 8.29 | 1.15 | 8.23 | 7.13 | 1.32 | 7.99 | 6.05 | 1.54 | 7.84 | 5.09 | 1.78 | 7.71 | 4.34 | 2.01 | 7.59 | 3.77 | 2.24 | 7.46 | 3.32 |
| 25°C                | 1.01                 | 8.35 | 8.31 | 1.15 | 8.22 | 7.14 | 1.31 | 7.97 | 6.06 | 1.54 | 7.82 | 5.09 | 1.77 | 7.69 | 4.35 | 2.00 | 7.57 | 3.78 | 2.24 | 7.44 | 3.32 |
| 24°C                | 1.00                 | 8.34 | 8.33 | 1.15 | 8.20 | 7.16 | 1.31 | 7.95 | 6.07 | 1.53 | 7.80 | 5.10 | 1.76 | 7.68 | 4.35 | 2.00 | 7.55 | 3.78 | 2.23 | 7.43 | 3.33 |
| 23°C                | 1.00                 | 8.32 | 8.34 | 1.14 | 8.18 | 7.17 | 1.30 | 7.94 | 6.09 | 1.52 | 7.79 | 5.11 | 1.76 | 7.66 | 4.36 | 1.99 | 7.54 | 3.78 | 2.23 | 7.41 | 3.33 |
| 22°C                | 0.99                 | 8.30 | 8.36 | 1.14 | 8.17 | 7.19 | 1.30 | 7.92 | 6.10 | 1.52 | 7.77 | 5.12 | 1.75 | 7.65 | 4.36 | 1.99 | 7.52 | 3.78 | 2.22 | 7.40 | 3.33 |
| 21°C                | 0.99                 | 8.29 | 8.38 | 1.13 | 8.15 | 7.20 | 1.29 | 7.91 | 6.11 | 1.51 | 7.76 | 5.12 | 1.75 | 7.63 | 4.36 | 1.98 | 7.51 | 3.79 | 2.22 | 7.38 | 3.33 |
| 20°C                | 0.99                 | 8.27 | 8.39 | 1.13 | 8.14 | 7.21 | 1.29 | 7.89 | 6.12 | 1.51 | 7.74 | 5.13 | 1.74 | 7.62 | 4.37 | 1.98 | 7.49 | 3.79 | 2.21 | 7.37 | 3.33 |
| 19°C                | 1.01                 | 8.25 | 8.19 | 1.16 | 8.12 | 7.00 | 1.32 | 7.87 | 5.96 | 1.54 | 7.73 | 5.01 | 1.78 | 7.60 | 4.28 | 2.01 | 7.48 | 3.72 | 2.24 | 7.35 | 3.27 |
| 18°C                | 1.03                 | 8.24 | 8.00 | 1.19 | 8.10 | 6.80 | 1.35 | 7.86 | 5.81 | 1.57 | 7.71 | 4.90 | 1.81 | 7.58 | 4.20 | 2.04 | 7.46 | 3.65 | 2.28 | 7.33 | 3.22 |
| 17°C                | 1.05                 | 8.22 | 7.81 | 1.22 | 8.09 | 6.61 | 1.39 | 7.84 | 5.66 | 1.61 | 7.69 | 4.79 | 1.84 | 7.57 | 4.11 | 2.07 | 7.44 | 3.59 | 2.31 | 7.32 | 3.17 |
| 16°C                | 1.07                 | 8.20 | 7.64 | 1.26 | 8.07 | 6.42 | 1.42 | 7.83 | 5.52 | 1.64 | 7.68 | 4.69 | 1.87 | 7.55 | 4.03 | 2.11 | 7.43 | 3.53 | 2.34 | 7.30 | 3.12 |
| 15°C                | 1.10                 | 8.19 | 7.47 | 1.29 | 8.05 | 6.25 | 1.45 | 7.81 | 5.39 | 1.67 | 7.66 | 4.59 | 1.90 | 7.54 | 3.96 | 2.14 | 7.41 | 3.47 | 2.37 | 7.29 | 3.07 |
| 14°C                | 1.12                 | 8.17 | 7.31 | 1.32 | 8.04 | 6.09 | 1.48 | 7.80 | 5.26 | 1.70 | 7.65 | 4.49 | 1.94 | 7.52 | 3.88 | 2.17 | 7.40 | 3.41 | 2.41 | 7.27 | 3.02 |
| 13°C                | 1.14                 | 8.15 | 7.15 | 1.35 | 8.02 | 5.93 | 1.51 | 7.78 | 5.14 | 1.73 | 7.63 | 4.40 | 1.97 | 7.51 | 3.81 | 2.20 | 7.38 | 3.35 | 2.44 | 7.26 | 2.98 |
| 12°C                | 1.16                 | 8.14 | 7.00 | 1.39 | 8.01 | 5.78 | 1.55 | 7.77 | 5.02 | 1.77 | 7.62 | 4.31 | 2.00 | 7.49 | 3.74 | 2.24 | 7.37 | 3.29 | 2.47 | 7.24 | 2.93 |
| 11°C                | 1.17                 | 8.06 | 6.86 | 1.40 | 7.93 | 5.66 | 1.58 | 7.72 | 4.89 | 1.80 | 7.57 | 4.21 | 2.03 | 7.44 | 3.66 | 2.27 | 7.32 | 3.23 | 2.50 | 7.19 | 2.87 |
| 10°C                | 1.19                 | 7.98 | 6.73 | 1.41 | 7.85 | 5.55 | 1.61 | 7.67 | 4.76 | 1.83 | 7.52 | 4.11 | 2.07 | 7.40 | 3.58 | 2.30 | 7.27 | 3.16 | 2.53 | 7.15 | 2.82 |
| 9°C                 | 1.20                 | 7.91 | 6.59 | 1.43 | 7.78 | 5.44 | 1.64 | 7.62 | 4.64 | 1.86 | 7.47 | 4.01 | 2.10 | 7.35 | 3.50 | 2.33 | 7.22 | 3.10 | 2.57 | 7.10 | 2.76 |
| 8°C                 | 1.21                 | 7.83 | 6.46 | 1.44 | 7.70 | 5.33 | 1.68 | 7.57 | 4.52 | 1.90 | 7.42 | 3.92 | 2.13 | 7.30 | 3.43 | 2.36 | 7.17 | 3.03 | 2.60 | 7.05 | 2.71 |
| 7°C                 | 1.22                 | 7.75 | 6.33 | 1.46 | 7.63 | 5.23 | 1.69 | 7.50 | 4.43 | 1.93 | 7.38 | 3.83 | 2.16 | 7.25 | 3.35 | 2.40 | 7.13 | 2.97 | 2.63 | 7.00 | 2.66 |
| 6°C                 | 1.27                 | 7.12 | 5.62 | 1.41 | 7.05 | 5.01 | 1.66 | 6.99 | 4.20 | 1.92 | 6.92 | 3.61 | 2.17 | 6.85 | 3.16 | 2.43 | 6.79 | 2.80 | 2.68 | 6.72 | 2.51 |
| 5°C                 | 1.30                 | 6.59 | 5.06 | 1.37 | 6.57 | 4.80 | 1.64 | 6.55 | 4.00 | 1.91 | 6.54 | 3.42 | 2.18 | 6.52 | 2.99 | 2.45 | 6.50 | 2.65 | 2.72 | 6.48 | 2.38 |
| 4°C                 | 1.32                 | 6.15 | 4.64 | 1.34 | 6.17 | 4.61 | 1.62 | 6.20 | 3.82 | 1.90 | 6.22 | 3.27 | 2.19 | 6.24 | 2.86 | 2.47 | 6.27 | 2.54 | 2.75 | 6.29 | 2.29 |
| 3°C                 | 1.34                 | 5.81 | 4.34 | 1.32 | 5.87 | 4.44 | 1.61 | 5.92 | 3.67 | 1.90 | 5.97 | 3.15 | 2.19 | 6.03 | 2.76 | 2.48 | 6.08 | 2.46 | 2.77 | 6.14 | 2.22 |
| 2°C                 | 1.34                 | 5.37 | 4.00 | 1.32 | 5.47 | 4.15 | 1.61 | 5.56 | 3.46 | 1.90 | 5.66 | 2.98 | 2.19 | 5.75 | 2.63 | 2.48 | 5.85 | 2.36 | 2.77 | 5.94 | 2.15 |
| 1°C                 | 1.35                 | 5.44 | 4.03 | 1.33 | 5.51 | 4.16 | 1.61 | 5.58 | 3.46 | 1.90 | 5.66 | 2.97 | 2.19 | 5.74 | 2.61 | 2.48 | 5.81 | 2.34 | 2.77 | 5.87 | 2.12 |
| 0°C                 | 1.37                 | 5.50 | 4.03 | 1.35 | 5.56 | 4.12 | 1.63 | 5.59 | 3.43 | 1.92 | 5.66 | 2.94 | 2.21 | 5.72 | 2.59 | 2.50 | 5.78 | 2.31 | 2.77 | 5.80 | 2.09 |
| -1°C                | 1.39                 | 5.57 | 4.00 | 1.39 | 5.60 | 4.03 | 1.67 | 5.61 | 3.37 | 1.95 | 5.65 | 2.90 | 2.23 | 5.70 | 2.55 | 2.51 | 5.74 | 2.28 | 2.77 | 5.73 | 2.07 |
| -2°C                | 1.43                 | 5.63 | 3.94 | 1.45 | 5.65 | 3.90 | 1.71 | 5.62 | 3.29 | 1.99 | 5.65 | 2.84 | 2.26 | 5.68 | 2.51 | 2.54 | 5.70 | 2.24 | 2.77 | 5.66 | 2.04 |
| -3°C                | 1.48                 | 5.69 | 3.85 | 1.52 | 5.69 | 3.74 | 1.77 | 5.64 | 3.19 | 2.04 | 5.65 | 2.77 | 2.31 | 5.66 | 2.45 | 2.58 | 5.67 | 2.20 | 2.78 | 5.59 | 2.01 |
| -4°C                | 1.54                 | 5.76 | 3.74 | 1.61 | 5.73 | 3.55 | 1.84 | 5.65 | 3.08 | 2.10 | 5.65 | 2.69 | 2.36 | 5.64 | 2.39 | 2.62 | 5.63 | 2.15 | 2.78 | 5.51 | 1.98 |
| -5°C                | 1.61                 | 5.82 | 3.62 | 1.72 | 5.78 | 3.36 | 1.92 | 5.67 | 2.95 | 2.17 | 5.65 | 2.60 | 2.42 | 5.62 | 2.32 | 2.67 | 5.60 | 2.10 | 2.78 | 5.44 | 1.96 |
| -6°C                | 1.69                 | 5.89 | 3.48 | 1.85 | 5.82 | 3.16 | 2.02 | 5.68 | 2.82 | 2.25 | 5.64 | 2.50 | 2.49 | 5.60 | 2.25 | 2.73 | 5.56 | 2.04 | 2.79 | 5.37 | 1.93 |
| -7°C                | 1.78                 | 5.95 | 3.34 | 1.99 | 5.87 | 2.95 | 2.13 | 5.70 | 2.68 | 2.35 | 5.64 | 2.40 | 2.57 | 5.58 | 2.17 | 2.79 | 5.52 | 1.98 | 2.79 | 5.30 | 1.90 |
| -8°C                | 1.89                 | 5.91 | 3.13 | 2.07 | 5.82 | 2.81 | 2.21 | 5.67 | 2.56 | 2.41 | 5.58 | 2.32 | 2.60 | 5.49 | 2.11 | 2.80 | 5.40 | 1.93 | 2.85 | 5.20 | 1.83 |
| -9°C                | 1.99                 | 5.87 | 2.95 | 2.15 | 5.76 | 2.68 | 2.30 | 5.63 | 2.45 | 2.47 | 5.51 | 2.23 | 2.64 | 5.39 | 2.05 | 2.81 | 5.27 | 1.88 | 2.90 | 5.10 | 1.76 |
| -10°C               | 2.10                 | 5.83 | 2.78 | 2.24 | 5.71 | 2.55 | 2.38 | 5.60 | 2.35 | 2.53 | 5.45 | 2.16 | 2.67 | 5.30 | 1.98 | 2.81 | 5.15 | 1.83 | 2.96 | 5.00 | 1.69 |
| -11°C               | 2.08                 | 5.71 | 2.74 | 2.23 | 5.60 | 2.51 | 2.37 | 5.49 | 2.31 | 2.51 | 5.34 | 2.13 | 2.64 | 5.19 | 1.97 | 2.78 | 5.05 | 1.82 | 0.00 | 0.00 | 0.00 |
| -12°C               | 2.07                 | 5.60 | 2.70 | 2.22 | 5.49 | 2.48 | 2.36 | 5.38 | 2.28 | 2.49 | 5.23 | 2.10 | 2.61 | 5.09 | 1.95 | 2.74 | 4.95 | 1.80 | 0.00 | 0.00 | 0.00 |
| -13°C               | 2.06                 | 5.49 | 2.66 | 2.21 | 5.38 | 2.44 | 2.35 | 5.27 | 2.25 | 2.47 | 5.13 | 2.08 | 2.59 | 4.99 | 1.93 | 2.71 | 4.85 | 1.79 | 0.00 | 0.00 | 0.00 |
| -14°C               | 2.05                 | 5.38 | 2.62 | 2.19 | 5.27 | 2.40 | 2.34 | 5.17 | 2.21 | 2.45 | 5.03 | 2.05 | 2.56 | 4.89 | 1.91 | 2.67 | 4.75 | 1.78 | 0.00 | 0.00 | 0.00 |
| -15°C               | 2.04                 | 5.27 | 2.58 | 2.18 | 5.17 | 2.37 | 2.32 | 5.06 | 2.18 | 2.43 | 4.93 | 2.03 | 2.54 | 4.79 | 1.89 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| -16°C               | 1.94                 | 5.13 | 2.64 | 2.07 | 5.04 | 2.43 | 2.21 | 4.95 | 2.24 | 2.33 | 4.83 | 2.07 | 2.46 | 4.70 | 1.91 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| -17°C               | 1.84                 | 4.99 | 2.70 | 1.97 | 4.91 | 2.49 | 2.10 | 4.84 | 2.31 | 2.24 | 4.72 | 2.11 | 2.38 | 4.61 | 1.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| -18°C               | 1.75                 | 4.83 | 2.76 | 1.87 | 4.77 | 2.55 | 1.99 | 4.71 | 2.36 | 2.15 | 4.61 | 2.14 | 2.31 | 4.50 | 1.94 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| -19°C               | 1.66                 | 4.67 | 2.81 | 1.78 | 4.62 | 2.60 | 1.89 | 4.57 | 2.41 | 2.07 | 4.48 | 2.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| -20°C               | 1.58                 | 4.50 | 2.85 | 1.69 | 4.47 | 2.64 | 1.80 | 4.42 | 2.46 | 1.99 | 4.34 | 2.18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

HC : Heating capacity (kW)  
 IP : Input power (kW)  
 COP : Coefficient of performance

▼ Alféa Extensa A.I. 10 R32

Test conditions comply with EN 14825 without electrical backup

|       | Starting temperature |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |      |      |      |      |      |
|-------|----------------------|-------|------|------|-------|------|------|-------|------|------|-------|------|------|-------|------|------|------|------|------|------|------|
|       | 25°C                 |       |      | 30°C |       |      | 35°C |       |      | 40°C |       |      | 45°C |       |      | 50°C |      |      | 55°C |      |      |
|       | IP                   | HC    | COP  | IP   | HC    | COP  | IP   | HC    | COP  | IP   | HC    | COP  | IP   | HC    | COP  | IP   | HC   | COP  | IP   | HC   | COP  |
| 35°C  | 1.27                 | 10.72 | 8.42 | 1.47 | 10.58 | 7.21 | 1.69 | 10.28 | 6.09 | 1.98 | 10.12 | 5.12 | 2.28 | 10.00 | 4.38 | 2.59 | 9.87 | 3.81 | 2.89 | 9.75 | 3.37 |
| 34°C  | 1.27                 | 10.70 | 8.43 | 1.46 | 10.56 | 7.22 | 1.68 | 10.26 | 6.10 | 1.97 | 10.10 | 5.13 | 2.28 | 9.98  | 4.38 | 2.58 | 9.85 | 3.82 | 2.89 | 9.73 | 3.37 |
| 33°C  | 1.26                 | 10.68 | 8.45 | 1.46 | 10.54 | 7.24 | 1.68 | 10.24 | 6.11 | 1.96 | 10.08 | 5.13 | 2.27 | 9.96  | 4.39 | 2.57 | 9.83 | 3.82 | 2.88 | 9.71 | 3.37 |
| 32°C  | 1.26                 | 10.66 | 8.47 | 1.45 | 10.52 | 7.25 | 1.67 | 10.22 | 6.12 | 1.96 | 10.06 | 5.14 | 2.26 | 9.94  | 4.39 | 2.57 | 9.81 | 3.82 | 2.87 | 9.69 | 3.37 |
| 31°C  | 1.25                 | 10.63 | 8.48 | 1.45 | 10.50 | 7.26 | 1.66 | 10.20 | 6.14 | 1.95 | 10.04 | 5.15 | 2.26 | 9.92  | 4.40 | 2.56 | 9.79 | 3.82 | 2.87 | 9.67 | 3.37 |
| 30°C  | 1.25                 | 10.61 | 8.50 | 1.44 | 10.48 | 7.28 | 1.66 | 10.18 | 6.15 | 1.94 | 10.02 | 5.16 | 2.25 | 9.90  | 4.40 | 2.55 | 9.77 | 3.83 | 2.86 | 9.65 | 3.37 |
| 29°C  | 1.24                 | 10.59 | 8.52 | 1.43 | 10.46 | 7.29 | 1.65 | 10.16 | 6.16 | 1.94 | 10.00 | 5.16 | 2.24 | 9.88  | 4.40 | 2.55 | 9.75 | 3.83 | 2.85 | 9.63 | 3.37 |
| 28°C  | 1.24                 | 10.57 | 8.53 | 1.43 | 10.44 | 7.31 | 1.64 | 10.14 | 6.17 | 1.93 | 9.98  | 5.17 | 2.24 | 9.86  | 4.41 | 2.54 | 9.73 | 3.83 | 2.85 | 9.61 | 3.37 |
| 27°C  | 1.23                 | 10.55 | 8.55 | 1.42 | 10.41 | 7.32 | 1.64 | 10.12 | 6.19 | 1.92 | 9.96  | 5.18 | 2.23 | 9.84  | 4.41 | 2.53 | 9.71 | 3.83 | 2.84 | 9.59 | 3.38 |
| 26°C  | 1.23                 | 10.53 | 8.57 | 1.42 | 10.39 | 7.34 | 1.63 | 10.10 | 6.20 | 1.92 | 9.94  | 5.19 | 2.22 | 9.82  | 4.42 | 2.53 | 9.69 | 3.83 | 2.83 | 9.57 | 3.38 |
| 25°C  | 1.22                 | 10.51 | 8.59 | 1.41 | 10.37 | 7.35 | 1.62 | 10.08 | 6.21 | 1.91 | 9.92  | 5.19 | 2.22 | 9.79  | 4.42 | 2.52 | 9.67 | 3.84 | 2.83 | 9.55 | 3.38 |
| 24°C  | 1.22                 | 10.49 | 8.60 | 1.41 | 10.35 | 7.37 | 1.62 | 10.06 | 6.22 | 1.90 | 9.90  | 5.20 | 2.21 | 9.77  | 4.43 | 2.51 | 9.65 | 3.84 | 2.82 | 9.53 | 3.38 |
| 23°C  | 1.21                 | 10.47 | 8.62 | 1.40 | 10.33 | 7.38 | 1.61 | 10.04 | 6.24 | 1.90 | 9.88  | 5.21 | 2.20 | 9.76  | 4.43 | 2.51 | 9.63 | 3.84 | 2.81 | 9.51 | 3.38 |
| 22°C  | 1.21                 | 10.44 | 8.64 | 1.39 | 10.31 | 7.40 | 1.60 | 10.02 | 6.25 | 1.89 | 9.86  | 5.22 | 2.20 | 9.74  | 4.43 | 2.50 | 9.61 | 3.84 | 2.81 | 9.49 | 3.38 |
| 21°C  | 1.20                 | 10.42 | 8.65 | 1.39 | 10.29 | 7.41 | 1.60 | 10.00 | 6.26 | 1.88 | 9.84  | 5.23 | 2.19 | 9.72  | 4.44 | 2.49 | 9.59 | 3.84 | 2.80 | 9.47 | 3.38 |
| 20°C  | 1.20                 | 10.40 | 8.67 | 1.38 | 10.27 | 7.43 | 1.59 | 9.98  | 6.27 | 1.88 | 9.82  | 5.23 | 2.18 | 9.70  | 4.44 | 2.49 | 9.57 | 3.85 | 2.79 | 9.45 | 3.38 |
| 19°C  | 1.20                 | 10.38 | 8.66 | 1.42 | 10.25 | 7.19 | 1.63 | 9.96  | 6.10 | 1.92 | 9.80  | 5.11 | 2.22 | 9.68  | 4.35 | 2.53 | 9.55 | 3.78 | 2.83 | 9.43 | 3.32 |
| 18°C  | 1.26                 | 10.36 | 8.25 | 1.47 | 10.23 | 6.98 | 1.67 | 9.94  | 5.94 | 1.96 | 9.78  | 4.99 | 2.27 | 9.66  | 4.26 | 2.57 | 9.53 | 3.71 | 2.88 | 9.41 | 3.27 |
| 17°C  | 1.28                 | 10.34 | 8.05 | 1.51 | 10.21 | 6.77 | 1.72 | 9.92  | 5.78 | 2.00 | 9.76  | 4.88 | 2.31 | 9.64  | 4.18 | 2.61 | 9.51 | 3.64 | 2.92 | 9.39 | 3.22 |
| 16°C  | 1.31                 | 10.32 | 7.86 | 1.55 | 10.19 | 6.58 | 1.76 | 9.90  | 5.63 | 2.04 | 9.74  | 4.77 | 2.35 | 9.62  | 4.09 | 2.65 | 9.49 | 3.58 | 2.96 | 9.37 | 3.16 |
| 15°C  | 1.34                 | 10.30 | 7.68 | 1.59 | 10.17 | 6.39 | 1.80 | 9.88  | 5.49 | 2.08 | 9.72  | 4.66 | 2.39 | 9.60  | 4.02 | 2.70 | 9.47 | 3.51 | 3.00 | 9.35 | 3.11 |
| 14°C  | 1.37                 | 10.28 | 7.51 | 1.63 | 10.15 | 6.22 | 1.84 | 9.86  | 5.36 | 2.13 | 9.70  | 4.56 | 2.43 | 9.58  | 3.94 | 2.74 | 9.45 | 3.45 | 3.04 | 9.33 | 3.07 |
| 13°C  | 1.40                 | 10.26 | 7.34 | 1.67 | 10.13 | 6.05 | 1.88 | 9.84  | 5.23 | 2.17 | 9.68  | 4.47 | 2.47 | 9.56  | 3.86 | 2.78 | 9.43 | 3.39 | 3.08 | 9.31 | 3.02 |
| 12°C  | 1.43                 | 10.24 | 7.18 | 1.72 | 10.11 | 5.89 | 1.92 | 9.82  | 5.11 | 2.21 | 9.66  | 4.37 | 2.51 | 9.54  | 3.79 | 2.82 | 9.41 | 3.34 | 3.13 | 9.29 | 2.97 |
| 11°C  | 1.44                 | 10.14 | 7.04 | 1.73 | 10.01 | 5.78 | 1.96 | 9.76  | 4.97 | 2.25 | 9.61  | 4.27 | 2.56 | 9.48  | 3.71 | 2.86 | 9.36 | 3.27 | 3.17 | 9.23 | 2.91 |
| 10°C  | 1.46                 | 10.04 | 6.90 | 1.75 | 9.91  | 5.66 | 2.01 | 9.71  | 4.84 | 2.29 | 9.55  | 4.17 | 2.60 | 9.42  | 3.63 | 2.90 | 9.30 | 3.20 | 3.21 | 9.17 | 2.86 |
| 9°C   | 1.47                 | 9.95  | 6.77 | 1.77 | 9.82  | 5.55 | 2.05 | 9.65  | 4.71 | 2.33 | 9.49  | 4.07 | 2.64 | 9.37  | 3.55 | 2.94 | 9.24 | 3.14 | 3.25 | 9.12 | 2.80 |
| 8°C   | 1.49                 | 9.85  | 6.63 | 1.79 | 9.72  | 5.44 | 2.09 | 9.59  | 4.59 | 2.38 | 9.43  | 3.97 | 2.68 | 9.31  | 3.47 | 2.99 | 9.18 | 3.08 | 3.29 | 9.06 | 2.75 |
| 7°C   | 1.50                 | 9.75  | 6.50 | 1.81 | 9.63  | 5.33 | 2.11 | 9.50  | 4.50 | 2.42 | 9.38  | 3.88 | 2.72 | 9.25  | 3.40 | 3.03 | 9.13 | 3.01 | 3.33 | 9.00 | 2.70 |
| 6°C   | 1.68                 | 9.16  | 5.45 | 1.84 | 9.08  | 4.94 | 2.16 | 8.99  | 4.17 | 2.47 | 8.91  | 3.61 | 2.79 | 8.83  | 3.17 | 3.10 | 8.75 | 2.82 | 3.42 | 8.66 | 2.53 |
| 5°C   | 1.82                 | 8.66  | 4.76 | 1.86 | 8.61  | 4.62 | 2.19 | 8.57  | 3.91 | 2.51 | 8.52  | 3.39 | 2.84 | 8.47  | 2.98 | 3.16 | 8.43 | 2.66 | 3.49 | 8.38 | 2.40 |
| 4°C   | 1.92                 | 8.25  | 4.30 | 1.88 | 8.23  | 4.37 | 2.21 | 8.21  | 3.71 | 2.55 | 8.20  | 3.22 | 2.88 | 8.18  | 2.84 | 3.21 | 8.16 | 2.55 | 3.54 | 8.15 | 2.30 |
| 3°C   | 1.98                 | 7.93  | 4.00 | 1.89 | 7.93  | 4.19 | 2.23 | 7.94  | 3.56 | 2.56 | 7.95  | 3.10 | 2.90 | 7.95  | 2.74 | 3.23 | 7.96 | 2.46 | 3.57 | 7.97 | 2.23 |
| 2°C   | 2.00                 | 7.52  | 3.76 | 1.90 | 7.55  | 3.98 | 2.23 | 7.59  | 3.40 | 2.57 | 7.63  | 2.97 | 2.91 | 7.66  | 2.64 | 3.24 | 7.70 | 2.37 | 3.58 | 7.73 | 2.16 |
| 1°C   | 2.01                 | 7.74  | 3.84 | 1.91 | 7.75  | 4.05 | 2.25 | 7.74  | 3.44 | 2.58 | 7.75  | 3.00 | 2.92 | 7.77  | 2.66 | 3.25 | 7.78 | 2.39 | 3.58 | 7.76 | 2.17 |
| 0°C   | 2.05                 | 7.95  | 3.88 | 1.96 | 7.94  | 4.05 | 2.29 | 7.88  | 3.44 | 2.62 | 7.88  | 3.01 | 2.95 | 7.87  | 2.67 | 3.28 | 7.87 | 2.40 | 3.60 | 7.79 | 2.16 |
| -1°C  | 2.11                 | 8.17  | 3.87 | 2.04 | 8.13  | 3.98 | 2.36 | 8.03  | 3.40 | 2.68 | 8.00  | 2.98 | 3.00 | 7.98  | 2.65 | 3.33 | 7.95 | 2.39 | 3.64 | 7.82 | 2.15 |
| -2°C  | 2.19                 | 8.39  | 3.82 | 2.15 | 8.32  | 3.86 | 2.46 | 8.17  | 3.33 | 2.77 | 8.13  | 2.94 | 3.08 | 8.08  | 2.62 | 3.39 | 8.04 | 2.37 | 3.68 | 7.85 | 2.13 |
| -3°C  | 2.30                 | 8.60  | 3.73 | 2.30 | 8.51  | 3.70 | 2.58 | 8.32  | 3.22 | 2.88 | 8.25  | 2.86 | 3.18 | 8.19  | 2.57 | 3.48 | 8.12 | 2.33 | 3.74 | 7.88 | 2.11 |
| -4°C  | 2.44                 | 8.82  | 3.62 | 2.47 | 8.70  | 3.52 | 2.73 | 8.46  | 3.10 | 3.02 | 8.38  | 2.78 | 3.30 | 8.29  | 2.51 | 3.59 | 8.21 | 2.29 | 3.81 | 7.91 | 2.08 |
| -5°C  | 2.60                 | 9.04  | 3.48 | 2.68 | 8.89  | 3.32 | 2.91 | 8.61  | 2.95 | 3.18 | 8.50  | 2.67 | 3.44 | 8.40  | 2.44 | 3.71 | 8.29 | 2.24 | 3.90 | 7.94 | 2.04 |
| -6°C  | 2.78                 | 9.26  | 3.33 | 2.92 | 9.08  | 3.11 | 3.12 | 8.75  | 2.80 | 3.37 | 8.63  | 2.56 | 3.61 | 8.50  | 2.36 | 3.85 | 8.38 | 2.17 | 3.99 | 7.97 | 2.00 |
| -7°C  | 2.99                 | 9.47  | 3.17 | 3.19 | 9.27  | 2.90 | 3.36 | 8.90  | 2.65 | 3.58 | 8.75  | 2.45 | 3.80 | 8.61  | 2.27 | 4.02 | 8.46 | 2.11 | 4.10 | 8.00 | 1.95 |
| -8°C  | 2.99                 | 9.31  | 3.11 | 3.19 | 9.05  | 2.84 | 3.35 | 8.67  | 2.58 | 3.56 | 8.48  | 2.38 | 3.76 | 8.29  | 2.20 | 3.97 | 8.10 | 2.04 | 4.09 | 7.70 | 1.88 |
| -9°C  | 2.99                 | 9.14  | 3.06 | 3.18 | 8.82  | 2.77 | 3.35 | 8.43  | 2.52 | 3.54 | 8.20  | 2.32 | 3.73 | 7.97  | 2.13 | 3.92 | 7.74 | 1.97 | 4.07 | 7.40 | 1.82 |
| -10°C | 2.99                 | 8.97  | 3.00 | 3.17 | 8.59  | 2.71 | 3.35 | 8.20  | 2.45 | 3.52 | 7.93  | 2.25 | 3.70 | 7.65  | 2.07 | 3.88 | 7.38 | 1.90 | 4.06 | 7.10 | 1.75 |
| -11°C | 2.98                 | 8.79  | 2.95 | 3.15 | 8.41  | 2.67 | 3.33 | 8.04  | 2.41 | 3.50 | 7.77  | 2.22 | 3.66 | 7.50  | 2.05 | 3.83 | 7.23 | 1.89 | 0.00 | 0.00 | 0.00 |
| -12°C | 2.96                 | 8.62  | 2.91 | 3.14 | 8.25  | 2.63 | 3.31 | 7.88  | 2.38 | 3.47 | 7.61  | 2.19 | 3.62 | 7.35  | 2.03 | 3.78 | 7.08 | 1.87 | 0.00 | 0.00 | 0.00 |
| -13°C | 2.95                 | 8.45  | 2.87 | 3.12 | 8.08  | 2.59 | 3.30 | 7.72  | 2.34 | 3.44 | 7.46  | 2.17 | 3.59 | 7.20  | 2.01 | 3.73 | 6.94 | 1.86 | 0.00 | 0.00 | 0.00 |
| -14°C | 2.93                 | 8.28  | 2.82 | 3.11 | 7.92  | 2.55 | 3.28 | 7.56  | 2.31 | 3.42 | 7.31  | 2.14 | 3.55 | 7.06  | 1.99 | 3.69 | 6.80 | 1.85 | 0.00 | 0.00 | 0.00 |
| -15°C | 2.92                 | 8.11  | 2.78 | 3.09 | 7.76  | 2.51 | 3.26 | 7.41  | 2.27 | 3.39 | 7.16  | 2.11 | 3.52 | 6.91  | 1.97 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| -16°C | 2.77                 | 7.90  | 2.85 | 2.94 | 7.58  | 2.58 | 3.10 | 7.26  | 2.34 | 3.25 | 7.02  | 2.16 | 3.41 | 6.79  | 1.99 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| -17°C | 2.63                 | 7.68  | 2.92 | 2.79 | 7.38  | 2.65 | 2.95 | 7.08  | 2.40 | 3.13 | 6.87  | 2.20 | 3.30 | 6.65  | 2.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| -18°C | 2.50                 | 7.44  | 2.97 | 2.65 | 7.17  | 2.71 | 2.80 | 6.89  | 2.46 | 3.00 | 6.70  | 2.23 | 3.21 | 6.49  | 2.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| -19°C | 2.38                 | 7.19  | 3.03 | 2.52 | 6.95  | 2.76 | 2.66 | 6.69  | 2.52 | 2.88 | 6.51  | 2.26 | 0.00 | 0.00  | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| -20°C | 2.26                 | 6.93  | 3.07 | 2.39 | 6.71  | 2.81 | 2.53 | 6.48  | 2.56 | 2.77 | 6.31  | 2.28 | 0.00 | 0.00  | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

HC : Heating capacity (kW)  
 IP : Input power (kW)  
 COP : Coefficient of performance



► Performances tables in heating mode including progressively electrical back-up

▼ Alféa Extensa A.I. 5 R32

Test conditions comply with EN 14825 with electrical backup

| Outdoor temperature | Starting temperature |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|---------------------|----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                     | 25°C                 |      |      | 30°C |      |      | 35°C |      |      | 40°C |      |      | 45°C |      |      | 50°C |      |      | 55°C |      |      |
|                     | IP                   | HC   | COP  | IP   | HC   | COP  | IP   | HC   | COP  | IP   | HC   | COP  | IP   | HC   | COP  | IP   | HC   | COP  | IP   | HC   | COP  |
| 35°C                | 1.23                 | 8.61 | 7.00 | 1.47 | 8.25 | 5.62 | 1.54 | 7.48 | 4.84 | 1.71 | 7.03 | 4.12 | 1.89 | 6.70 | 3.55 | 2.07 | 6.39 | 3.09 | 2.25 | 6.10 | 2.71 |
| 34°C                | 1.22                 | 8.59 | 7.01 | 1.46 | 8.23 | 5.63 | 1.54 | 7.46 | 4.85 | 1.70 | 7.02 | 4.13 | 1.88 | 6.69 | 3.56 | 2.06 | 6.38 | 3.09 | 2.24 | 6.08 | 2.71 |
| 33°C                | 1.22                 | 8.57 | 7.03 | 1.46 | 8.22 | 5.64 | 1.53 | 7.45 | 4.86 | 1.69 | 7.00 | 4.14 | 1.87 | 6.67 | 3.56 | 2.06 | 6.36 | 3.10 | 2.24 | 6.07 | 2.71 |
| 32°C                | 1.22                 | 8.56 | 7.04 | 1.45 | 8.20 | 5.65 | 1.53 | 7.43 | 4.87 | 1.69 | 6.99 | 4.14 | 1.87 | 6.66 | 3.56 | 2.05 | 6.35 | 3.10 | 2.23 | 6.05 | 2.71 |
| 31°C                | 1.21                 | 8.54 | 7.06 | 1.44 | 8.18 | 5.67 | 1.52 | 7.42 | 4.88 | 1.68 | 6.98 | 4.15 | 1.86 | 6.64 | 3.57 | 2.04 | 6.33 | 3.10 | 2.22 | 6.04 | 2.71 |
| 30°C                | 1.21                 | 8.52 | 7.07 | 1.44 | 8.17 | 5.68 | 1.51 | 7.40 | 4.89 | 1.67 | 6.96 | 4.16 | 1.86 | 6.63 | 3.57 | 2.04 | 6.32 | 3.10 | 2.22 | 6.02 | 2.71 |
| 29°C                | 1.20                 | 8.51 | 7.08 | 1.43 | 8.15 | 5.69 | 1.51 | 7.39 | 4.90 | 1.67 | 6.95 | 4.16 | 1.85 | 6.61 | 3.58 | 2.03 | 6.30 | 3.10 | 2.21 | 6.01 | 2.72 |
| 28°C                | 1.20                 | 8.49 | 7.10 | 1.43 | 8.14 | 5.70 | 1.50 | 7.37 | 4.91 | 1.66 | 6.93 | 4.17 | 1.84 | 6.60 | 3.58 | 2.03 | 6.29 | 3.11 | 2.21 | 5.99 | 2.72 |
| 27°C                | 1.19                 | 8.47 | 7.11 | 1.42 | 8.12 | 5.71 | 1.50 | 7.36 | 4.92 | 1.66 | 6.92 | 4.18 | 1.84 | 6.58 | 3.58 | 2.02 | 6.28 | 3.11 | 2.20 | 5.98 | 2.72 |
| 26°C                | 1.19                 | 8.45 | 7.13 | 1.42 | 8.10 | 5.72 | 1.49 | 7.35 | 4.93 | 1.65 | 6.90 | 4.18 | 1.83 | 6.57 | 3.59 | 2.01 | 6.26 | 3.11 | 2.19 | 5.97 | 2.72 |
| 25°C                | 1.18                 | 8.44 | 7.14 | 1.41 | 8.09 | 5.73 | 1.48 | 7.33 | 4.94 | 1.64 | 6.89 | 4.19 | 1.83 | 6.56 | 3.59 | 2.01 | 6.25 | 3.11 | 2.19 | 5.95 | 2.72 |
| 24°C                | 1.18                 | 8.42 | 7.16 | 1.40 | 8.07 | 5.74 | 1.48 | 7.32 | 4.95 | 1.64 | 6.87 | 4.20 | 1.82 | 6.54 | 3.59 | 2.00 | 6.23 | 3.11 | 2.18 | 5.94 | 2.72 |
| 23°C                | 1.17                 | 8.40 | 7.17 | 1.40 | 8.05 | 5.76 | 1.47 | 7.30 | 4.96 | 1.63 | 6.86 | 4.20 | 1.81 | 6.53 | 3.60 | 2.00 | 6.22 | 3.12 | 2.18 | 5.92 | 2.72 |
| 22°C                | 1.17                 | 8.39 | 7.18 | 1.39 | 8.04 | 5.77 | 1.47 | 7.29 | 4.97 | 1.63 | 6.85 | 4.21 | 1.81 | 6.51 | 3.60 | 1.99 | 6.20 | 3.12 | 2.17 | 5.91 | 2.72 |
| 21°C                | 1.16                 | 8.37 | 7.20 | 1.39 | 8.02 | 5.78 | 1.46 | 7.27 | 4.98 | 1.62 | 6.83 | 4.22 | 1.80 | 6.50 | 3.61 | 1.98 | 6.19 | 3.12 | 2.16 | 5.89 | 2.72 |
| 20°C                | 1.16                 | 8.35 | 7.21 | 1.38 | 8.01 | 5.79 | 1.45 | 7.26 | 4.99 | 1.61 | 6.82 | 4.22 | 1.80 | 6.48 | 3.61 | 1.98 | 6.18 | 3.12 | 2.16 | 5.88 | 2.72 |
| 19°C                | 1.17                 | 8.34 | 7.13 | 1.40 | 7.99 | 5.72 | 1.47 | 7.24 | 4.93 | 1.63 | 6.80 | 4.18 | 1.81 | 6.47 | 3.57 | 1.99 | 6.16 | 3.09 | 2.17 | 5.87 | 2.70 |
| 18°C                | 1.18                 | 8.32 | 7.04 | 1.41 | 7.97 | 5.65 | 1.48 | 7.23 | 4.87 | 1.64 | 6.79 | 4.13 | 1.82 | 6.46 | 3.54 | 2.01 | 6.15 | 3.06 | 2.19 | 5.85 | 2.67 |
| 17°C                | 1.19                 | 8.30 | 6.96 | 1.43 | 7.96 | 5.58 | 1.50 | 7.21 | 4.81 | 1.66 | 6.77 | 4.09 | 1.84 | 6.44 | 3.50 | 2.02 | 6.13 | 3.03 | 2.20 | 5.84 | 2.65 |
| 16°C                | 1.20                 | 8.29 | 6.88 | 1.44 | 7.94 | 5.51 | 1.51 | 7.20 | 4.76 | 1.67 | 6.76 | 4.04 | 1.85 | 6.43 | 3.47 | 2.04 | 6.12 | 3.01 | 2.22 | 5.82 | 2.63 |
| 15°C                | 1.22                 | 8.27 | 6.80 | 1.45 | 7.93 | 5.45 | 1.53 | 7.19 | 4.70 | 1.69 | 6.75 | 4.00 | 1.87 | 6.41 | 3.43 | 2.05 | 6.10 | 2.98 | 2.23 | 5.81 | 2.60 |
| 14°C                | 1.23                 | 8.25 | 6.73 | 1.47 | 7.91 | 5.38 | 1.54 | 7.17 | 4.65 | 1.70 | 6.73 | 3.96 | 1.88 | 6.40 | 3.40 | 2.06 | 6.09 | 2.95 | 2.25 | 5.80 | 2.58 |
| 13°C                | 1.24                 | 8.24 | 6.65 | 1.48 | 7.89 | 5.32 | 1.56 | 7.16 | 4.60 | 1.72 | 6.72 | 3.92 | 1.90 | 6.39 | 3.37 | 2.08 | 6.08 | 2.92 | 2.26 | 5.78 | 2.56 |
| 12°C                | 1.25                 | 8.22 | 6.58 | 1.50 | 7.88 | 5.26 | 1.57 | 7.14 | 4.55 | 1.73 | 6.70 | 3.87 | 1.91 | 6.37 | 3.33 | 2.09 | 6.06 | 2.90 | 2.27 | 5.77 | 2.54 |
| 11°C                | 1.36                 | 8.10 | 5.97 | 1.59 | 7.75 | 4.87 | 1.69 | 7.10 | 4.20 | 1.85 | 6.66 | 3.60 | 2.03 | 6.33 | 3.12 | 2.21 | 6.02 | 2.72 | 2.39 | 5.73 | 2.39 |
| 10°C                | 1.45                 | 7.95 | 5.49 | 1.67 | 7.60 | 4.55 | 1.79 | 7.04 | 3.92 | 1.95 | 6.60 | 3.38 | 2.14 | 6.27 | 2.94 | 2.32 | 5.96 | 2.57 | 2.50 | 5.67 | 2.27 |
| 9°C                 | 1.56                 | 7.83 | 5.03 | 1.76 | 7.47 | 4.24 | 1.91 | 7.00 | 3.66 | 2.07 | 6.56 | 3.16 | 2.26 | 6.23 | 2.76 | 2.44 | 5.92 | 2.43 | 2.62 | 5.63 | 2.15 |
| 8°C                 | 1.65                 | 7.69 | 4.67 | 1.84 | 7.32 | 3.98 | 2.02 | 6.94 | 3.44 | 2.18 | 6.51 | 2.99 | 2.36 | 6.17 | 2.62 | 2.54 | 5.93 | 2.33 | 2.72 | 5.69 | 2.09 |
| 7°C                 | 1.80                 | 7.60 | 4.23 | 1.98 | 7.24 | 3.66 | 2.16 | 6.87 | 3.18 | 2.34 | 6.56 | 2.80 | 2.52 | 6.32 | 2.50 | 2.71 | 6.08 | 2.25 | 2.89 | 5.84 | 2.02 |
| 6°C                 | 2.12                 | 7.56 | 3.57 | 2.28 | 7.27 | 3.18 | 2.47 | 6.98 | 2.82 | 2.67 | 6.73 | 2.52 | 2.86 | 6.53 | 2.29 | 3.05 | 6.34 | 2.08 | 3.24 | 6.14 | 1.89 |
| 5°C                 | 2.37                 | 7.50 | 3.16 | 2.52 | 7.28 | 2.88 | 2.72 | 7.05 | 2.59 | 2.92 | 6.86 | 2.34 | 3.12 | 6.70 | 2.14 | 3.32 | 6.54 | 1.97 | 3.52 | 6.38 | 1.81 |
| 4°C                 | 2.71                 | 7.59 | 2.80 | 2.86 | 7.42 | 2.60 | 3.06 | 7.25 | 2.37 | 3.27 | 7.10 | 2.17 | 3.47 | 6.97 | 2.01 | 3.68 | 6.84 | 1.86 | 3.89 | 6.71 | 1.73 |
| 3°C                 | 2.96                 | 7.64 | 2.58 | 3.10 | 7.51 | 2.43 | 3.31 | 7.38 | 2.23 | 3.52 | 7.27 | 2.07 | 3.72 | 7.16 | 1.92 | 3.93 | 7.06 | 1.79 | 4.14 | 6.95 | 1.68 |
| 2°C                 | 3.29                 | 7.73 | 2.35 | 3.43 | 7.65 | 2.23 | 3.64 | 7.58 | 2.08 | 3.85 | 7.50 | 1.95 | 4.06 | 7.43 | 1.83 | 4.27 | 7.36 | 1.72 | 4.48 | 7.28 | 1.63 |
| 1°C                 | 3.35                 | 7.65 | 2.28 | 3.49 | 7.58 | 2.17 | 3.70 | 7.51 | 2.03 | 3.91 | 7.43 | 1.90 | 4.12 | 7.36 | 1.79 | 4.33 | 7.29 | 1.68 | 4.54 | 7.18 | 1.58 |
| 0°C                 | 3.41                 | 7.57 | 2.22 | 3.54 | 7.50 | 2.12 | 3.75 | 7.43 | 1.98 | 3.96 | 7.36 | 1.86 | 4.17 | 7.29 | 1.75 | 4.38 | 7.22 | 1.65 | 4.58 | 7.09 | 1.55 |
| -1°C                | 3.47                 | 7.49 | 2.16 | 3.60 | 7.42 | 2.06 | 3.81 | 7.36 | 1.93 | 4.01 | 7.29 | 1.82 | 4.22 | 7.22 | 1.71 | 4.42 | 7.15 | 1.62 | 4.62 | 6.99 | 1.51 |
| -2°C                | 3.52                 | 7.41 | 2.10 | 3.66 | 7.35 | 2.01 | 3.86 | 7.29 | 1.89 | 4.06 | 7.22 | 1.78 | 4.26 | 7.15 | 1.68 | 4.46 | 7.08 | 1.59 | 4.64 | 6.90 | 1.49 |
| -3°C                | 3.58                 | 7.34 | 2.05 | 3.72 | 7.27 | 1.95 | 3.92 | 7.21 | 1.84 | 4.11 | 7.15 | 1.74 | 4.30 | 7.08 | 1.65 | 4.50 | 7.02 | 1.56 | 4.66 | 6.80 | 1.46 |
| -4°C                | 3.63                 | 7.26 | 2.00 | 3.78 | 7.19 | 1.91 | 3.97 | 7.14 | 1.80 | 4.15 | 7.08 | 1.70 | 4.34 | 7.01 | 1.62 | 4.52 | 6.95 | 1.54 | 4.67 | 6.71 | 1.44 |
| -5°C                | 3.69                 | 7.18 | 1.95 | 3.83 | 7.12 | 1.86 | 4.02 | 7.07 | 1.76 | 4.19 | 7.00 | 1.67 | 4.37 | 6.94 | 1.59 | 4.54 | 6.88 | 1.51 | 4.66 | 6.61 | 1.42 |
| -6°C                | 3.74                 | 7.10 | 1.90 | 3.89 | 7.04 | 1.81 | 4.07 | 6.99 | 1.72 | 4.23 | 6.93 | 1.64 | 4.40 | 6.87 | 1.56 | 4.56 | 6.81 | 1.49 | 4.65 | 6.52 | 1.40 |
| -7°C                | 3.76                 | 6.99 | 1.86 | 3.91 | 6.93 | 1.77 | 4.08 | 6.89 | 1.69 | 4.24 | 6.83 | 1.61 | 4.39 | 6.77 | 1.54 | 4.54 | 6.71 | 1.48 | 4.60 | 6.39 | 1.39 |
| -8°C                | 3.86                 | 7.07 | 1.83 | 4.03 | 6.99 | 1.73 | 4.20 | 6.91 | 1.64 | 4.36 | 6.85 | 1.57 | 4.52 | 6.79 | 1.50 | 4.69 | 6.74 | 1.44 | 4.79 | 6.51 | 1.36 |
| -9°C                | 3.93                 | 7.12 | 1.81 | 4.11 | 7.01 | 1.71 | 4.29 | 6.89 | 1.61 | 4.46 | 6.84 | 1.53 | 4.63 | 6.79 | 1.47 | 4.80 | 6.73 | 1.40 | 4.94 | 6.59 | 1.33 |
| -10°C               | 4.04                 | 7.20 | 1.78 | 4.22 | 7.06 | 1.67 | 4.40 | 6.91 | 1.57 | 4.58 | 6.86 | 1.50 | 4.77 | 6.81 | 1.43 | 4.95 | 6.76 | 1.37 | 5.13 | 6.71 | 1.31 |
| -11°C               | 4.12                 | 7.21 | 1.75 | 4.30 | 7.06 | 1.64 | 4.49 | 6.92 | 1.54 | 4.68 | 6.87 | 1.47 | 4.87 | 6.82 | 1.40 | 5.06 | 6.77 | 1.34 | 5.00 | 6.70 | 1.00 |
| -12°C               | 4.12                 | 7.12 | 1.73 | 4.30 | 6.98 | 1.62 | 4.48 | 6.84 | 1.53 | 4.68 | 6.79 | 1.45 | 4.88 | 6.75 | 1.38 | 5.09 | 6.70 | 1.32 | 5.00 | 6.70 | 1.00 |
| -13°C               | 4.11                 | 7.04 | 1.71 | 4.29 | 6.90 | 1.61 | 4.47 | 6.76 | 1.51 | 4.68 | 6.72 | 1.43 | 4.89 | 6.67 | 1.36 | 5.10 | 6.62 | 1.30 | 5.00 | 6.70 | 1.00 |
| -14°C               | 4.11                 | 6.96 | 1.70 | 4.28 | 6.82 | 1.59 | 4.46 | 6.69 | 1.50 | 4.68 | 6.64 | 1.42 | 4.90 | 6.60 | 1.35 | 5.12 | 6.55 | 1.28 | 5.00 | 6.70 | 1.00 |
| -15°C               | 4.10                 | 6.88 | 1.68 | 4.28 | 6.75 | 1.58 | 4.46 | 6.62 | 1.48 | 4.68 | 6.57 | 1.40 | 4.90 | 6.53 | 1.33 | 5.00 | 6.50 | 1.00 | 5.00 | 6.70 | 1.00 |
| -16°C               | 4.04                 | 6.78 | 1.68 | 4.21 | 6.66 | 1.58 | 4.38 | 6.54 | 1.49 | 4.63 | 6.50 | 1.40 | 4.87 | 6.46 | 1.33 | 5.00 | 6.50 | 1.00 | 5.00 | 6.70 | 1.00 |
| -17°C               | 3.99                 | 6.67 | 1.67 | 4.15 | 6.57 | 1.58 | 4.31 | 6.45 | 1.50 | 4.58 | 6.42 | 1.40 | 4.84 | 6.39 | 1.32 | 5.00 | 6.50 | 1.00 | 5.00 | 6.70 | 1.00 |
| -18°C               | 3.94                 | 6.56 | 1.66 | 4.10 | 6.46 | 1.58 | 4.25 | 6.36 | 1.50 | 4.53 | 6.34 | 1.40 | 4.81 | 6.31 | 1.31 | 5.00 | 6.50 | 1.00 | 5.00 | 6.70 | 1.00 |
| -19°C               | 3.90                 | 6.44 | 1.65 | 4.04 | 6.36 | 1.57 | 4.19 | 6.26 | 1.50 | 4.48 | 6.25 | 1.39 | 4.80 | 6.30 | 1.00 | 5.00 | 6.50 | 1.00 | 5.00 | 6.70 | 1.00 |
| -20°C               | 3.85                 | 6.31 | 1.64 | 3.99 | 6.24 | 1.56 | 4.13 | 6.16 | 1.49 | 4.43 | 6.15 | 1.39 | 4.80 | 6.30 | 1.00 | 5.00 | 6.50 | 1.00 | 5.00 | 6.70 | 1.00 |

HC : Heating capacity (kW)  
 IP : Input power (kW)  
 COP : Coefficient of performance

▼ Alféa Extensa A.I. 6 R32

Test conditions comply with EN 14825 with electrical backup

|       | Starting temperature |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------|----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|       | 25°C                 |      |      | 30°C |      |      | 35°C |      |      | 40°C |      |      | 45°C |      |      | 50°C |      |      | 55°C |      |      |
|       | IP                   | HC   | COP  | IP   | HC   | COP  | IP   | HC   | COP  | IP   | HC   | COP  | IP   | HC   | COP  | IP   | HC   | COP  | IP   | HC   | COP  |
| 35°C  | 1.47                 | 9.90 | 6.75 | 1.74 | 9.48 | 5.44 | 1.78 | 8.34 | 4.70 | 1.90 | 7.54 | 3.97 | 2.05 | 6.94 | 3.39 | 2.19 | 6.43 | 2.93 | 2.34 | 5.98 | 2.55 |
| 34°C  | 1.46                 | 9.88 | 6.77 | 1.74 | 9.47 | 5.45 | 1.77 | 8.32 | 4.71 | 1.89 | 7.52 | 3.98 | 2.04 | 6.93 | 3.40 | 2.19 | 6.42 | 2.94 | 2.33 | 5.96 | 2.56 |
| 33°C  | 1.45                 | 9.86 | 6.78 | 1.73 | 9.45 | 5.46 | 1.76 | 8.30 | 4.71 | 1.88 | 7.51 | 3.98 | 2.03 | 6.91 | 3.40 | 2.18 | 6.40 | 2.94 | 2.32 | 5.94 | 2.56 |
| 32°C  | 1.45                 | 9.84 | 6.79 | 1.72 | 9.43 | 5.47 | 1.75 | 8.29 | 4.72 | 1.88 | 7.49 | 3.99 | 2.02 | 6.89 | 3.41 | 2.17 | 6.38 | 2.94 | 2.32 | 5.93 | 2.56 |
| 31°C  | 1.44                 | 9.82 | 6.81 | 1.72 | 9.41 | 5.48 | 1.75 | 8.27 | 4.73 | 1.87 | 7.47 | 4.00 | 2.02 | 6.88 | 3.41 | 2.16 | 6.37 | 2.94 | 2.31 | 5.91 | 2.56 |
| 30°C  | 1.44                 | 9.80 | 6.82 | 1.71 | 9.39 | 5.49 | 1.74 | 8.25 | 4.74 | 1.86 | 7.46 | 4.00 | 2.01 | 6.86 | 3.41 | 2.16 | 6.35 | 2.95 | 2.30 | 5.89 | 2.56 |
| 29°C  | 1.43                 | 9.78 | 6.83 | 1.70 | 9.37 | 5.50 | 1.73 | 8.24 | 4.75 | 1.86 | 7.44 | 4.01 | 2.00 | 6.85 | 3.42 | 2.15 | 6.34 | 2.95 | 2.30 | 5.88 | 2.56 |
| 28°C  | 1.43                 | 9.76 | 6.85 | 1.70 | 9.35 | 5.51 | 1.73 | 8.22 | 4.76 | 1.85 | 7.43 | 4.02 | 2.00 | 6.83 | 3.42 | 2.14 | 6.32 | 2.95 | 2.29 | 5.86 | 2.56 |
| 27°C  | 1.42                 | 9.74 | 6.86 | 1.69 | 9.33 | 5.52 | 1.72 | 8.20 | 4.77 | 1.84 | 7.41 | 4.02 | 1.99 | 6.81 | 3.43 | 2.14 | 6.30 | 2.95 | 2.28 | 5.85 | 2.56 |
| 26°C  | 1.41                 | 9.72 | 6.87 | 1.68 | 9.31 | 5.53 | 1.71 | 8.19 | 4.78 | 1.84 | 7.39 | 4.03 | 1.98 | 6.80 | 3.43 | 2.13 | 6.29 | 2.95 | 2.28 | 5.83 | 2.56 |
| 25°C  | 1.41                 | 9.70 | 6.89 | 1.68 | 9.30 | 5.54 | 1.71 | 8.17 | 4.79 | 1.83 | 7.38 | 4.03 | 1.98 | 6.78 | 3.43 | 2.12 | 6.27 | 2.96 | 2.27 | 5.82 | 2.56 |
| 24°C  | 1.40                 | 9.68 | 6.90 | 1.67 | 9.28 | 5.56 | 1.70 | 8.15 | 4.80 | 1.82 | 7.36 | 4.04 | 1.97 | 6.77 | 3.44 | 2.12 | 6.26 | 2.96 | 2.26 | 5.80 | 2.56 |
| 23°C  | 1.40                 | 9.66 | 6.92 | 1.66 | 9.26 | 5.57 | 1.69 | 8.14 | 4.81 | 1.82 | 7.35 | 4.05 | 1.96 | 6.75 | 3.44 | 2.11 | 6.24 | 2.96 | 2.26 | 5.78 | 2.56 |
| 22°C  | 1.39                 | 9.64 | 6.93 | 1.66 | 9.24 | 5.58 | 1.69 | 8.12 | 4.82 | 1.81 | 7.33 | 4.05 | 1.96 | 6.73 | 3.44 | 2.10 | 6.23 | 2.96 | 2.25 | 5.77 | 2.56 |
| 21°C  | 1.39                 | 9.62 | 6.94 | 1.65 | 9.22 | 5.59 | 1.68 | 8.11 | 4.83 | 1.80 | 7.32 | 4.06 | 1.95 | 6.72 | 3.45 | 2.10 | 6.21 | 2.96 | 2.24 | 5.75 | 2.57 |
| 20°C  | 1.38                 | 9.60 | 6.96 | 1.64 | 9.20 | 5.60 | 1.67 | 8.09 | 4.84 | 1.80 | 7.30 | 4.07 | 1.94 | 6.70 | 3.45 | 2.09 | 6.19 | 2.97 | 2.24 | 5.74 | 2.57 |
| 19°C  | 1.39                 | 9.58 | 6.91 | 1.65 | 9.19 | 5.57 | 1.68 | 8.07 | 4.81 | 1.80 | 7.28 | 4.05 | 1.95 | 6.69 | 3.43 | 2.09 | 6.18 | 2.95 | 2.24 | 5.72 | 2.55 |
| 18°C  | 1.39                 | 9.57 | 6.86 | 1.65 | 9.17 | 5.54 | 1.68 | 8.06 | 4.79 | 1.81 | 7.27 | 4.02 | 1.95 | 6.67 | 3.42 | 2.10 | 6.16 | 2.93 | 2.25 | 5.70 | 2.54 |
| 17°C  | 1.40                 | 9.55 | 6.81 | 1.66 | 9.15 | 5.51 | 1.69 | 8.04 | 4.76 | 1.81 | 7.25 | 4.00 | 1.96 | 6.66 | 3.40 | 2.11 | 6.15 | 2.92 | 2.25 | 5.69 | 2.53 |
| 16°C  | 1.41                 | 9.53 | 6.76 | 1.67 | 9.13 | 5.48 | 1.69 | 8.03 | 4.74 | 1.82 | 7.24 | 3.98 | 1.96 | 6.64 | 3.38 | 2.11 | 6.13 | 2.90 | 2.26 | 5.67 | 2.51 |
| 15°C  | 1.42                 | 9.51 | 6.71 | 1.67 | 9.11 | 5.45 | 1.70 | 8.01 | 4.71 | 1.82 | 7.22 | 3.96 | 1.97 | 6.63 | 3.36 | 2.12 | 6.12 | 2.89 | 2.26 | 5.66 | 2.50 |
| 14°C  | 1.42                 | 9.49 | 6.67 | 1.68 | 9.09 | 5.42 | 1.71 | 7.99 | 4.69 | 1.83 | 7.21 | 3.94 | 1.98 | 6.61 | 3.35 | 2.12 | 6.10 | 2.87 | 2.27 | 5.64 | 2.49 |
| 13°C  | 1.43                 | 9.47 | 6.62 | 1.68 | 9.08 | 5.39 | 1.71 | 7.98 | 4.66 | 1.83 | 7.19 | 3.92 | 1.98 | 6.59 | 3.33 | 2.13 | 6.08 | 2.86 | 2.28 | 5.63 | 2.47 |
| 12°C  | 1.44                 | 9.45 | 6.58 | 1.69 | 9.06 | 5.36 | 1.72 | 7.96 | 4.64 | 1.84 | 7.18 | 3.90 | 1.99 | 6.58 | 3.31 | 2.13 | 6.07 | 2.84 | 2.28 | 5.61 | 2.46 |
| 11°C  | 1.54                 | 9.31 | 6.04 | 1.77 | 8.85 | 5.00 | 1.83 | 7.85 | 4.29 | 1.95 | 7.06 | 3.62 | 2.10 | 6.46 | 3.08 | 2.24 | 5.95 | 2.65 | 2.39 | 5.61 | 2.34 |
| 10°C  | 1.63                 | 9.16 | 5.62 | 1.84 | 8.63 | 4.70 | 1.92 | 7.72 | 4.01 | 2.05 | 6.93 | 3.39 | 2.19 | 6.33 | 2.89 | 2.34 | 5.95 | 2.54 | 2.49 | 5.70 | 2.29 |
| 9°C   | 1.73                 | 9.02 | 5.20 | 1.92 | 8.43 | 4.39 | 2.03 | 7.60 | 3.74 | 2.16 | 6.82 | 3.16 | 2.30 | 6.30 | 2.74 | 2.45 | 6.05 | 2.47 | 2.60 | 5.80 | 2.23 |
| 8°C   | 1.82                 | 8.86 | 4.87 | 1.99 | 8.21 | 4.13 | 2.13 | 7.47 | 3.51 | 2.25 | 6.69 | 2.97 | 2.40 | 6.39 | 2.66 | 2.55 | 6.14 | 2.41 | 2.69 | 5.89 | 2.19 |
| 7°C   | 1.97                 | 8.76 | 4.45 | 2.12 | 8.05 | 3.80 | 2.26 | 7.33 | 3.24 | 2.41 | 6.80 | 2.82 | 2.56 | 6.54 | 2.56 | 2.70 | 6.29 | 2.33 | 2.85 | 6.04 | 2.12 |
| 6°C   | 2.65                 | 8.87 | 3.34 | 2.78 | 8.31 | 2.99 | 2.94 | 7.75 | 2.64 | 3.11 | 7.33 | 2.36 | 3.27 | 7.11 | 2.17 | 3.43 | 6.89 | 2.01 | 3.60 | 6.67 | 1.85 |
| 5°C   | 3.21                 | 8.95 | 2.79 | 3.32 | 8.52 | 2.57 | 3.50 | 8.09 | 2.31 | 3.68 | 7.76 | 2.11 | 3.85 | 7.57 | 1.96 | 4.03 | 7.38 | 1.83 | 4.21 | 7.19 | 1.71 |
| 4°C   | 3.68                 | 9.02 | 2.45 | 3.77 | 8.70 | 2.31 | 3.96 | 8.38 | 2.12 | 4.15 | 8.12 | 1.96 | 4.33 | 7.96 | 1.84 | 4.52 | 7.79 | 1.72 | 4.71 | 7.62 | 1.62 |
| 3°C   | 4.04                 | 9.08 | 2.25 | 4.13 | 8.85 | 2.14 | 4.32 | 8.61 | 1.99 | 4.52 | 8.41 | 1.86 | 4.71 | 8.27 | 1.75 | 4.91 | 8.12 | 1.65 | 5.10 | 7.97 | 1.56 |
| 2°C   | 4.50                 | 9.15 | 2.03 | 4.58 | 9.02 | 1.97 | 4.78 | 8.90 | 1.86 | 4.97 | 8.77 | 1.76 | 5.17 | 8.65 | 1.67 | 5.36 | 8.53 | 1.59 | 5.56 | 8.40 | 1.51 |
| 1°C   | 4.50                 | 9.04 | 2.01 | 4.58 | 8.92 | 1.95 | 4.78 | 8.80 | 1.84 | 4.97 | 8.68 | 1.75 | 5.17 | 8.56 | 1.66 | 5.36 | 8.44 | 1.57 | 5.56 | 8.27 | 1.49 |
| 0°C   | 4.50                 | 8.93 | 1.98 | 4.59 | 8.81 | 1.92 | 4.78 | 8.70 | 1.82 | 4.98 | 8.58 | 1.72 | 5.17 | 8.47 | 1.64 | 5.36 | 8.35 | 1.56 | 5.54 | 8.14 | 1.47 |
| -1°C  | 4.50                 | 8.82 | 1.96 | 4.59 | 8.71 | 1.89 | 4.79 | 8.60 | 1.80 | 4.98 | 8.49 | 1.70 | 5.17 | 8.37 | 1.62 | 5.36 | 8.26 | 1.54 | 5.52 | 8.02 | 1.45 |
| -2°C  | 4.51                 | 8.71 | 1.93 | 4.60 | 8.60 | 1.87 | 4.80 | 8.50 | 1.77 | 4.99 | 8.39 | 1.68 | 5.17 | 8.28 | 1.60 | 5.36 | 8.17 | 1.53 | 5.50 | 7.89 | 1.43 |
| -3°C  | 4.51                 | 8.59 | 1.90 | 4.62 | 8.49 | 1.84 | 4.82 | 8.40 | 1.74 | 4.99 | 8.30 | 1.66 | 5.17 | 8.19 | 1.58 | 5.35 | 8.09 | 1.51 | 5.46 | 7.76 | 1.42 |
| -4°C  | 4.52                 | 8.48 | 1.88 | 4.63 | 8.39 | 1.81 | 4.83 | 8.30 | 1.72 | 5.00 | 8.20 | 1.64 | 5.18 | 8.10 | 1.56 | 5.35 | 8.00 | 1.50 | 5.42 | 7.63 | 1.41 |
| -5°C  | 4.53                 | 8.37 | 1.85 | 4.65 | 8.28 | 1.78 | 4.85 | 8.20 | 1.69 | 5.02 | 8.10 | 1.62 | 5.18 | 8.01 | 1.55 | 5.34 | 7.91 | 1.48 | 5.37 | 7.51 | 1.40 |
| -6°C  | 4.53                 | 8.26 | 1.82 | 4.68 | 8.17 | 1.75 | 4.88 | 8.10 | 1.66 | 5.03 | 8.01 | 1.59 | 5.18 | 7.92 | 1.53 | 5.34 | 7.82 | 1.47 | 5.31 | 7.38 | 1.39 |
| -7°C  | 4.54                 | 8.15 | 1.79 | 4.70 | 8.07 | 1.72 | 4.90 | 8.00 | 1.63 | 5.04 | 7.91 | 1.57 | 5.19 | 7.82 | 1.51 | 5.33 | 7.74 | 1.45 | 5.25 | 7.25 | 1.38 |
| -8°C  | 4.49                 | 8.06 | 1.80 | 4.64 | 7.94 | 1.71 | 4.83 | 7.83 | 1.62 | 4.98 | 7.73 | 1.55 | 5.12 | 7.63 | 1.49 | 5.27 | 7.53 | 1.43 | 5.27 | 7.17 | 1.36 |
| -9°C  | 4.43                 | 7.97 | 1.80 | 4.59 | 7.82 | 1.70 | 4.76 | 7.67 | 1.61 | 4.91 | 7.55 | 1.54 | 5.06 | 7.44 | 1.47 | 5.21 | 7.33 | 1.41 | 5.29 | 7.08 | 1.34 |
| -10°C | 4.37                 | 7.89 | 1.80 | 4.53 | 7.69 | 1.70 | 4.69 | 7.50 | 1.60 | 4.84 | 7.38 | 1.52 | 5.00 | 7.25 | 1.45 | 5.16 | 7.13 | 1.38 | 5.31 | 7.00 | 1.32 |
| -11°C | 4.37                 | 7.79 | 1.78 | 4.52 | 7.60 | 1.68 | 4.68 | 7.41 | 1.58 | 4.84 | 7.29 | 1.51 | 5.00 | 7.17 | 1.43 | 5.17 | 7.04 | 1.36 | 3.00 | 3.00 | 1.00 |
| -12°C | 4.36                 | 7.69 | 1.77 | 4.51 | 7.51 | 1.66 | 4.67 | 7.32 | 1.57 | 4.84 | 7.20 | 1.49 | 5.01 | 7.08 | 1.41 | 5.18 | 6.96 | 1.35 | 3.00 | 3.00 | 1.00 |
| -13°C | 4.35                 | 7.60 | 1.75 | 4.51 | 7.42 | 1.65 | 4.66 | 7.24 | 1.55 | 4.83 | 7.12 | 1.47 | 5.01 | 7.00 | 1.40 | 5.18 | 6.88 | 1.33 | 3.00 | 3.00 | 1.00 |
| -14°C | 4.34                 | 7.51 | 1.73 | 4.50 | 7.33 | 1.63 | 4.65 | 7.15 | 1.54 | 4.83 | 7.04 | 1.46 | 5.01 | 6.92 | 1.38 | 5.18 | 6.80 | 1.31 | 3.00 | 3.00 | 1.00 |
| -15°C | 4.34                 | 7.42 | 1.71 | 4.49 | 7.24 | 1.61 | 4.64 | 7.07 | 1.52 | 4.82 | 6.95 | 1.44 | 5.00 | 6.84 | 1.37 | 3.00 | 3.00 | 1.00 | 3.00 | 3.00 | 1.00 |
| -16°C | 4.27                 | 7.30 | 1.71 | 4.42 | 7.14 | 1.62 | 4.56 | 6.98 | 1.53 | 4.76 | 6.88 | 1.45 | 4.96 | 6.77 | 1.37 | 3.00 | 3.00 | 1.00 | 3.00 | 3.00 | 1.00 |
| -17°C | 4.21                 | 7.18 | 1.71 | 4.35 | 7.04 | 1.62 | 4.48 | 6.89 | 1.54 | 4.70 | 6.79 | 1.45 | 4.91 | 6.69 | 1.36 | 3.00 | 3.00 | 1.00 | 3.00 | 3.00 | 1.00 |
| -18°C | 4.15                 | 7.05 | 1.70 | 4.28 | 6.92 | 1.62 | 4.41 | 6.78 | 1.54 | 4.64 | 6.70 | 1.44 | 4.87 | 6.61 | 1.36 | 3.00 | 3.00 | 1.00 | 3.00 | 3.00 | 1.00 |
| -19°C | 4.09                 | 6.91 | 1.69 | 4.21 | 6.80 | 1.61 | 4.34 | 6.67 | 1.54 | 4.58 | 6.59 | 1.44 | 3.00 | 3.00 | 1.00 | 3.00 | 3.00 | 1.00 | 3.00 | 3.00 | 1.00 |
| -20°C | 4.04                 | 6.77 | 1.68 | 4.15 | 6.67 | 1.61 | 4.27 | 6.55 | 1.53 | 4.52 | 6.48 | 1.43 | 3.00 | 3.00 | 1.00 | 3.00 | 3.00 | 1.00 | 3.00 | 3.00 | 1.00 |

HC : Heating capacity (kW)  
 IP : Input power (kW)  
 COP : Coefficient of performance

## ▼ Alféa Extensa A.I. 8 R32

Test conditions comply with EN 14825 with electrical backup

| Outdoor temperature | Starting temperature |       |      |      |       |      |      |       |      |      |      |      |      |      |      |      |      |      |      |      |      |
|---------------------|----------------------|-------|------|------|-------|------|------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                     | 25°C                 |       |      | 30°C |       |      | 35°C |       |      | 40°C |      |      | 45°C |      |      | 50°C |      |      | 55°C |      |      |
|                     | IP                   | HC    | COP  | IP   | HC    | COP  | IP   | HC    | COP  | IP   | HC   | COP  | IP   | HC   | COP  | IP   | HC   | COP  | IP   | HC   | COP  |
| 35°C                | 1.80                 | 12.66 | 7.02 | 2.19 | 12.15 | 5.56 | 2.20 | 10.59 | 4.82 | 2.37 | 9.76 | 4.13 | 2.58 | 9.19 | 3.57 | 2.79 | 8.69 | 3.12 | 3.00 | 8.23 | 2.74 |
| 34°C                | 1.80                 | 12.63 | 7.03 | 2.18 | 12.13 | 5.57 | 2.19 | 10.57 | 4.83 | 2.36 | 9.74 | 4.13 | 2.57 | 9.17 | 3.57 | 2.78 | 8.67 | 3.12 | 2.99 | 8.21 | 2.74 |
| 33°C                | 1.79                 | 12.61 | 7.05 | 2.17 | 12.10 | 5.58 | 2.18 | 10.55 | 4.84 | 2.35 | 9.72 | 4.14 | 2.56 | 9.15 | 3.58 | 2.77 | 8.65 | 3.12 | 2.98 | 8.19 | 2.74 |
| 32°C                | 1.78                 | 12.58 | 7.06 | 2.16 | 12.08 | 5.59 | 2.17 | 10.53 | 4.85 | 2.34 | 9.70 | 4.15 | 2.55 | 9.13 | 3.58 | 2.76 | 8.63 | 3.12 | 2.97 | 8.17 | 2.74 |
| 31°C                | 1.77                 | 12.56 | 7.07 | 2.15 | 12.05 | 5.60 | 2.16 | 10.51 | 4.86 | 2.33 | 9.68 | 4.15 | 2.54 | 9.11 | 3.58 | 2.75 | 8.61 | 3.13 | 2.97 | 8.14 | 2.75 |
| 30°C                | 1.77                 | 12.53 | 7.09 | 2.14 | 12.03 | 5.61 | 2.15 | 10.49 | 4.87 | 2.32 | 9.66 | 4.16 | 2.53 | 9.09 | 3.59 | 2.75 | 8.59 | 3.13 | 2.96 | 8.12 | 2.75 |
| 29°C                | 1.76                 | 12.51 | 7.10 | 2.14 | 12.01 | 5.62 | 2.14 | 10.47 | 4.88 | 2.31 | 9.64 | 4.17 | 2.53 | 9.07 | 3.59 | 2.74 | 8.57 | 3.13 | 2.95 | 8.10 | 2.75 |
| 28°C                | 1.75                 | 12.48 | 7.12 | 2.13 | 11.98 | 5.63 | 2.13 | 10.44 | 4.89 | 2.31 | 9.62 | 4.17 | 2.52 | 9.05 | 3.60 | 2.73 | 8.55 | 3.13 | 2.94 | 8.08 | 2.75 |
| 27°C                | 1.75                 | 12.46 | 7.13 | 2.12 | 11.96 | 5.65 | 2.13 | 10.42 | 4.90 | 2.30 | 9.60 | 4.18 | 2.51 | 9.03 | 3.60 | 2.72 | 8.53 | 3.14 | 2.93 | 8.06 | 2.75 |
| 26°C                | 1.74                 | 12.43 | 7.15 | 2.11 | 11.93 | 5.66 | 2.12 | 10.40 | 4.91 | 2.29 | 9.58 | 4.19 | 2.50 | 9.01 | 3.60 | 2.71 | 8.51 | 3.14 | 2.92 | 8.04 | 2.75 |
| 25°C                | 1.73                 | 12.41 | 7.16 | 2.10 | 11.91 | 5.67 | 2.11 | 10.38 | 4.92 | 2.28 | 9.56 | 4.19 | 2.49 | 8.99 | 3.61 | 2.70 | 8.49 | 3.14 | 2.91 | 8.02 | 2.75 |
| 24°C                | 1.73                 | 12.38 | 7.17 | 2.09 | 11.89 | 5.68 | 2.10 | 10.36 | 4.93 | 2.27 | 9.54 | 4.20 | 2.48 | 8.97 | 3.61 | 2.69 | 8.47 | 3.14 | 2.91 | 8.00 | 2.75 |
| 23°C                | 1.72                 | 12.36 | 7.19 | 2.08 | 11.86 | 5.69 | 2.09 | 10.34 | 4.94 | 2.26 | 9.52 | 4.21 | 2.47 | 8.95 | 3.62 | 2.69 | 8.45 | 3.14 | 2.90 | 7.98 | 2.75 |
| 22°C                | 1.71                 | 12.33 | 7.20 | 2.08 | 11.84 | 5.70 | 2.08 | 10.32 | 4.95 | 2.25 | 9.50 | 4.21 | 2.47 | 8.93 | 3.62 | 2.68 | 8.43 | 3.15 | 2.89 | 7.96 | 2.76 |
| 21°C                | 1.71                 | 12.31 | 7.22 | 2.07 | 11.82 | 5.71 | 2.08 | 10.30 | 4.96 | 2.25 | 9.48 | 4.22 | 2.46 | 8.91 | 3.62 | 2.67 | 8.41 | 3.15 | 2.88 | 7.94 | 2.76 |
| 20°C                | 1.70                 | 12.28 | 7.23 | 2.06 | 11.79 | 5.72 | 2.07 | 10.28 | 4.97 | 2.24 | 9.46 | 4.23 | 2.45 | 8.89 | 3.63 | 2.66 | 8.39 | 3.15 | 2.87 | 7.92 | 2.76 |
| 19°C                | 1.70                 | 12.26 | 7.21 | 2.06 | 11.77 | 5.71 | 2.07 | 10.26 | 4.96 | 2.24 | 9.44 | 4.21 | 2.45 | 8.87 | 3.62 | 2.66 | 8.37 | 3.14 | 2.87 | 7.90 | 2.75 |
| 18°C                | 1.70                 | 12.23 | 7.20 | 2.06 | 11.74 | 5.69 | 2.07 | 10.24 | 4.94 | 2.24 | 9.42 | 4.20 | 2.45 | 8.85 | 3.61 | 2.66 | 8.35 | 3.13 | 2.88 | 7.88 | 2.74 |
| 17°C                | 1.70                 | 12.21 | 7.18 | 2.06 | 11.72 | 5.68 | 2.07 | 10.22 | 4.93 | 2.24 | 9.40 | 4.19 | 2.45 | 8.83 | 3.60 | 2.67 | 8.33 | 3.12 | 2.88 | 7.86 | 2.73 |
| 16°C                | 1.70                 | 12.19 | 7.16 | 2.07 | 11.70 | 5.66 | 2.07 | 10.20 | 4.92 | 2.24 | 9.38 | 4.18 | 2.46 | 8.81 | 3.59 | 2.67 | 8.31 | 3.11 | 2.88 | 7.84 | 2.72 |
| 15°C                | 1.70                 | 12.16 | 7.15 | 2.07 | 11.67 | 5.65 | 2.08 | 10.18 | 4.90 | 2.25 | 9.36 | 4.17 | 2.46 | 8.79 | 3.58 | 2.67 | 8.29 | 3.11 | 2.88 | 7.82 | 2.72 |
| 14°C                | 1.70                 | 12.14 | 7.13 | 2.07 | 11.65 | 5.63 | 2.08 | 10.16 | 4.89 | 2.25 | 9.34 | 4.15 | 2.46 | 8.77 | 3.57 | 2.67 | 8.27 | 3.10 | 2.88 | 7.80 | 2.71 |
| 13°C                | 1.70                 | 12.11 | 7.11 | 2.07 | 11.63 | 5.62 | 2.08 | 10.14 | 4.88 | 2.25 | 9.32 | 4.14 | 2.46 | 8.75 | 3.56 | 2.67 | 8.25 | 3.09 | 2.88 | 7.78 | 2.70 |
| 12°C                | 1.70                 | 12.09 | 7.09 | 2.07 | 11.61 | 5.60 | 2.08 | 10.12 | 4.86 | 2.25 | 9.30 | 4.13 | 2.46 | 8.73 | 3.55 | 2.67 | 8.23 | 3.08 | 2.89 | 7.76 | 2.69 |
| 11°C                | 1.79                 | 11.73 | 6.54 | 2.13 | 11.21 | 5.26 | 2.19 | 9.92  | 4.54 | 2.36 | 9.11 | 3.86 | 2.57 | 8.54 | 3.32 | 2.78 | 8.04 | 2.89 | 2.99 | 7.57 | 2.53 |
| 10°C                | 1.87                 | 11.36 | 6.08 | 2.17 | 10.80 | 4.97 | 2.28 | 9.72  | 4.26 | 2.45 | 8.90 | 3.63 | 2.66 | 8.33 | 3.13 | 2.87 | 7.83 | 2.73 | 3.08 | 7.36 | 2.39 |
| 9°C                 | 1.96                 | 11.00 | 5.62 | 2.23 | 10.41 | 4.67 | 2.38 | 9.52  | 3.99 | 2.56 | 8.71 | 3.41 | 2.77 | 8.14 | 2.94 | 2.98 | 7.64 | 2.56 | 3.19 | 7.30 | 2.29 |
| 8°C                 | 2.03                 | 10.63 | 5.23 | 2.27 | 10.00 | 4.40 | 2.48 | 9.31  | 3.76 | 2.65 | 8.50 | 3.21 | 2.86 | 8.02 | 2.80 | 3.07 | 7.70 | 2.51 | 3.28 | 7.39 | 2.25 |
| 7°C                 | 2.16                 | 10.31 | 4.77 | 2.38 | 9.66  | 4.07 | 2.59 | 9.00  | 3.48 | 2.80 | 8.48 | 3.03 | 3.01 | 8.17 | 2.71 | 3.22 | 7.85 | 2.44 | 3.43 | 7.54 | 2.20 |
| 6°C                 | 2.79                 | 9.90  | 3.55 | 2.88 | 9.44  | 3.27 | 3.13 | 8.98  | 2.87 | 3.38 | 8.63 | 2.55 | 3.63 | 8.42 | 2.32 | 3.88 | 8.22 | 2.12 | 4.12 | 8.01 | 1.94 |
| 5°C                 | 3.30                 | 9.53  | 2.89 | 3.31 | 9.24  | 2.79 | 3.58 | 8.95  | 2.50 | 3.86 | 8.73 | 2.26 | 4.13 | 8.62 | 2.08 | 4.41 | 8.50 | 1.93 | 4.69 | 8.39 | 1.79 |
| 4°C                 | 3.73                 | 9.24  | 2.47 | 3.67 | 9.08  | 2.47 | 3.97 | 8.93  | 2.25 | 4.27 | 8.83 | 2.07 | 4.56 | 8.79 | 1.93 | 4.86 | 8.75 | 1.80 | 5.15 | 8.71 | 1.69 |
| 3°C                 | 4.08                 | 9.02  | 2.21 | 3.98 | 8.97  | 2.25 | 4.29 | 8.93  | 2.08 | 4.60 | 8.91 | 1.94 | 4.91 | 8.93 | 1.82 | 5.21 | 8.94 | 1.72 | 5.52 | 8.96 | 1.62 |
| 2°C                 | 4.53                 | 8.72  | 1.93 | 4.42 | 8.82  | 2.00 | 4.73 | 8.91  | 1.88 | 5.04 | 9.00 | 1.79 | 5.35 | 9.10 | 1.70 | 5.66 | 9.19 | 1.62 | 5.98 | 9.28 | 1.55 |
| 1°C                 | 4.53                 | 8.75  | 1.93 | 4.42 | 8.82  | 1.99 | 4.73 | 8.89  | 1.88 | 5.04 | 8.96 | 1.78 | 5.35 | 9.04 | 1.69 | 5.67 | 9.11 | 1.61 | 5.97 | 9.17 | 1.54 |
| 0°C                 | 4.54                 | 8.77  | 1.93 | 4.44 | 8.83  | 1.99 | 4.75 | 8.86  | 1.87 | 5.06 | 8.92 | 1.76 | 5.36 | 8.98 | 1.67 | 5.67 | 9.04 | 1.59 | 5.97 | 9.06 | 1.52 |
| -1°C                | 4.56                 | 8.80  | 1.93 | 4.48 | 8.83  | 1.97 | 4.77 | 8.84  | 1.85 | 5.07 | 8.88 | 1.75 | 5.38 | 8.92 | 1.66 | 5.68 | 8.97 | 1.58 | 5.96 | 8.95 | 1.50 |
| -2°C                | 4.58                 | 8.82  | 1.93 | 4.53 | 8.84  | 1.95 | 4.81 | 8.82  | 1.83 | 5.10 | 8.84 | 1.73 | 5.40 | 8.87 | 1.64 | 5.69 | 8.89 | 1.56 | 5.94 | 8.84 | 1.49 |
| -3°C                | 4.61                 | 8.85  | 1.92 | 4.59 | 8.84  | 1.93 | 4.85 | 8.79  | 1.81 | 5.14 | 8.80 | 1.71 | 5.42 | 8.81 | 1.63 | 5.70 | 8.82 | 1.55 | 5.92 | 8.74 | 1.48 |
| -4°C                | 4.64                 | 8.87  | 1.91 | 4.67 | 8.85  | 1.90 | 4.91 | 8.77  | 1.79 | 5.18 | 8.76 | 1.69 | 5.45 | 8.75 | 1.61 | 5.72 | 8.74 | 1.53 | 5.89 | 8.63 | 1.46 |
| -5°C                | 4.68                 | 8.90  | 1.90 | 4.76 | 8.86  | 1.86 | 4.97 | 8.75  | 1.76 | 5.23 | 8.72 | 1.67 | 5.48 | 8.70 | 1.59 | 5.74 | 8.67 | 1.51 | 5.86 | 8.52 | 1.45 |
| -6°C                | 4.73                 | 8.92  | 1.89 | 4.87 | 8.86  | 1.82 | 5.04 | 8.72  | 1.73 | 5.28 | 8.68 | 1.64 | 5.52 | 8.64 | 1.56 | 5.76 | 8.60 | 1.49 | 5.83 | 8.41 | 1.44 |
| -7°C                | 4.78                 | 8.95  | 1.87 | 4.99 | 8.87  | 1.78 | 5.13 | 8.70  | 1.70 | 5.35 | 8.64 | 1.62 | 5.57 | 8.58 | 1.54 | 5.79 | 8.52 | 1.47 | 5.79 | 8.30 | 1.43 |
| -8°C                | 4.89                 | 8.91  | 1.82 | 5.07 | 8.82  | 1.74 | 5.21 | 8.67  | 1.66 | 5.41 | 8.58 | 1.59 | 5.60 | 8.49 | 1.51 | 5.80 | 8.40 | 1.45 | 5.85 | 8.20 | 1.40 |
| -9°C                | 4.99                 | 8.87  | 1.78 | 5.15 | 8.76  | 1.70 | 5.30 | 8.63  | 1.63 | 5.47 | 8.51 | 1.56 | 5.64 | 8.39 | 1.49 | 5.81 | 8.27 | 1.42 | 5.90 | 8.10 | 1.37 |
| -10°C               | 5.10                 | 8.83  | 1.73 | 5.24 | 8.71  | 1.66 | 5.38 | 8.60  | 1.60 | 5.53 | 8.45 | 1.53 | 5.67 | 8.30 | 1.46 | 5.81 | 8.15 | 1.40 | 5.96 | 8.00 | 1.34 |
| -11°C               | 5.08                 | 8.71  | 1.71 | 5.23 | 8.60  | 1.64 | 5.37 | 8.49  | 1.58 | 5.51 | 8.34 | 1.51 | 5.64 | 8.19 | 1.45 | 5.78 | 8.05 | 1.39 | 3.00 | 3.00 | 1.00 |
| -12°C               | 5.07                 | 8.60  | 1.69 | 5.22 | 8.49  | 1.63 | 5.36 | 8.38  | 1.56 | 5.49 | 8.23 | 1.50 | 5.61 | 8.09 | 1.44 | 5.74 | 7.95 | 1.38 | 3.00 | 3.00 | 1.00 |
| -13°C               | 5.06                 | 8.49  | 1.68 | 5.21 | 8.38  | 1.61 | 5.35 | 8.27  | 1.55 | 5.47 | 8.13 | 1.49 | 5.59 | 7.99 | 1.43 | 5.71 | 7.85 | 1.37 | 3.00 | 3.00 | 1.00 |
| -14°C               | 5.05                 | 8.38  | 1.66 | 5.19 | 8.27  | 1.59 | 5.34 | 8.17  | 1.53 | 5.45 | 8.03 | 1.47 | 5.56 | 7.89 | 1.42 | 5.67 | 7.75 | 1.37 | 3.00 | 3.00 | 1.00 |
| -15°C               | 5.04                 | 8.27  | 1.64 | 5.18 | 8.17  | 1.58 | 5.32 | 8.06  | 1.51 | 5.43 | 7.93 | 1.46 | 5.54 | 7.79 | 1.41 | 3.00 | 3.00 | 1.00 | 3.00 | 3.00 | 1.00 |
| -16°C               | 4.94                 | 8.13  | 1.65 | 5.07 | 8.04  | 1.59 | 5.21 | 7.95  | 1.53 | 5.33 | 7.83 | 1.47 | 5.46 | 7.70 | 1.41 | 3.00 | 3.00 | 1.00 | 3.00 | 3.00 | 1.00 |
| -17°C               | 4.84                 | 7.99  | 1.65 | 4.97 | 7.91  | 1.59 | 5.10 | 7.84  | 1.54 | 5.24 | 7.72 | 1.47 | 5.38 | 7.61 | 1.41 | 3.00 | 3.00 | 1.00 | 3.00 | 3.00 | 1.00 |
| -18°C               | 4.75                 | 7.83  | 1.65 | 4.87 | 7.77  | 1.60 | 4.99 | 7.71  | 1.54 | 5.15 | 7.61 | 1.48 | 5.31 | 7.50 | 1.41 | 3.00 | 3.00 | 1.00 | 3.00 | 3.00 | 1.00 |
| -19°C               | 4.66                 | 7.67  | 1.64 | 4.78 | 7.62  | 1.60 | 4.89 | 7.57  | 1.55 | 5.07 | 7.48 | 1.48 | 3.00 | 3.00 | 1.00 | 3.00 | 3.00 | 1.00 | 3.00 | 3.00 | 1.00 |
| -20°C               | 4.58                 | 7.50  | 1.64 | 4.69 | 7.47  | 1.59 | 4.80 | 7.42  | 1.55 | 4.99 | 7.34 | 1.47 | 3.00 | 3.00 | 1.00 | 3.00 | 3.00 | 1.00 | 3.00 | 3.00 | 1.00 |

HC : Heating capacity (kW)  
 IP : Input power (kW)  
 COP : Coefficient of performance

## ▼ Alféa Extensa A.I. 10 R32

Test conditions comply with EN 14825 with electrical backup

|       | Starting temperature |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |
|-------|----------------------|-------|------|------|-------|------|------|-------|------|------|-------|------|------|-------|------|------|-------|------|------|-------|------|
|       | 25°C                 |       |      | 30°C |       |      | 35°C |       |      | 40°C |       |      | 45°C |       |      | 50°C |       |      | 55°C |       |      |
|       | IP                   | HC    | COP  | IP   | HC    | COP  | IP   | HC    | COP  | IP   | HC    | COP  | IP   | HC    | COP  | IP   | HC    | COP  | IP   | HC    | COP  |
| 35°C  | 1.27                 | 10.72 | 8.42 | 1.47 | 10.58 | 7.21 | 1.69 | 10.28 | 6.09 | 1.98 | 10.12 | 5.12 | 2.28 | 10.00 | 4.38 | 2.59 | 9.87  | 3.81 | 2.89 | 9.75  | 3.37 |
| 34°C  | 1.27                 | 10.70 | 8.43 | 1.46 | 10.56 | 7.22 | 1.68 | 10.26 | 6.10 | 1.97 | 10.10 | 5.13 | 2.28 | 9.98  | 4.38 | 2.58 | 9.85  | 3.82 | 2.89 | 9.73  | 3.37 |
| 33°C  | 1.26                 | 10.68 | 8.45 | 1.46 | 10.54 | 7.24 | 1.68 | 10.24 | 6.11 | 1.96 | 10.08 | 5.13 | 2.27 | 9.96  | 4.39 | 2.57 | 9.83  | 3.82 | 2.88 | 9.71  | 3.37 |
| 32°C  | 1.26                 | 10.66 | 8.47 | 1.45 | 10.52 | 7.25 | 1.67 | 10.22 | 6.12 | 1.96 | 10.06 | 5.14 | 2.26 | 9.94  | 4.39 | 2.57 | 9.81  | 3.82 | 2.87 | 9.69  | 3.37 |
| 31°C  | 1.25                 | 10.63 | 8.48 | 1.45 | 10.50 | 7.26 | 1.66 | 10.20 | 6.14 | 1.95 | 10.04 | 5.15 | 2.26 | 9.92  | 4.40 | 2.56 | 9.79  | 3.82 | 2.87 | 9.67  | 3.37 |
| 30°C  | 1.25                 | 10.61 | 8.50 | 1.44 | 10.48 | 7.28 | 1.66 | 10.18 | 6.15 | 1.94 | 10.02 | 5.16 | 2.25 | 9.90  | 4.40 | 2.55 | 9.77  | 3.83 | 2.86 | 9.65  | 3.37 |
| 29°C  | 1.24                 | 10.59 | 8.52 | 1.43 | 10.46 | 7.29 | 1.65 | 10.16 | 6.16 | 1.94 | 10.00 | 5.16 | 2.24 | 9.88  | 4.40 | 2.55 | 9.75  | 3.83 | 2.85 | 9.63  | 3.37 |
| 28°C  | 1.24                 | 10.57 | 8.53 | 1.43 | 10.44 | 7.31 | 1.64 | 10.14 | 6.17 | 1.93 | 9.98  | 5.17 | 2.24 | 9.86  | 4.41 | 2.54 | 9.73  | 3.83 | 2.85 | 9.61  | 3.37 |
| 27°C  | 1.23                 | 10.55 | 8.55 | 1.42 | 10.41 | 7.32 | 1.64 | 10.12 | 6.19 | 1.92 | 9.96  | 5.18 | 2.23 | 9.84  | 4.41 | 2.53 | 9.71  | 3.83 | 2.84 | 9.59  | 3.38 |
| 26°C  | 1.23                 | 10.53 | 8.57 | 1.42 | 10.39 | 7.34 | 1.63 | 10.10 | 6.20 | 1.92 | 9.94  | 5.19 | 2.22 | 9.82  | 4.42 | 2.53 | 9.69  | 3.83 | 2.83 | 9.57  | 3.38 |
| 25°C  | 1.22                 | 10.51 | 8.59 | 1.41 | 10.37 | 7.35 | 1.62 | 10.08 | 6.21 | 1.91 | 9.92  | 5.19 | 2.22 | 9.79  | 4.42 | 2.52 | 9.67  | 3.84 | 2.83 | 9.55  | 3.38 |
| 24°C  | 1.22                 | 10.49 | 8.60 | 1.41 | 10.35 | 7.37 | 1.62 | 10.06 | 6.22 | 1.90 | 9.90  | 5.20 | 2.21 | 9.77  | 4.43 | 2.51 | 9.65  | 3.84 | 2.82 | 9.53  | 3.38 |
| 23°C  | 1.21                 | 10.47 | 8.62 | 1.40 | 10.33 | 7.38 | 1.61 | 10.04 | 6.24 | 1.90 | 9.88  | 5.21 | 2.20 | 9.76  | 4.43 | 2.51 | 9.63  | 3.84 | 2.81 | 9.51  | 3.38 |
| 22°C  | 1.21                 | 10.44 | 8.64 | 1.39 | 10.31 | 7.40 | 1.60 | 10.02 | 6.25 | 1.89 | 9.86  | 5.22 | 2.20 | 9.74  | 4.43 | 2.50 | 9.61  | 3.84 | 2.81 | 9.49  | 3.38 |
| 21°C  | 1.20                 | 10.42 | 8.65 | 1.39 | 10.29 | 7.41 | 1.60 | 10.00 | 6.26 | 1.88 | 9.84  | 5.23 | 2.19 | 9.72  | 4.44 | 2.49 | 9.59  | 3.84 | 2.80 | 9.47  | 3.38 |
| 20°C  | 1.20                 | 10.40 | 8.67 | 1.38 | 10.27 | 7.43 | 1.59 | 9.98  | 6.27 | 1.88 | 9.82  | 5.23 | 2.18 | 9.70  | 4.44 | 2.49 | 9.57  | 3.85 | 2.79 | 9.45  | 3.38 |
| 19°C  | 1.23                 | 10.38 | 8.46 | 1.42 | 10.25 | 7.19 | 1.63 | 9.96  | 6.10 | 1.92 | 9.80  | 5.11 | 2.22 | 9.68  | 4.35 | 2.53 | 9.55  | 3.78 | 2.83 | 9.43  | 3.32 |
| 18°C  | 1.26                 | 10.36 | 8.25 | 1.47 | 10.23 | 6.98 | 1.67 | 9.94  | 5.94 | 1.96 | 9.78  | 4.99 | 2.27 | 9.66  | 4.26 | 2.57 | 9.53  | 3.71 | 2.88 | 9.41  | 3.27 |
| 17°C  | 1.28                 | 10.34 | 8.05 | 1.51 | 10.21 | 6.77 | 1.72 | 9.92  | 5.78 | 2.00 | 9.76  | 4.88 | 2.31 | 9.64  | 4.18 | 2.61 | 9.51  | 3.64 | 2.92 | 9.39  | 3.22 |
| 16°C  | 1.31                 | 10.32 | 7.86 | 1.55 | 10.19 | 6.58 | 1.76 | 9.90  | 5.63 | 2.04 | 9.74  | 4.77 | 2.35 | 9.62  | 4.09 | 2.65 | 9.49  | 3.58 | 2.96 | 9.37  | 3.16 |
| 15°C  | 1.34                 | 10.30 | 7.68 | 1.59 | 10.17 | 6.39 | 1.80 | 9.88  | 5.49 | 2.08 | 9.72  | 4.66 | 2.39 | 9.60  | 4.02 | 2.70 | 9.47  | 3.51 | 3.00 | 9.35  | 3.11 |
| 14°C  | 1.37                 | 10.28 | 7.51 | 1.63 | 10.15 | 6.22 | 1.84 | 9.86  | 5.36 | 2.13 | 9.70  | 4.56 | 2.43 | 9.58  | 3.94 | 2.74 | 9.45  | 3.45 | 3.04 | 9.33  | 3.07 |
| 13°C  | 1.40                 | 10.26 | 7.34 | 1.67 | 10.13 | 6.05 | 1.88 | 9.84  | 5.23 | 2.17 | 9.68  | 4.47 | 2.47 | 9.56  | 3.86 | 2.78 | 9.43  | 3.39 | 3.08 | 9.31  | 3.02 |
| 12°C  | 1.43                 | 10.24 | 7.18 | 1.72 | 10.11 | 5.89 | 1.92 | 9.82  | 5.11 | 2.21 | 9.66  | 4.37 | 2.51 | 9.54  | 3.79 | 2.82 | 9.41  | 3.34 | 3.13 | 9.29  | 2.97 |
| 11°C  | 1.55                 | 10.25 | 6.63 | 1.84 | 10.12 | 5.50 | 2.07 | 9.87  | 4.77 | 2.36 | 9.71  | 4.12 | 2.66 | 9.59  | 3.60 | 2.97 | 9.46  | 3.19 | 3.27 | 9.34  | 2.85 |
| 10°C  | 1.65                 | 10.24 | 6.21 | 1.95 | 10.11 | 5.19 | 2.20 | 9.90  | 4.50 | 2.49 | 9.74  | 3.92 | 2.79 | 9.62  | 3.44 | 3.10 | 9.49  | 3.06 | 3.40 | 9.37  | 2.75 |
| 9°C   | 1.77                 | 10.25 | 5.79 | 2.07 | 10.12 | 4.89 | 2.35 | 9.95  | 4.24 | 2.63 | 9.79  | 3.72 | 2.94 | 9.67  | 3.29 | 3.24 | 9.54  | 2.94 | 3.55 | 9.42  | 2.65 |
| 8°C   | 1.88                 | 10.24 | 5.46 | 2.18 | 10.11 | 4.64 | 2.48 | 9.98  | 4.03 | 2.77 | 9.82  | 3.55 | 3.07 | 9.70  | 3.16 | 3.38 | 9.57  | 2.84 | 3.68 | 9.45  | 2.57 |
| 7°C   | 2.04                 | 10.29 | 5.04 | 2.35 | 10.17 | 4.33 | 2.65 | 10.04 | 3.79 | 2.96 | 9.92  | 3.35 | 3.26 | 9.79  | 3.00 | 3.57 | 9.67  | 2.71 | 3.87 | 9.54  | 2.46 |
| 6°C   | 2.88                 | 10.36 | 3.60 | 3.04 | 10.28 | 3.38 | 3.36 | 10.19 | 3.04 | 3.67 | 10.11 | 2.75 | 3.99 | 10.03 | 2.51 | 4.30 | 9.95  | 2.31 | 4.62 | 9.86  | 2.13 |
| 5°C   | 3.56                 | 10.40 | 2.92 | 3.60 | 10.35 | 2.87 | 3.93 | 10.31 | 2.62 | 4.25 | 10.26 | 2.41 | 4.58 | 10.21 | 2.23 | 4.90 | 10.17 | 2.07 | 5.23 | 10.12 | 1.94 |
| 4°C   | 4.11                 | 10.44 | 2.54 | 4.07 | 10.42 | 2.56 | 4.40 | 10.40 | 2.36 | 4.74 | 10.39 | 2.19 | 5.07 | 10.37 | 2.05 | 5.40 | 10.35 | 1.92 | 5.73 | 10.34 | 1.80 |
| 3°C   | 4.53                 | 10.48 | 2.31 | 4.44 | 10.48 | 2.36 | 4.78 | 10.49 | 2.20 | 5.11 | 10.50 | 2.05 | 5.45 | 10.50 | 1.93 | 5.78 | 10.51 | 1.82 | 6.12 | 10.52 | 1.72 |
| 2°C   | 5.00                 | 10.52 | 2.10 | 4.90 | 10.55 | 2.15 | 5.23 | 10.59 | 2.02 | 5.57 | 10.63 | 1.91 | 5.91 | 10.66 | 1.81 | 6.24 | 10.70 | 1.71 | 6.58 | 10.73 | 1.63 |
| 1°C   | 5.01                 | 10.74 | 2.14 | 4.91 | 10.75 | 2.19 | 5.25 | 10.74 | 2.05 | 5.58 | 10.75 | 1.93 | 5.92 | 10.77 | 1.82 | 6.25 | 10.78 | 1.72 | 6.58 | 10.76 | 1.63 |
| 0°C   | 5.05                 | 10.95 | 2.17 | 4.96 | 10.94 | 2.20 | 5.29 | 10.88 | 2.06 | 5.62 | 10.88 | 1.94 | 5.95 | 10.87 | 1.83 | 6.28 | 10.87 | 1.73 | 6.60 | 10.79 | 1.63 |
| -1°C  | 5.11                 | 11.17 | 2.19 | 5.04 | 11.13 | 2.21 | 5.36 | 11.03 | 2.06 | 5.68 | 11.00 | 1.94 | 6.00 | 10.98 | 1.83 | 6.33 | 10.95 | 1.73 | 6.64 | 10.82 | 1.63 |
| -2°C  | 5.19                 | 11.39 | 2.19 | 5.15 | 11.32 | 2.20 | 5.46 | 11.17 | 2.05 | 5.77 | 11.13 | 1.93 | 6.08 | 11.08 | 1.82 | 6.39 | 11.04 | 1.73 | 6.68 | 10.85 | 1.62 |
| -3°C  | 5.30                 | 11.60 | 2.19 | 5.30 | 11.51 | 2.17 | 5.58 | 11.32 | 2.03 | 5.88 | 11.25 | 1.91 | 6.18 | 11.19 | 1.81 | 6.48 | 11.12 | 1.72 | 6.74 | 10.88 | 1.61 |
| -4°C  | 5.44                 | 11.82 | 2.17 | 5.47 | 11.70 | 2.14 | 5.73 | 11.46 | 2.00 | 6.02 | 11.38 | 1.89 | 6.30 | 11.29 | 1.79 | 6.59 | 11.21 | 1.70 | 6.81 | 10.91 | 1.60 |
| -5°C  | 5.60                 | 12.04 | 2.15 | 5.68 | 11.89 | 2.09 | 5.91 | 11.61 | 1.96 | 6.18 | 11.50 | 1.86 | 6.44 | 11.40 | 1.77 | 6.71 | 11.29 | 1.68 | 6.90 | 10.94 | 1.59 |
| -6°C  | 5.78                 | 12.26 | 2.12 | 5.92 | 12.08 | 2.04 | 6.12 | 11.75 | 1.92 | 6.37 | 11.63 | 1.83 | 6.61 | 11.50 | 1.74 | 6.85 | 11.38 | 1.66 | 6.99 | 10.97 | 1.57 |
| -7°C  | 5.99                 | 12.47 | 2.08 | 6.19 | 12.27 | 1.98 | 6.36 | 11.90 | 1.87 | 6.58 | 11.75 | 1.79 | 6.80 | 11.61 | 1.71 | 7.02 | 11.46 | 1.63 | 7.10 | 11.00 | 1.55 |
| -8°C  | 5.99                 | 12.31 | 2.06 | 6.19 | 12.05 | 1.95 | 6.35 | 11.67 | 1.84 | 6.56 | 11.48 | 1.75 | 6.76 | 11.29 | 1.67 | 6.97 | 11.10 | 1.59 | 7.09 | 10.70 | 1.51 |
| -9°C  | 5.99                 | 12.14 | 2.03 | 6.18 | 11.82 | 1.91 | 6.35 | 11.43 | 1.80 | 6.54 | 11.20 | 1.71 | 6.73 | 10.97 | 1.63 | 6.92 | 10.74 | 1.55 | 7.07 | 10.40 | 1.47 |
| -10°C | 5.99                 | 11.97 | 2.00 | 6.17 | 11.59 | 1.88 | 6.35 | 11.20 | 1.76 | 6.52 | 10.93 | 1.67 | 6.70 | 10.65 | 1.59 | 6.88 | 10.38 | 1.51 | 7.06 | 10.10 | 1.43 |
| -11°C | 5.98                 | 11.79 | 1.97 | 6.15 | 11.41 | 1.86 | 6.33 | 11.04 | 1.74 | 6.50 | 10.77 | 1.66 | 6.66 | 10.50 | 1.58 | 6.83 | 10.23 | 1.50 | 7.00 | 9.90  | 1.40 |
| -12°C | 5.96                 | 11.62 | 1.95 | 6.14 | 11.25 | 1.83 | 6.31 | 10.88 | 1.72 | 6.47 | 10.61 | 1.64 | 6.62 | 10.35 | 1.56 | 6.78 | 10.08 | 1.49 | 7.00 | 9.70  | 1.37 |
| -13°C | 5.95                 | 11.45 | 1.92 | 6.12 | 11.08 | 1.81 | 6.30 | 10.72 | 1.70 | 6.44 | 10.46 | 1.62 | 6.59 | 10.20 | 1.55 | 6.73 | 9.94  | 1.48 | 7.00 | 9.50  | 1.34 |
| -14°C | 5.93                 | 11.28 | 1.90 | 6.11 | 10.92 | 1.79 | 6.28 | 10.56 | 1.68 | 6.42 | 10.31 | 1.61 | 6.55 | 10.06 | 1.53 | 6.69 | 9.80  | 1.47 | 7.00 | 9.30  | 1.31 |
| -15°C | 5.92                 | 11.11 | 1.88 | 6.09 | 10.76 | 1.77 | 6.26 | 10.41 | 1.66 | 6.39 | 10.16 | 1.59 | 6.52 | 9.91  | 1.52 | 6.66 | 9.60  | 1.46 | 7.00 | 9.10  | 1.28 |
| -16°C | 5.77                 | 10.90 | 1.89 | 5.94 | 10.58 | 1.78 | 6.10 | 10.26 | 1.68 | 6.25 | 10.02 | 1.60 | 6.41 | 9.79  | 1.53 | 6.66 | 9.40  | 1.45 | 7.00 | 8.90  | 1.25 |
| -17°C | 5.63                 | 10.68 | 1.90 | 5.79 | 10.38 | 1.79 | 5.95 | 10.08 | 1.70 | 6.13 | 9.87  | 1.61 | 6.30 | 9.65  | 1.53 | 6.73 | 9.20  | 1.44 | 7.00 | 8.70  | 1.22 |
| -18°C | 5.50                 | 10.44 | 1.90 | 5.65 | 10.17 | 1.80 | 5.80 | 9.89  | 1.71 | 6.00 | 9.70  | 1.62 | 6.21 | 9.49  | 1.53 | 6.80 | 9.00  | 1.43 | 7.00 | 8.50  | 1.19 |
| -19°C | 5.38                 | 10.19 | 1.90 | 5.52 | 9.95  | 1.80 | 5.66 | 9.69  | 1.71 | 5.88 | 9.51  | 1.62 | 6.00 | 9.30  | 1.53 | 6.87 | 8.80  | 1.42 | 7.00 | 8.30  | 1.16 |
| -20°C | 5.26                 | 9.93  | 1.89 | 5.39 | 9.71  | 1.80 | 5.53 | 9.48  | 1.71 | 5.77 | 9.31  | 1.61 | 6.00 | 9.10  | 1.53 | 6.94 | 8.60  | 1.41 | 7.00 | 8.10  | 1.13 |

HC : Heating capacity (kW)  
 IP : Input power (kW)  
 COP : Coefficient of performance



► Nominal performances tables in cooling mode

▼ Alféa Extensa A.I. 5 R32

|                     |      | Starting temperature |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|---------------------|------|----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                     |      | 7°C                  |      |      | 10°C |      |      | 13°C |      |      | 15°C |      |      | 18°C |      |      | 22C  |      |      |
|                     |      | CC                   | IP   | EER  | CC   | IP   | EER  | CC   | IP   | EER  | CC   | IP   | EER  | CC   | IP   | EER  | CC   | IP   | EER  |
| Outdoor temperature | 20°C | 5.30                 | 1.50 | 3.53 | 5.93 | 1.55 | 3.83 | 6.58 | 1.60 | 4.11 | 7.02 | 1.63 | 4.31 | 7.71 | 1.67 | 4.62 | 8.65 | 1.73 | 5.00 |
|                     | 21°C | 5.25                 | 1.53 | 3.44 | 5.87 | 1.57 | 3.74 | 6.51 | 1.62 | 4.02 | 6.95 | 1.65 | 4.22 | 7.63 | 1.69 | 4.53 | 8.55 | 1.74 | 4.91 |
|                     | 22°C | 5.20                 | 1.55 | 3.36 | 5.82 | 1.59 | 3.66 | 6.45 | 1.64 | 3.94 | 6.88 | 1.67 | 4.13 | 7.55 | 1.70 | 4.44 | 8.46 | 1.75 | 4.82 |
|                     | 23°C | 5.16                 | 1.58 | 3.27 | 5.76 | 1.62 | 3.57 | 6.38 | 1.66 | 3.85 | 6.80 | 1.68 | 4.05 | 7.46 | 1.72 | 4.35 | 8.36 | 1.77 | 4.74 |
|                     | 24°C | 5.11                 | 1.60 | 3.19 | 5.71 | 1.64 | 3.49 | 6.32 | 1.68 | 3.77 | 6.73 | 1.70 | 3.96 | 7.38 | 1.73 | 4.26 | 8.27 | 1.78 | 4.65 |
|                     | 25°C | 5.06                 | 1.63 | 3.10 | 5.65 | 1.66 | 3.40 | 6.25 | 1.70 | 3.68 | 6.66 | 1.72 | 3.87 | 7.30 | 1.75 | 4.17 | 8.17 | 1.79 | 4.56 |
|                     | 26°C | 5.01                 | 1.66 | 3.03 | 5.59 | 1.68 | 3.33 | 6.18 | 1.72 | 3.60 | 6.59 | 1.74 | 3.79 | 7.22 | 1.77 | 4.09 | 8.07 | 1.80 | 4.48 |
|                     | 27°C | 4.96                 | 1.68 | 2.96 | 5.54 | 1.70 | 3.25 | 6.12 | 1.74 | 3.52 | 6.52 | 1.76 | 3.71 | 7.14 | 1.78 | 4.01 | 7.98 | 1.81 | 4.40 |
|                     | 28°C | 4.92                 | 1.71 | 2.88 | 5.48 | 1.73 | 3.18 | 6.05 | 1.76 | 3.45 | 6.44 | 1.77 | 3.64 | 7.05 | 1.80 | 3.93 | 7.88 | 1.83 | 4.32 |
|                     | 29°C | 4.87                 | 1.73 | 2.81 | 5.43 | 1.75 | 3.10 | 5.99 | 1.78 | 3.37 | 6.37 | 1.79 | 3.56 | 6.97 | 1.81 | 3.85 | 7.79 | 1.84 | 4.24 |
|                     | 30°C | 4.82                 | 1.76 | 2.74 | 5.37 | 1.77 | 3.03 | 5.92 | 1.80 | 3.29 | 6.30 | 1.81 | 3.48 | 6.89 | 1.83 | 3.77 | 7.69 | 1.85 | 4.16 |
|                     | 31°C | 4.77                 | 1.79 | 2.68 | 5.31 | 1.79 | 2.96 | 5.85 | 1.82 | 3.22 | 6.23 | 1.83 | 3.41 | 6.81 | 1.85 | 3.69 | 7.59 | 1.86 | 4.08 |
|                     | 32°C | 4.73                 | 1.81 | 2.62 | 5.25 | 1.82 | 2.89 | 5.79 | 1.84 | 3.15 | 6.16 | 1.85 | 3.34 | 6.72 | 1.86 | 3.62 | 7.50 | 1.88 | 4.00 |
|                     | 33°C | 4.68                 | 1.84 | 2.55 | 5.20 | 1.84 | 2.83 | 5.72 | 1.86 | 3.08 | 6.08 | 1.86 | 3.27 | 6.64 | 1.88 | 3.54 | 7.40 | 1.89 | 3.92 |
|                     | 34°C | 4.64                 | 1.86 | 2.49 | 5.14 | 1.87 | 2.76 | 5.66 | 1.88 | 3.01 | 6.01 | 1.88 | 3.20 | 6.55 | 1.89 | 3.47 | 7.31 | 1.91 | 3.84 |
|                     | 35°C | 4.59                 | 1.89 | 2.43 | 5.08 | 1.89 | 2.69 | 5.59 | 1.90 | 2.94 | 5.94 | 1.90 | 3.13 | 6.47 | 1.91 | 3.39 | 7.21 | 1.92 | 3.76 |
|                     | 36°C | 4.29                 | 1.77 | 2.41 | 4.75 | 1.78 | 2.67 | 5.24 | 1.79 | 2.93 | 5.57 | 1.79 | 3.12 | 6.08 | 1.80 | 3.38 | 6.79 | 1.81 | 3.76 |
|                     | 37°C | 3.99                 | 1.66 | 2.40 | 4.43 | 1.66 | 2.66 | 4.89 | 1.68 | 2.91 | 5.21 | 1.68 | 3.11 | 5.69 | 1.69 | 3.38 | 6.38 | 1.70 | 3.75 |
|                     | 38°C | 3.68                 | 1.54 | 2.38 | 4.10 | 1.55 | 2.64 | 4.54 | 1.56 | 2.90 | 4.84 | 1.56 | 3.09 | 5.31 | 1.57 | 3.37 | 5.96 | 1.59 | 3.75 |
|                     | 39°C | 3.38                 | 1.43 | 2.37 | 3.78 | 1.43 | 2.63 | 4.19 | 1.45 | 2.88 | 4.48 | 1.45 | 3.08 | 4.92 | 1.46 | 3.37 | 5.55 | 1.48 | 3.74 |
|                     | 40°C | 3.08                 | 1.31 | 2.35 | 3.45 | 1.32 | 2.61 | 3.84 | 1.34 | 2.87 | 4.11 | 1.34 | 3.07 | 4.53 | 1.35 | 3.36 | 5.13 | 1.37 | 3.74 |
| 41°C                | 2.96 | 1.31                 | 2.26 | 3.32 | 1.32 | 2.52 | 3.70 | 1.33 | 2.78 | 3.97 | 1.33 | 2.98 | 4.38 | 1.34 | 3.26 | 4.97 | 1.37 | 3.64 |      |
| 42°C                | 2.85 | 1.31                 | 2.18 | 3.19 | 1.31 | 2.43 | 3.56 | 1.33 | 2.69 | 3.82 | 1.33 | 2.88 | 4.23 | 1.34 | 3.16 | 4.81 | 1.36 | 3.53 |      |
| 43°C                | 2.73 | 1.31                 | 2.09 | 3.07 | 1.31 | 2.35 | 3.43 | 1.32 | 2.60 | 3.68 | 1.32 | 2.79 | 4.08 | 1.33 | 3.06 | 4.65 | 1.36 | 3.43 |      |
| 44°C                | 2.61 | 1.30                 | 2.00 | 2.94 | 1.30 | 2.26 | 3.29 | 1.31 | 2.50 | 3.54 | 1.31 | 2.69 | 3.92 | 1.32 | 2.96 | 4.49 | 1.35 | 3.32 |      |
| 45°C                | 2.50 | 1.30                 | 1.92 | 2.81 | 1.30 | 2.17 | 3.15 | 1.31 | 2.41 | 3.39 | 1.31 | 2.60 | 3.77 | 1.32 | 2.86 | 4.33 | 1.35 | 3.22 |      |
| 46°C                | 2.38 | 1.30                 | 1.83 | 2.68 | 1.29 | 2.08 | 3.01 | 1.30 | 2.32 | 3.25 | 1.30 | 2.50 | 3.62 | 1.31 | 2.76 | 4.17 | 1.34 | 3.11 |      |

▼ Alféa Extensa A.I. 6 R32

|                     |      | Starting temperature |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|---------------------|------|----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                     |      | 7°C                  |      |      | 10°C |      |      | 13°C |      |      | 15°C |      |      | 18°C |      |      | 22C  |      |      |
|                     |      | CC                   | IP   | EER  | CC   | IP   | EER  | CC   | IP   | EER  | CC   | IP   | EER  | CC   | IP   | EER  | CC   | IP   | EER  |
| Outdoor temperature | 20°C | 6.35                 | 1.92 | 3.31 | 6.98 | 1.94 | 3.60 | 7.61 | 1.96 | 3.88 | 8.03 | 1.97 | 4.08 | 8.67 | 1.98 | 4.38 | 9.52 | 1.99 | 4.78 |
|                     | 21°C | 6.23                 | 1.92 | 3.25 | 6.85 | 1.94 | 3.54 | 7.48 | 1.96 | 3.82 | 7.89 | 1.97 | 4.02 | 8.52 | 1.98 | 4.31 | 9.37 | 1.99 | 4.71 |
|                     | 22°C | 6.11                 | 1.92 | 3.19 | 6.73 | 1.93 | 3.48 | 7.34 | 1.95 | 3.76 | 7.75 | 1.96 | 3.95 | 8.38 | 1.97 | 4.25 | 9.21 | 1.98 | 4.64 |
|                     | 23°C | 6.00                 | 1.91 | 3.14 | 6.60 | 1.93 | 3.43 | 7.21 | 1.95 | 3.70 | 7.61 | 1.96 | 3.89 | 8.23 | 1.97 | 4.18 | 9.06 | 1.98 | 4.58 |
|                     | 24°C | 5.88                 | 1.91 | 3.08 | 6.48 | 1.92 | 3.37 | 7.07 | 1.94 | 3.64 | 7.47 | 1.95 | 3.82 | 8.09 | 1.96 | 4.12 | 8.90 | 1.97 | 4.51 |
|                     | 25°C | 5.76                 | 1.91 | 3.02 | 6.35 | 1.92 | 3.31 | 6.94 | 1.94 | 3.58 | 7.33 | 1.95 | 3.76 | 7.94 | 1.96 | 4.05 | 8.75 | 1.97 | 4.44 |
|                     | 26°C | 5.64                 | 1.91 | 2.96 | 6.22 | 1.92 | 3.25 | 6.81 | 1.94 | 3.52 | 7.19 | 1.95 | 3.70 | 7.79 | 1.96 | 3.98 | 8.60 | 1.97 | 4.37 |
|                     | 27°C | 5.52                 | 1.91 | 2.90 | 6.10 | 1.91 | 3.19 | 6.67 | 1.93 | 3.46 | 7.05 | 1.94 | 3.63 | 7.65 | 1.95 | 3.92 | 8.44 | 1.96 | 4.30 |
|                     | 28°C | 5.41                 | 1.90 | 2.84 | 5.97 | 1.91 | 3.13 | 6.54 | 1.93 | 3.39 | 6.91 | 1.94 | 3.57 | 7.50 | 1.95 | 3.85 | 8.29 | 1.96 | 4.23 |
|                     | 29°C | 5.29                 | 1.90 | 2.78 | 5.85 | 1.90 | 3.07 | 6.40 | 1.92 | 3.33 | 6.77 | 1.93 | 3.50 | 7.36 | 1.94 | 3.79 | 8.13 | 1.95 | 4.16 |
|                     | 30°C | 5.17                 | 1.90 | 2.72 | 5.72 | 1.90 | 3.01 | 6.27 | 1.92 | 3.27 | 6.63 | 1.93 | 3.44 | 7.21 | 1.94 | 3.72 | 7.98 | 1.95 | 4.09 |
|                     | 31°C | 5.05                 | 1.90 | 2.66 | 5.59 | 1.90 | 2.95 | 6.13 | 1.92 | 3.20 | 6.49 | 1.92 | 3.38 | 7.06 | 1.93 | 3.65 | 7.83 | 1.94 | 4.02 |
|                     | 32°C | 4.94                 | 1.90 | 2.60 | 5.46 | 1.90 | 2.88 | 6.00 | 1.91 | 3.14 | 6.35 | 1.92 | 3.32 | 6.91 | 1.93 | 3.59 | 7.67 | 1.94 | 3.96 |
|                     | 33°C | 4.82                 | 1.89 | 2.55 | 5.34 | 1.89 | 2.82 | 5.86 | 1.91 | 3.07 | 6.22 | 1.91 | 3.25 | 6.77 | 1.92 | 3.52 | 7.52 | 1.93 | 3.89 |
|                     | 34°C | 4.71                 | 1.89 | 2.49 | 5.21 | 1.89 | 2.75 | 5.73 | 1.90 | 3.01 | 6.08 | 1.91 | 3.19 | 6.62 | 1.92 | 3.46 | 7.36 | 1.93 | 3.83 |
|                     | 35°C | 4.59                 | 1.89 | 2.43 | 5.08 | 1.89 | 2.69 | 5.59 | 1.90 | 2.94 | 5.94 | 1.90 | 3.13 | 6.47 | 1.91 | 3.39 | 7.21 | 1.92 | 3.76 |
|                     | 36°C | 4.29                 | 1.77 | 2.41 | 4.75 | 1.78 | 2.67 | 5.24 | 1.79 | 2.93 | 5.57 | 1.79 | 3.12 | 6.08 | 1.80 | 3.38 | 6.79 | 1.81 | 3.76 |
|                     | 37°C | 3.99                 | 1.66 | 2.40 | 4.43 | 1.66 | 2.66 | 4.89 | 1.68 | 2.91 | 5.21 | 1.68 | 3.11 | 5.69 | 1.69 | 3.38 | 6.38 | 1.70 | 3.75 |
|                     | 38°C | 3.68                 | 1.54 | 2.38 | 4.10 | 1.55 | 2.64 | 4.54 | 1.56 | 2.90 | 4.84 | 1.56 | 3.09 | 5.31 | 1.57 | 3.37 | 5.96 | 1.59 | 3.75 |
|                     | 39°C | 3.38                 | 1.43 | 2.37 | 3.78 | 1.43 | 2.63 | 4.19 | 1.45 | 2.88 | 4.48 | 1.45 | 3.08 | 4.92 | 1.46 | 3.37 | 5.55 | 1.48 | 3.74 |
|                     | 40°C | 3.08                 | 1.31 | 2.35 | 3.45 | 1.32 | 2.61 | 3.84 | 1.34 | 2.87 | 4.11 | 1.34 | 3.07 | 4.53 | 1.35 | 3.36 | 5.13 | 1.37 | 3.74 |
| 41°C                | 2.96 | 1.31                 | 2.26 | 3.32 | 1.32 | 2.52 | 3.70 | 1.33 | 2.78 | 3.97 | 1.33 | 2.98 | 4.38 | 1.34 | 3.26 | 4.97 | 1.37 | 3.64 |      |
| 42°C                | 2.85 | 1.31                 | 2.18 | 3.19 | 1.31 | 2.43 | 3.56 | 1.33 | 2.69 | 3.82 | 1.33 | 2.88 | 4.23 | 1.34 | 3.16 | 4.81 | 1.36 | 3.53 |      |
| 43°C                | 2.73 | 1.31                 | 2.09 | 3.07 | 1.31 | 2.35 | 3.43 | 1.32 | 2.60 | 3.68 | 1.32 | 2.79 | 4.08 | 1.33 | 3.06 | 4.65 | 1.36 | 3.43 |      |
| 44°C                | 2.61 | 1.30                 | 2.00 | 2.94 | 1.30 | 2.26 | 3.29 | 1.31 | 2.50 | 3.54 | 1.31 | 2.69 | 3.92 | 1.32 | 2.96 | 4.49 | 1.35 | 3.32 |      |
| 45°C                | 2.50 | 1.30                 | 1.92 | 2.81 | 1.30 | 2.17 | 3.15 | 1.31 | 2.41 | 3.39 | 1.31 | 2.60 | 3.77 | 1.32 | 2.86 | 4.33 | 1.35 | 3.22 |      |
| 46°C                | 2.38 | 1.30                 | 1.83 | 2.68 | 1.29 | 2.08 | 3.01 | 1.30 | 2.32 | 3.25 | 1.30 | 2.50 | 3.62 | 1.31 | 2.76 | 4.17 | 1.34 | 3.11 |      |

CC : Cooling capacity (kW)  
 IP : Input power (kW)  
 EER : Energy Efficiency Ratio

▼ Alféa Extensa A.I. 8 R32

|                     |      | Starting temperature |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |      |      |
|---------------------|------|----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|
|                     |      | 7°C                  |      |      | 10°C |      |      | 13°C |      |      | 15°C |      |      | 18°C |      |      | 22°C  |      |      |
|                     |      | CC                   | IP   | EER  | CC   | IP   | EER  | CC   | IP   | EER  | CC   | IP   | EER  | CC   | IP   | EER  | CC    | IP   | EER  |
| Outdoor temperature | 20°C | 6.43                 | 1.88 | 3.42 | 7.34 | 2.07 | 3.55 | 8.24 | 2.24 | 3.68 | 8.83 | 2.34 | 3.77 | 9.70 | 2.46 | 3.94 | 10.83 | 2.58 | 4.20 |
|                     | 21°C | 6.38                 | 1.93 | 3.32 | 7.27 | 2.11 | 3.46 | 8.15 | 2.27 | 3.60 | 8.73 | 2.36 | 3.69 | 9.59 | 2.48 | 3.87 | 10.70 | 2.59 | 4.13 |
|                     | 22°C | 6.33                 | 1.98 | 3.22 | 7.21 | 2.15 | 3.37 | 8.07 | 2.30 | 3.52 | 8.64 | 2.39 | 3.62 | 9.48 | 2.49 | 3.80 | 10.57 | 2.60 | 4.07 |
|                     | 23°C | 6.29                 | 2.03 | 3.11 | 7.14 | 2.19 | 3.27 | 7.98 | 2.33 | 3.43 | 8.54 | 2.41 | 3.54 | 9.36 | 2.51 | 3.74 | 10.44 | 2.61 | 4.00 |
|                     | 24°C | 6.24                 | 2.08 | 3.01 | 7.08 | 2.23 | 3.18 | 7.90 | 2.36 | 3.35 | 8.45 | 2.44 | 3.47 | 9.25 | 2.52 | 3.67 | 10.31 | 2.62 | 3.94 |
|                     | 25°C | 6.19                 | 2.13 | 2.91 | 7.01 | 2.27 | 3.09 | 7.81 | 2.39 | 3.27 | 8.35 | 2.46 | 3.39 | 9.14 | 2.54 | 3.60 | 10.18 | 2.63 | 3.87 |
|                     | 26°C | 6.14                 | 2.18 | 2.83 | 6.94 | 2.31 | 3.01 | 7.72 | 2.42 | 3.20 | 8.25 | 2.48 | 3.32 | 9.03 | 2.56 | 3.53 | 10.05 | 2.64 | 3.81 |
|                     | 27°C | 6.10                 | 2.23 | 2.75 | 6.88 | 2.35 | 2.93 | 7.64 | 2.45 | 3.13 | 8.16 | 2.51 | 3.25 | 8.92 | 2.57 | 3.47 | 9.92  | 2.65 | 3.75 |
|                     | 28°C | 6.05                 | 2.28 | 2.66 | 6.81 | 2.39 | 2.86 | 7.55 | 2.48 | 3.05 | 8.06 | 2.53 | 3.19 | 8.80 | 2.59 | 3.40 | 9.79  | 2.66 | 3.68 |
|                     | 29°C | 6.01                 | 2.33 | 2.58 | 6.75 | 2.43 | 2.78 | 7.47 | 2.51 | 2.98 | 7.97 | 2.56 | 3.12 | 8.69 | 2.60 | 3.34 | 9.66  | 2.67 | 3.62 |
|                     | 30°C | 5.96                 | 2.38 | 2.50 | 6.68 | 2.47 | 2.70 | 7.38 | 2.54 | 2.91 | 7.87 | 2.58 | 3.05 | 8.58 | 2.62 | 3.27 | 9.53  | 2.68 | 3.56 |
|                     | 31°C | 5.91                 | 2.43 | 2.43 | 6.61 | 2.51 | 2.64 | 7.30 | 2.57 | 2.85 | 7.77 | 2.60 | 2.99 | 8.47 | 2.64 | 3.21 | 9.40  | 2.69 | 3.50 |
|                     | 32°C | 5.87                 | 2.48 | 2.37 | 6.54 | 2.55 | 2.57 | 7.21 | 2.60 | 2.79 | 7.67 | 2.62 | 2.93 | 8.36 | 2.66 | 3.15 | 9.27  | 2.70 | 3.44 |
|                     | 33°C | 5.82                 | 2.54 | 2.30 | 6.48 | 2.58 | 2.51 | 7.13 | 2.62 | 2.72 | 7.58 | 2.65 | 2.86 | 8.24 | 2.67 | 3.08 | 9.15  | 2.71 | 3.38 |
|                     | 34°C | 5.78                 | 2.59 | 2.24 | 6.41 | 2.62 | 2.44 | 7.04 | 2.65 | 2.66 | 7.48 | 2.67 | 2.80 | 8.13 | 2.69 | 3.02 | 9.02  | 2.72 | 3.32 |
|                     | 35°C | 5.73                 | 2.64 | 2.17 | 6.34 | 2.66 | 2.38 | 6.96 | 2.68 | 2.60 | 7.38 | 2.69 | 2.74 | 8.02 | 2.71 | 2.96 | 8.89  | 2.73 | 3.26 |
|                     | 36°C | 5.48                 | 2.53 | 2.16 | 6.07 | 2.55 | 2.38 | 6.66 | 2.57 | 2.60 | 7.07 | 2.58 | 2.74 | 7.69 | 2.60 | 2.96 | 8.55  | 2.62 | 3.26 |
|                     | 37°C | 5.24                 | 2.43 | 2.15 | 5.79 | 2.44 | 2.38 | 6.36 | 2.45 | 2.60 | 6.76 | 2.46 | 2.74 | 7.36 | 2.49 | 2.96 | 8.20  | 2.52 | 3.26 |
|                     | 38°C | 4.99                 | 2.32 | 2.15 | 5.52 | 2.32 | 2.37 | 6.07 | 2.34 | 2.59 | 6.44 | 2.35 | 2.75 | 7.04 | 2.37 | 2.97 | 7.86  | 2.41 | 3.26 |
|                     | 39°C | 4.75                 | 2.22 | 2.14 | 5.24 | 2.21 | 2.37 | 5.77 | 2.22 | 2.59 | 6.13 | 2.23 | 2.75 | 6.71 | 2.26 | 2.97 | 7.51  | 2.31 | 3.26 |
|                     | 40°C | 4.50                 | 2.11 | 2.13 | 4.97 | 2.10 | 2.37 | 5.47 | 2.11 | 2.59 | 5.82 | 2.12 | 2.75 | 6.38 | 2.15 | 2.97 | 7.17  | 2.20 | 3.26 |
| 41°C                | 4.36 | 2.11                 | 2.06 | 4.82 | 2.10 | 2.30 | 5.31 | 2.11 | 2.51 | 5.65 | 2.12 | 2.67 | 6.19 | 2.15 | 2.89 | 6.96 | 2.19  | 3.18 |      |
| 42°C                | 4.21 | 2.11                 | 2.00 | 4.66 | 2.10 | 2.22 | 5.14 | 2.11 | 2.44 | 5.47 | 2.12 | 2.59 | 6.00 | 2.14 | 2.81 | 6.75 | 2.18  | 3.09 |      |
| 43°C                | 4.07 | 2.11                 | 1.93 | 4.51 | 2.10 | 2.15 | 4.98 | 2.11 | 2.36 | 5.30 | 2.12 | 2.51 | 5.82 | 2.14 | 2.73 | 6.54 | 2.17  | 3.01 |      |
| 44°C                | 3.92 | 2.10                 | 1.86 | 4.36 | 2.10 | 2.08 | 4.81 | 2.10 | 2.28 | 5.13 | 2.11 | 2.43 | 5.63 | 2.13 | 2.64 | 6.32 | 2.16  | 2.93 |      |
| 45°C                | 3.78 | 2.10                 | 1.80 | 4.20 | 2.10 | 2.00 | 4.65 | 2.10 | 2.21 | 4.95 | 2.11 | 2.35 | 5.44 | 2.13 | 2.56 | 6.11 | 2.15  | 2.84 |      |
| 46°C                | 3.63 | 2.10                 | 1.73 | 4.05 | 2.10 | 1.93 | 4.48 | 2.10 | 2.13 | 4.78 | 2.11 | 2.27 | 5.25 | 2.12 | 2.48 | 5.90 | 2.14  | 2.76 |      |

▼ Alféa Extensa A.I. 10 R32

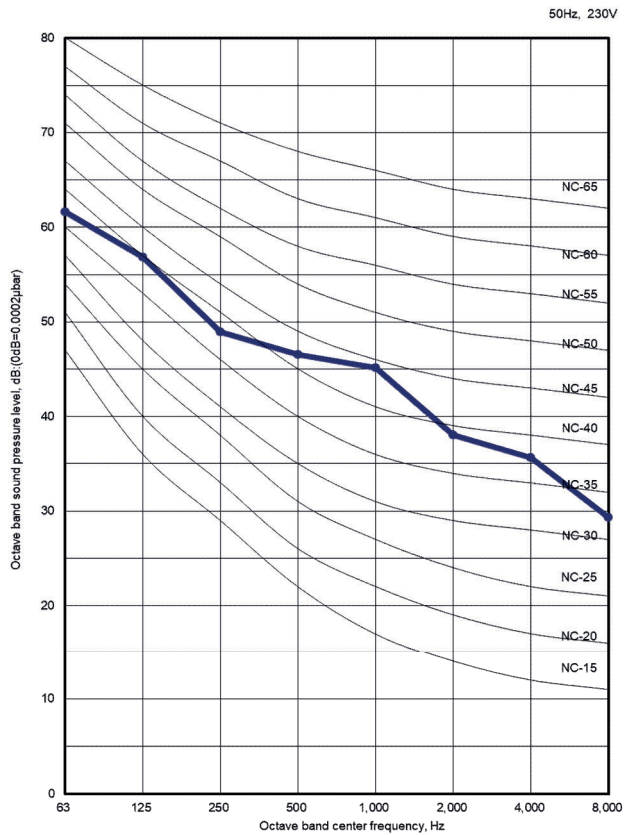
|                     |      | Starting temperature |      |      |      |      |      |       |      |      |       |      |      |       |      |      |       |      |      |
|---------------------|------|----------------------|------|------|------|------|------|-------|------|------|-------|------|------|-------|------|------|-------|------|------|
|                     |      | 7°C                  |      |      | 10°C |      |      | 13°C  |      |      | 15°C  |      |      | 18°C  |      |      | 22°C  |      |      |
|                     |      | CC                   | IP   | EER  | CC   | IP   | EER  | CC    | IP   | EER  | CC    | IP   | EER  | CC    | IP   | EER  | CC    | IP   | EER  |
| Outdoor temperature | 20°C | 6.67                 | 1.81 | 3.69 | 8.95 | 2.45 | 3.65 | 11.25 | 3.48 | 3.23 | 11.99 | 3.57 | 3.36 | 13.03 | 3.67 | 3.55 | 14.31 | 3.76 | 3.81 |
|                     | 21°C | 6.64                 | 1.86 | 3.58 | 8.86 | 2.50 | 3.55 | 11.07 | 3.47 | 3.19 | 11.77 | 3.54 | 3.32 | 12.77 | 3.62 | 3.53 | 14.02 | 3.70 | 3.79 |
|                     | 22°C | 6.61                 | 1.91 | 3.47 | 8.76 | 2.55 | 3.45 | 10.90 | 3.47 | 3.14 | 11.55 | 3.51 | 3.29 | 12.51 | 3.57 | 3.50 | 13.74 | 3.64 | 3.78 |
|                     | 23°C | 6.59                 | 1.97 | 3.37 | 8.67 | 2.59 | 3.35 | 10.72 | 3.46 | 3.10 | 11.34 | 3.49 | 3.25 | 12.24 | 3.52 | 3.48 | 13.45 | 3.57 | 3.76 |
|                     | 24°C | 6.56                 | 2.02 | 3.26 | 8.57 | 2.64 | 3.25 | 10.55 | 3.46 | 3.05 | 11.12 | 3.46 | 3.22 | 11.98 | 3.47 | 3.45 | 13.17 | 3.51 | 3.75 |
|                     | 25°C | 6.53                 | 2.07 | 3.15 | 8.48 | 2.69 | 3.15 | 10.37 | 3.45 | 3.01 | 10.90 | 3.43 | 3.18 | 11.72 | 3.42 | 3.43 | 12.88 | 3.45 | 3.73 |
|                     | 26°C | 6.45                 | 2.12 | 3.05 | 8.39 | 2.74 | 3.07 | 10.17 | 3.44 | 2.96 | 10.70 | 3.42 | 3.13 | 11.51 | 3.42 | 3.36 | 12.67 | 3.45 | 3.67 |
|                     | 27°C | 6.36                 | 2.17 | 2.94 | 8.30 | 2.79 | 2.98 | 9.97  | 3.43 | 2.91 | 10.49 | 3.42 | 3.07 | 11.30 | 3.43 | 3.30 | 12.46 | 3.44 | 3.62 |
|                     | 28°C | 6.28                 | 2.22 | 2.84 | 8.20 | 2.84 | 2.90 | 9.77  | 3.42 | 2.86 | 10.29 | 3.41 | 3.02 | 11.08 | 3.43 | 3.23 | 12.24 | 3.44 | 3.56 |
|                     | 29°C | 6.19                 | 2.27 | 2.73 | 8.11 | 2.89 | 2.81 | 9.57  | 3.41 | 2.81 | 10.08 | 3.41 | 2.96 | 10.87 | 3.44 | 3.17 | 12.03 | 3.43 | 3.51 |
|                     | 30°C | 6.11                 | 2.32 | 2.63 | 8.02 | 2.94 | 2.73 | 9.37  | 3.40 | 2.76 | 9.88  | 3.40 | 2.91 | 10.66 | 3.44 | 3.10 | 11.82 | 3.43 | 3.45 |
|                     | 31°C | 6.03                 | 2.37 | 2.55 | 7.93 | 3.03 | 2.63 | 9.17  | 3.39 | 2.71 | 9.68  | 3.40 | 2.85 | 10.45 | 3.44 | 3.04 | 11.61 | 3.43 | 3.39 |
|                     | 32°C | 5.95                 | 2.42 | 2.47 | 7.85 | 3.11 | 2.54 | 8.97  | 3.38 | 2.65 | 9.48  | 3.39 | 2.79 | 10.24 | 3.44 | 2.97 | 11.40 | 3.42 | 3.33 |
|                     | 33°C | 5.86                 | 2.47 | 2.38 | 7.76 | 3.20 | 2.44 | 8.77  | 3.38 | 2.60 | 9.27  | 3.39 | 2.74 | 10.02 | 3.45 | 2.91 | 11.19 | 3.42 | 3.28 |
|                     | 34°C | 5.78                 | 2.52 | 2.30 | 7.68 | 3.28 | 2.35 | 8.57  | 3.37 | 2.54 | 9.07  | 3.38 | 2.68 | 9.81  | 3.45 | 2.84 | 10.98 | 3.41 | 3.22 |
|                     | 35°C | 5.70                 | 2.57 | 2.22 | 7.59 | 3.37 | 2.25 | 8.37  | 3.36 | 2.49 | 8.87  | 3.38 | 2.62 | 9.60  | 3.45 | 2.78 | 10.77 | 3.41 | 3.16 |
|                     | 36°C | 5.43                 | 2.52 | 2.15 | 7.09 | 3.17 | 2.23 | 7.86  | 3.16 | 2.48 | 8.35  | 3.18 | 2.63 | 9.07  | 3.23 | 2.81 | 10.17 | 3.20 | 3.19 |
|                     | 37°C | 5.16                 | 2.47 | 2.08 | 6.59 | 2.96 | 2.22 | 7.35  | 2.96 | 2.48 | 7.83  | 2.98 | 2.63 | 8.54  | 3.02 | 2.84 | 9.58  | 2.99 | 3.22 |
|                     | 38°C | 4.89                 | 2.43 | 2.01 | 6.10 | 2.76 | 2.20 | 6.84  | 2.77 | 2.47 | 7.32  | 2.77 | 2.64 | 8.01  | 2.80 | 2.87 | 8.98  | 2.78 | 3.24 |
|                     | 39°C | 4.62                 | 2.38 | 1.94 | 5.60 | 2.55 | 2.19 | 6.33  | 2.57 | 2.47 | 6.80  | 2.57 | 2.64 | 7.48  | 2.59 | 2.90 | 8.39  | 2.57 | 3.27 |
|                     | 40°C | 4.35                 | 2.33 | 1.87 | 5.10 | 2.35 | 2.17 | 5.82  | 2.37 | 2.46 | 6.28  | 2.37 | 2.65 | 6.95  | 2.37 | 2.93 | 7.79  | 2.36 | 3.30 |
| 41°C                | 4.17 | 2.33                 | 1.79 | 4.90 | 2.35 | 2.09 | 5.60 | 2.36  | 2.37 | 6.05 | 2.36  | 2.56 | 6.71 | 2.36  | 2.84 | 7.54 | 2.36  | 3.20 |      |
| 42°C                | 3.99 | 2.33                 | 1.72 | 4.69 | 2.34 | 2.00 | 5.37 | 2.35  | 2.28 | 5.81 | 2.35  | 2.47 | 6.46 | 2.35  | 2.74 | 7.30 | 2.35  | 3.10 |      |
| 43°C                | 3.81 | 2.33                 | 1.64 | 4.49 | 2.34 | 1.92 | 5.15 | 2.35  | 2.20 | 5.58 | 2.35  | 2.38 | 6.22 | 2.35  | 2.65 | 7.05 | 2.35  | 3.01 |      |
| 44°C                | 3.62 | 2.32                 | 1.56 | 4.28 | 2.33 | 1.84 | 4.92 | 2.34  | 2.11 | 5.35 | 2.34  | 2.28 | 5.98 | 2.34  | 2.56 | 6.80 | 2.34  | 2.91 |      |
| 45°C                | 3.44 | 2.32                 | 1.49 | 4.08 | 2.33 | 1.75 | 4.70 | 2.33  | 2.02 | 5.11 | 2.33  | 2.19 | 5.73 | 2.33  | 2.46 | 6.56 | 2.34  | 2.81 |      |
| 46°C                | 3.26 | 2.32                 | 1.41 | 3.87 | 2.32 | 1.67 | 4.47 | 2.32  | 1.93 | 4.88 | 2.32  | 2.10 | 5.49 | 2.32  | 2.37 | 6.31 | 2.33  | 2.71 |      |

CC : Cooling capacity (kW)  
 IP : Input power (kW)  
 EER : Energy Efficiency Ratio

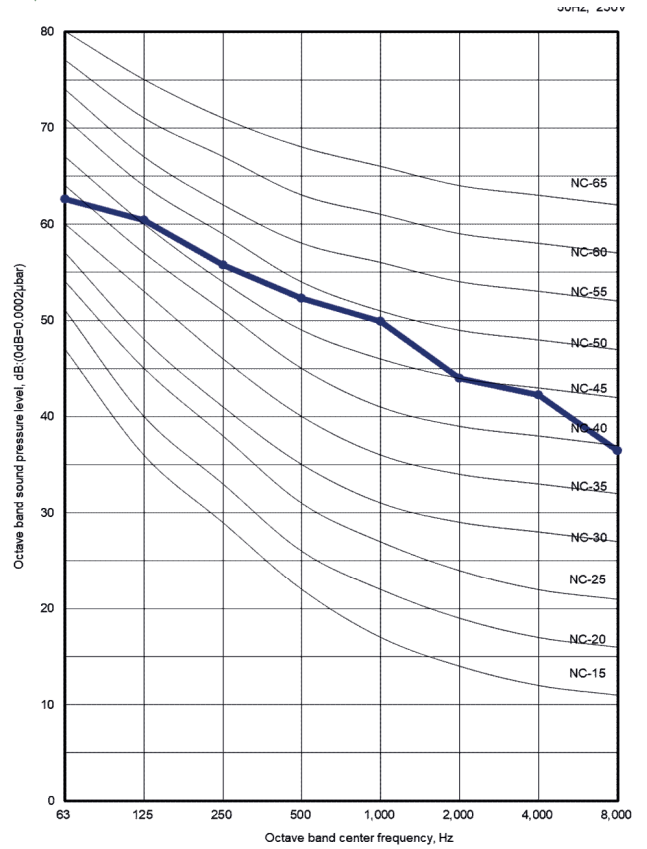
# Sound power of the outdoor unit

## ► Sound power curves in heating mode

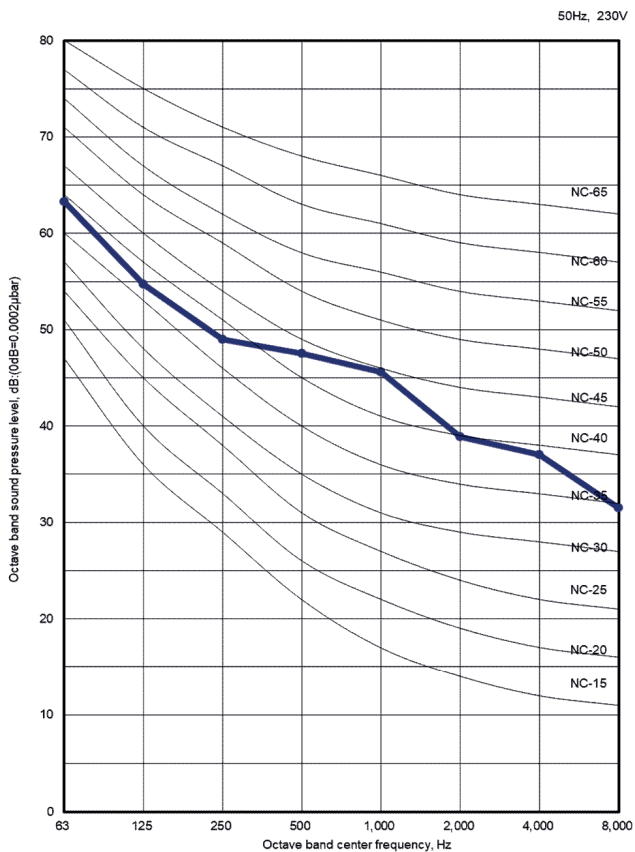
### ▼ Alféa Extensa A.I. 5 R32



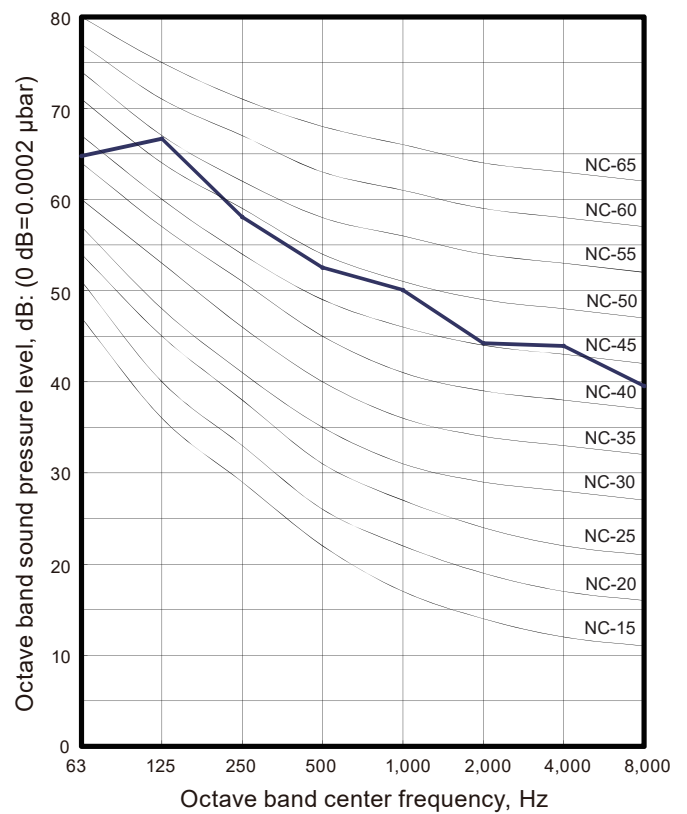
### ▼ Alféa Extensa A.I. 8 R32



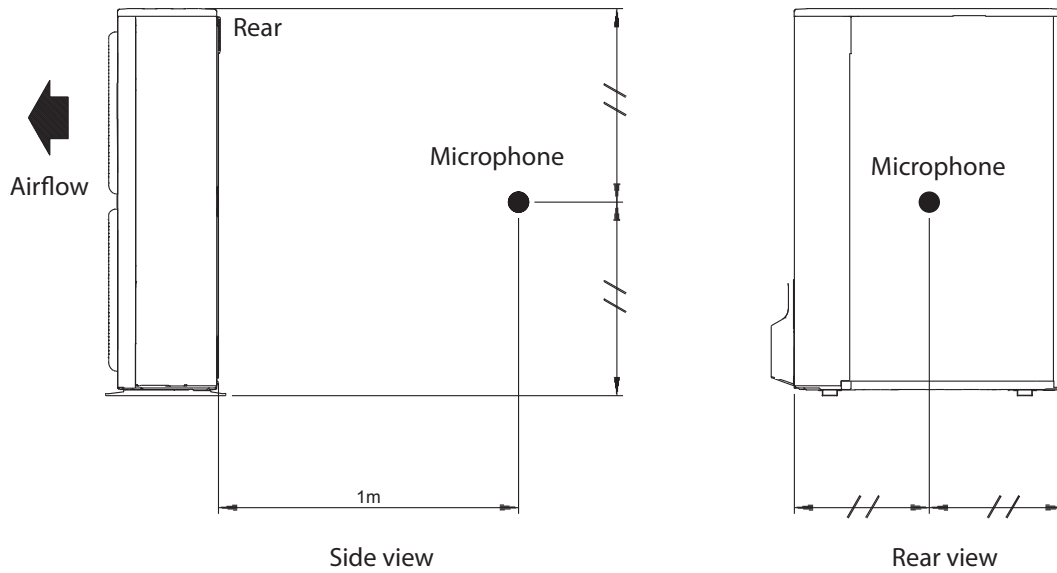
### ▼ Alféa Extensa A.I. 6 R32



### ▼ Alféa Extensa A.I. 10 R32



► Sound level check point



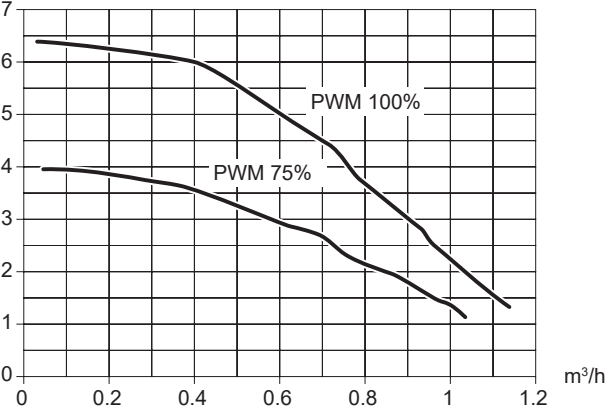
NOTE : Detailed shape of the actual outdoor unit might be slightly different from the one illustrated above.

# Hydraulic circuit

► Availables flow and pressure

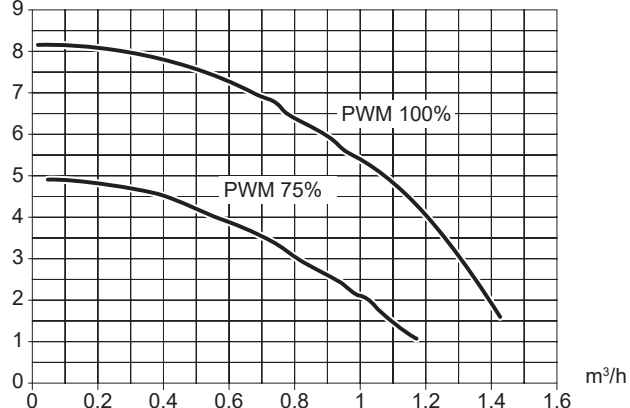
Size 5/6/8

mCE (1 mbar = 10 mmCE = 100 Pa)



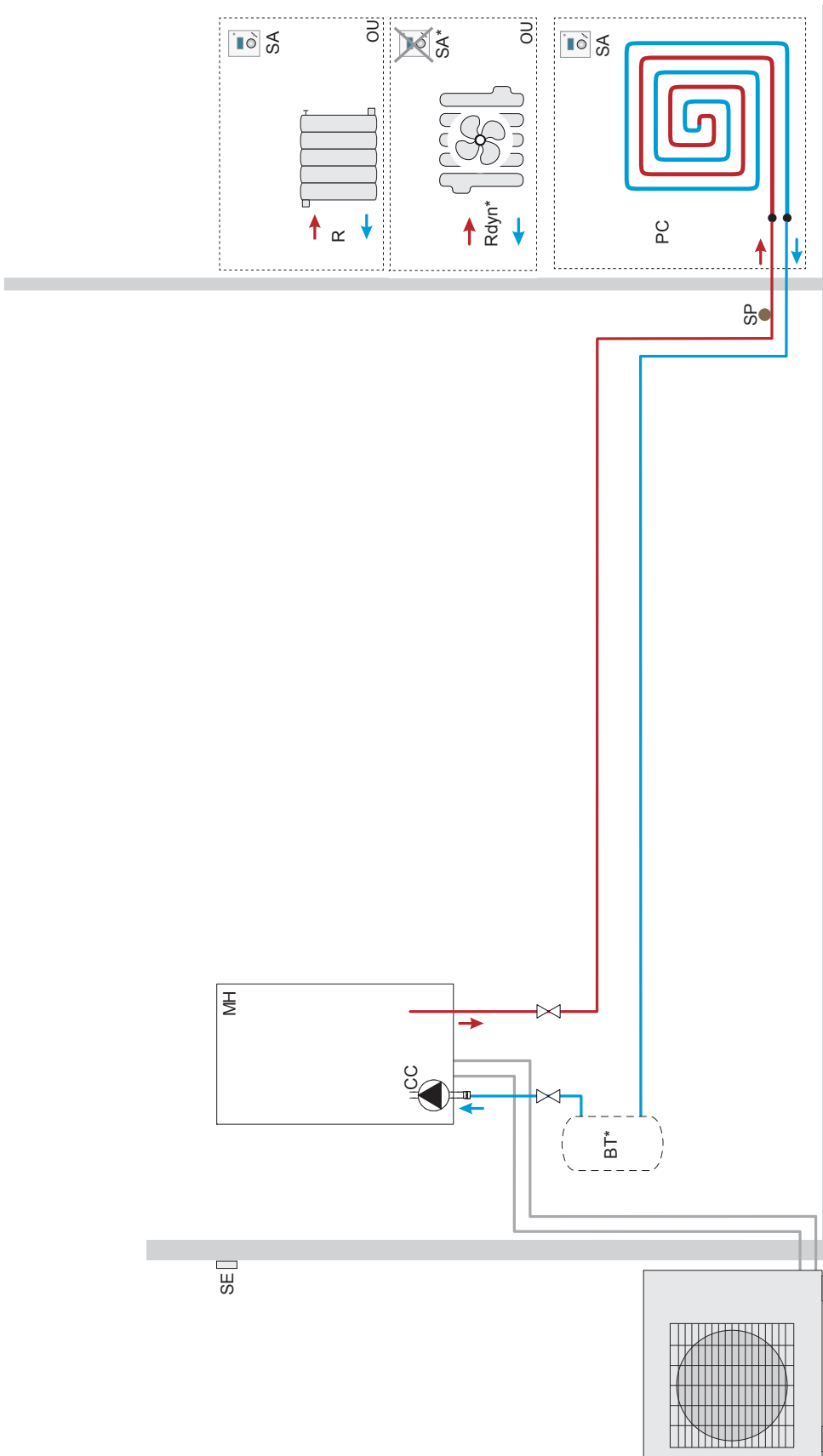
Size 10

mCE (1 mbar = 10 mmCE = 100 Pa)



## ► Overall hydraulic layout

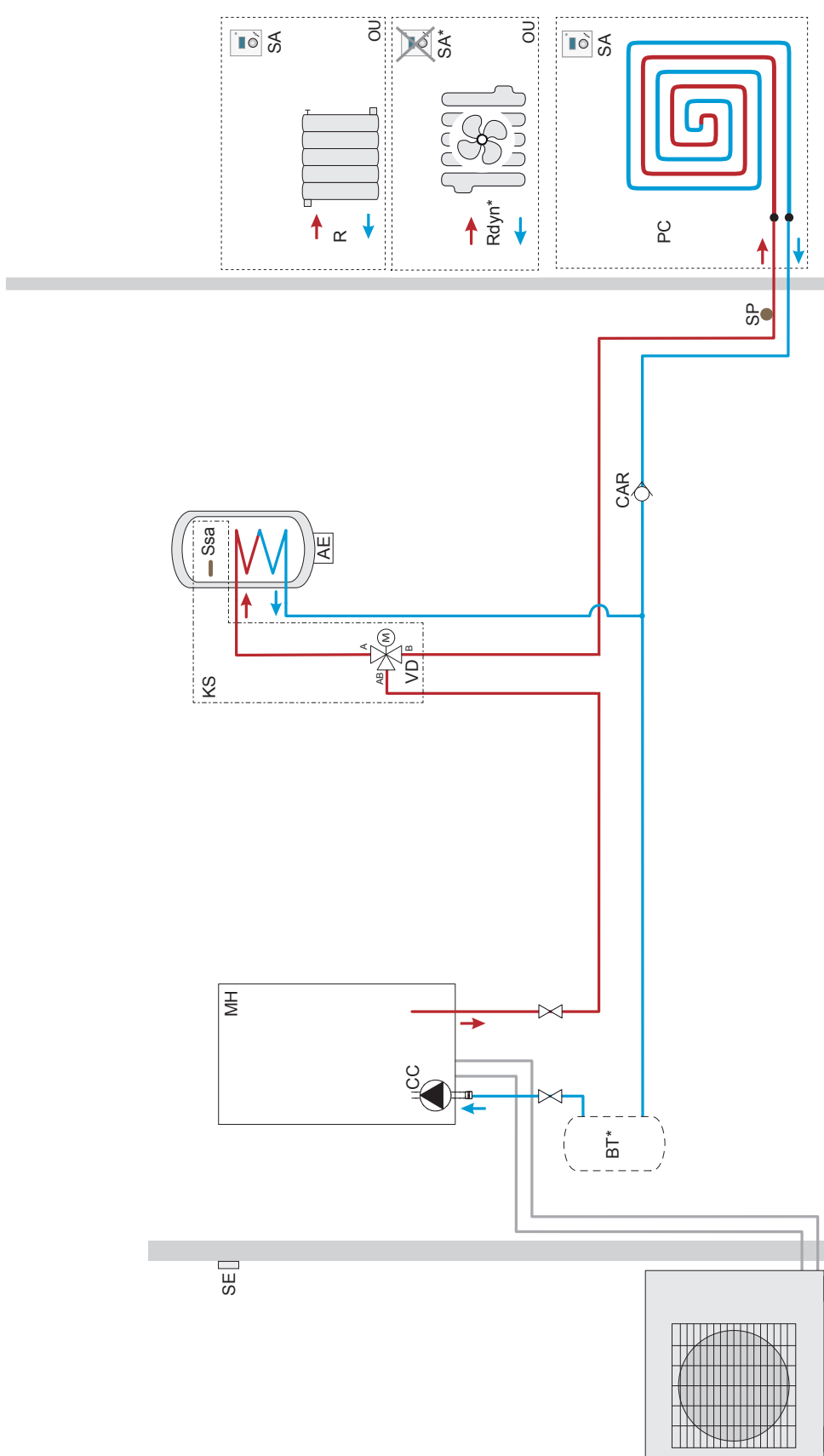
### ■ Configuration : one heating circuit



#### Key:

- BT\*** - Buffer tank (depending on water volume: see *Manual*)
- CC** - Heating circulation pump
- EB** - Electrical backup
- MH** - Hydraulic unit
- PC** - Underfloor heating system
- R** - Radiator
- Rdyn\*** - Dynamic radiator
- SA\*** - Room sensor (option/ except with Rdyn)
- SE** - Outside sensor
- SP** - Heated floor thermal safety fuse

■ Configuration : one heating circuit and mixed hot water tank



Key:

**EB** - Electrical backup  
**BT\*** - Buffer tank (depending on water volume: see *manual*)  
**CAR** - Non-return valve  
**CC** - Heating circulation pump  
**KS** - DHW kit

**MH** - Hydraulic unit  
**PC** - Underfloor heating system  
**R** - Radiator  
**Rdyn\*** - Dynamic radiator  
**SA\*** - Room sensor (option/ except with Rdyn)

**SSa** - Hot water sensor  
**SE** - Outside sensor  
**SP** - Heated floor thermal safety fuse  
**VD** - Distribution valve







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A series of horizontal dotted lines spanning the width of the page, providing a guide for handwriting practice.



This equipment complies with:

- Low Voltage Directive 2014/35/EC in accordance with NF EN 60335-1, NF EN 60335-2-40, NF EN 60529, NF EN 60529/A2 (IP) standards,
- Electromechanical Compatibility Directive 2014/30/EC,
- Machines Directive 2006/42/EC,
- Pressure Equipment Directive 2014/68/EC in accordance with NF EN 378-2 standard,
- Ecodesign Directive 2009/125/EC and regulation (EU) No 813/2013,
- regulation (EU) 2017/1369 setting a framework for energy labelling and regulation (EU) No 811/2013,

This appliance also complies with:

- Decree No. 92-1271 (and its modifications) relating to certain refrigeration fluids used in refrigeration and air conditioning equipment.
- Regulation 517/2014 of the European Parliament on certain fluorinated greenhouse gases.
- Standards relating to the product and testing methods used: Air-conditioners, liquid chiller units and heat pumps with a compressor driven by an electric motor for heating and refrigeration EN 14511-1, EN 14511-2, EN 14511-3, EN 14511-4, EN 14825.
- EN 12102-1 standard: determination of the sound power level



This appliance is marked with this symbol. It means that all electrical and electronic products must be strictly separated from household waste.

A specific recovery system for this type of product is in place in the countries of the European Union (\*), Norway, Iceland and Liechtenstein.

Do not attempt to dismantle this product yourself. This can have adverse effects on your health and on the environment.

Refrigerant liquid, oil and other parts must be reprocessed by a qualified installer in accordance with applicable local and national laws.

In terms of recycling, this appliance must be processed by a specialised service and must not, under any circumstances, be thrown out with household waste, bulky waste or at a tip.

Please contact your heating engineer or After Sales service for further information.

\* Depending on the national regulations of each member state.



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