

# ANL 292H - 652H

## Reversible air/water heat pump

Cooling capacity 52,9 ÷ 128,8 kW  
Heating capacity 60,8 ÷ 141,4 kW

- Standard version
- Low noise version
- Option integrated hydronic kit user side



### DESCRIPTION

Reversible outdoor heat pumps for the production of chilled/heated water designed to satisfy the needs of residential and commercial buildings, or for industrial applications.

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

### VERSIONS

° Standard  
L Silenced

### FEATURES

#### Operating field

Operation at full load up to 43 °C external air temperature. Unit can produce chilled water (up to -10°C).

#### Integrated hydronic kit

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

An optional, integrated hydronic kit containing the main hydraulic components, to obtain a solution that allows you to save money and to facilitate installation.

**It's available in various configurations, with storage tank or pumps.**

#### Inverter fans

Inverter fans from size 292 to size 432 versions L.

*The DCPX accessory is not required for these sizes.*

### MODUCONTROL CONTROL

The command panel of the unit allows the rapid setting of the working parameters of the machine, and their visualisation. The display consists of 4 figures and various LEDs for indicating the type of operational mode, the visualisation of the parameters set and of any alarms triggered. The card stores all the default settings and any modifications.

### ACCESSORIES

**AERLINK:** Wifi Gateway with an RS485 serial port that can be installed on all machines or on all controllers having an RS485 serial port themselves. The module is capable of simultaneously activating the AP WIFI (Access point) and WIFI Station functions, the latter making it possible to connect to the home or business LAN both with VMF-E5 and E6. To facilitate certain management and control operations of the unit, the AERAPP application is available both for Android and iOS systems.

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

**AERSET:** It makes it possible to automatically compensate for the operation setting of the unit to which it is connected, based on a 0-10V MODBUS input signal. Mandatory accessory MODU-485BL.

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

**MULTICONTROL:** Allows the simultaneous control of several units (up to 4), installed in the same hydraulic system.

**PR3:** Simplified remote panel. This makes it possible to carry out the unit's basic controls with the signalling of alarms. Can be made remote with shielded cable up to 150 m.

**SPLW:** System water temperature sensor. In most cases the loose supplied sensors for each chiller/heat pump are sufficient. In cases of a common flow/return header this sensor can be used to control the common system supply water temperature for the chillers connected to the header, or it can be used for temperature monitoring.

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

**GP:** Anti-intrusion grid.

**VT:** Anti-vibration supports.

## FACTORY FITTED ACCESSORIES

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

## COMPATIBILITY WITH VMF SYSTEM

For more information about VMF system, refer to the dedicated documentation.

## ACCESSORIES COMPATIBILITY

| Model        | Ver | 292 | 302 | 342 | 402 | 582 | 622 | 652 |
|--------------|-----|-----|-----|-----|-----|-----|-----|-----|
| AERLINK      | °   |     |     |     | •   | •   | •   | •   |
|              | L   | •   | •   | •   | •   | •   | •   | •   |
| AERNET       | °   |     |     |     | •   | •   | •   | •   |
|              | L   | •   | •   | •   | •   | •   | •   | •   |
| ASERET       | °   |     |     |     | •   | •   | •   | •   |
|              | L   | •   | •   | •   | •   | •   | •   | •   |
| MODU-485BL   | °   |     |     |     | •   | •   | •   | •   |
|              | L   | •   | •   | •   | •   | •   | •   | •   |
| MULTICONTROL | °   |     |     |     | •   | •   | •   | •   |
|              | L   | •   | •   | •   | •   | •   | •   | •   |
| PR3          | °   |     |     |     | •   | •   | •   | •   |
|              | L   | •   | •   | •   | •   | •   | •   | •   |
| SPLW (1)     | °   |     |     |     | •   | •   | •   | •   |
|              | L   | •   | •   | •   | •   | •   | •   | •   |

(1) Probe required for MULTICONTROL to manage the secondary circuit system.

## DCPX: Condensation control temperature

| Ver     | 292    | 302    | 342    | 402         | 582         | 622         | 652         |
|---------|--------|--------|--------|-------------|-------------|-------------|-------------|
| Fans: ° |        |        |        |             | DCPX83      | DCPX83      | DCPX83      |
| °       | -      | -      | -      |             |             |             |             |
| L       | -      | -      | -      | As standard | As standard | As standard | As standard |
| Fans: M |        |        |        |             |             |             |             |
| L       | DCPX62 | DCPX62 | DCPX63 | -           | -           | -           | -           |

In versions with desuperheater, the DCPX is included as standard.

## GP: Anti-intrusion grid

| Ver | 292 | 302 | 342 | 402         | 582         | 622         | 652         |
|-----|-----|-----|-----|-------------|-------------|-------------|-------------|
| °   | -   | -   | -   | GP2 x 2 (1) |
| L   | GP3 | GP3 | GP3 | GP2 x 2 (1) |

(1) x \_ indicates the quantity to buy

## VT: Antivibration

| Ver   | 292  | 302  | 342  | 402  | 582  | 622  | 652  |
|---|------|------|------|------|------|------|------|
| Integrated hydronic kit: 00                             |      |      |      |      |      |      |      |
| °   | -    | -    | -    | VT11 | VT11 | VT11 | VT11 |
| L   | VT17 | VT17 | VT17 | VT11 | VT11 | VT11 | VT11 |
| Integrated hydronic kit: 01, 02, 03, 04, P1, P2, P3, P4 |      |      |      |      |      |      |      |
| °   | -    | -    | -    | VT11 | VT11 | VT11 | VT11 |
| L   | VT13 | VT13 | VT13 | VT11 | VT11 | VT11 | VT11 |

## RIF: Power factor correction

| Ver | 292   | 302   | 342   | 402   | 582   | 622   | 652   |
|-----|-------|-------|-------|-------|-------|-------|-------|
| °   | -     | -     | -     | RIF42 | RIF50 | RIF72 | RIF51 |
| L   | RIF32 | RIF32 | RIF42 | RIF42 | RIF50 | RIF72 | RIF51 |

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

## CONFIGURATOR

| Field | Description   |
|-------|---|
| 1,2,3 | <b>ANL</b>  |
| 4,5,6 | <b>Size</b><br>292, 302, 342, 402, 582, 622, 652  |
| 7     | <b>Operating field</b><br>◦ Standard mechanic thermostatic valve (1)<br>X Electronic thermostatic expansion valve (2)   |
| 8     | <b>Model</b><br>H Heat pump   |
| 9     | <b>Heat recovery</b><br>◦ Without heat recovery<br>D With desuperheater (3)   |
| 10    | <b>Version</b><br>◦ Standard<br>L Silenced  |
| 11    | <b>Coils</b><br>◦ Alluminium<br>R Copper pipes-copper fins<br>S Tinned copper<br>V Copper pipes-Coated aluminium fins   |
| 12    | <b>Fans</b><br>◦ Standard (4)<br>J Inverter (5)<br>M Oversized (6)  |
| 13    | <b>Power supply</b><br>◦ 400V 3N ~ 50Hz   |
| 14    | <b>Soft-start</b><br>◦ Without Soft-Start<br>S With Soft-Start  |
| 15,16 | <b>Integrated hydronic kit</b><br>00 Without hydronic kit<br>01 Storage tank with low head pump<br>02 Storage tank with low head pump + stand-by pump<br>03 Storage tank with high head pump<br>04 Storage tank with high head pump + stand-by pump<br>P1 Single pump low head<br>P2 Pump low head + stand-by pump<br>P3 Single pump high head<br>P4 Pump high head + stand-by pump |

(1) Water produced up to +4 °C.

(2) Water produced up to +4 °C. For different temperature please contact the factory.

(3) The desuperheater must be intercepted in heating mode. In cooling mode, a water temperature no lower than 35°C must always be guaranteed on the heat exchanger inlet.

(4) As standard in sizes from 402÷652.

(5) Standard for size 292÷342, without useful static pressure. Option for size 402÷652 with useful static pressure.

(6) Option available only for size 292÷342.

## PERFORMANCE SPECIFICATIONS 12 °C / 7 °C - 40 °C / 45 °C

### ANL - (H°)

| Size   | 292 | 302 | 342 | 402 | 582   | 622   | 652   |
|--|-----|-----|-----|-----|-------|-------|-------|
| <b>Cooling performance 12 °C / 7 °C (1)</b>  |     |     |     |     |       |       |       |
| Cooling capacity                             | kW  | -   | -   | -   | 81,0  | 102,7 | 119,8 |
| Input power                                  | kW  | -   | -   | -   | 29,2  | 42,2  | 44,4  |
| Cooling total input current                  | A   | -   | -   | -   | 52,0  | 68,0  | 70,0  |
| EER  | W/W | -   | -   | -   | 2,78  | 2,43  | 2,70  |
| Water flow rate system side                  | l/h | -   | -   | -   | 13951 | 17714 | 20635 |
| Pressure drop system side                    | kPa | -   | -   | -   | 29    | 55    | 53    |
| <b>Heating performance 40 °C / 45 °C (2)</b> |     |     |     |     |       |       |       |
| Heating capacity                             | kW  | -   | -   | -   | 88,3  | 118,8 | 131,0 |
| Input power                                  | kW  | -   | -   | -   | 28,7  | 39,4  | 43,3  |
| Heating total input current                  | A   | -   | -   | -   | 51,0  | 63,0  | 68,0  |
| COP  | W/W | -   | -   | -   | 3,07  | 3,02  | 3,03  |
| Water flow rate system side                  | l/h | -   | -   | -   | 15312 | 20595 | 22716 |
| Pressure drop system side                    | kPa | -   | -   | -   | 33    | 55    | 61    |

(1) Data EN 14511:2018; Heat exchanger water (services side) 12°C / 7°C; outside air 35°C

(2) Data EN 14511:2018; System side water heat exchanger 40 °C / 45 °C; Outside air 7 °C d.b. / 6 °C w.b.

**ANL - (HL)**

| Size  | 292 | 302   | 342   | 402   | 582   | 622   | 652   |
|---|-----|-------|-------|-------|-------|-------|-------|
| <b>Cooling performance 12 °C / 7 °C(1)</b>  |     |       |       |       |       |       |       |
| Cooling capacity                            | kW  | 52,0  | 55,7  | 64,5  | 76,6  | 98,0  | 114,0 |
| Input power                                 | kW  | 21,0  | 24,0  | 24,6  | 30,7  | 45,5  | 47,6  |
| Cooling total input current                 | A   | 37,0  | 41,0  | 45,0  | 54,0  | 72,0  | 75,0  |
| EER   | W/W | 2,48  | 2,32  | 2,62  | 2,49  | 2,15  | 2,39  |
| Water flow rate system side                 | l/h | 8951  | 9587  | 11099 | 13178 | 16889 | 19638 |
| Pressure drop system side                   | kPa | 26    | 24    | 31    | 26    | 40    | 48    |
| <b>Heating performance 40 °C / 45 °C(2)</b> |     |       |       |       |       |       |       |
| Heating capacity                            | kW  | 59,6  | 64,6  | 71,3  | 88,3  | 118,8 | 131,0 |
| Input power                                 | kW  | 19,0  | 20,7  | 22,6  | 28,7  | 39,8  | 43,3  |
| Heating total input current                 | A   | 34,0  | 36,0  | 42,0  | 51,0  | 63,0  | 68,0  |
| COP   | W/W | 3,13  | 3,12  | 3,15  | 3,07  | 2,98  | 3,03  |
| Water flow rate system side                 | l/h | 10341 | 11210 | 12357 | 15312 | 20595 | 22716 |
| Pressure drop system side                   | kPa | 32    | 29    | 35    | 33    | 55    | 61    |

(1) Data EN 14511:2018; Heat exchanger water (services side) 12°C / 7°C; outside air 35°C

(2) Data EN 14511:2018; System side water heat exchanger 40 °C / 45 °C; Outside air 7 °C d.b. / 6 °C w.b.

**PERFORMANCE SPECIFICATIONS 23 °C / 18 °C - 30 °C / 35 °C****ANL - (H°)**

| Size  | 292 | 302 | 342 | 402 | 582   | 622   | 652   |
|---|-----|-----|-----|-----|-------|-------|-------|
| <b>Cooling performance 23 °C / 18 °C(1)</b> |     |     |     |     |       |       |       |
| Cooling capacity                            | kW  | -   | -   | -   | 109,8 | 139,5 | 162,5 |
| Input power                                 | kW  | -   | -   | -   | 32,5  | 47,0  | 49,4  |
| Cooling total input current                 | A   | -   | -   | -   | 57,0  | 75,0  | 77,0  |
| EER   | W/W | -   | -   | -   | 3,38  | 2,97  | 3,29  |
| Water flow rate system side                 | l/h | -   | -   | -   | 18998 | 24121 | 28099 |
| Pressure drop system side                   | kPa | -   | -   | -   | 54    | 102   | 98    |
| <b>Heating performance 30 °C / 35 °C(2)</b> |     |     |     |     |       |       |       |
| Heating capacity                            | kW  | -   | -   | -   | 91,7  | 123,4 | 136,1 |
| Input power                                 | kW  | -   | -   | -   | 23,9  | 32,8  | 36,1  |
| Heating total input current                 | A   | -   | -   | -   | 42,0  | 52,0  | 56,0  |
| COP   | W/W | -   | -   | -   | 3,84  | 3,76  | 3,77  |
| Water flow rate system side                 | l/h | -   | -   | -   | 15847 | 21315 | 23510 |
| Pressure drop system side                   | kPa | -   | -   | -   | 35    | 59    | 65    |

(1) Data EN 14511:2018; System side water heat exchanger 23 °C / 18 °C; External air 35 °C

(2) Data EN 14511:2018; System side water heat exchanger 30 °C / 35 °C; External air 7 °C d.b. / 6 °C w.b.

**ANL - (HL)**

| Size  | 292 | 302   | 342   | 402   | 582   | 622   | 652   |
|---|-----|-------|-------|-------|-------|-------|-------|
| <b>Cooling performance 23 °C / 18 °C(1)</b> |     |       |       |       |       |       |       |
| Cooling capacity                            | kW  | 70,5  | 75,5  | 87,3  | 103,7 | 133,0 | 154,7 |
| Input power                                 | kW  | 23,3  | 26,6  | 27,4  | 34,1  | 50,6  | 52,9  |
| Cooling total input current                 | A   | 41,0  | 45,0  | 50,0  | 59,0  | 79,0  | 83,0  |
| EER   | W/W | 3,03  | 2,84  | 3,19  | 3,04  | 2,63  | 2,92  |
| Water flow rate system side                 | l/h | 12189 | 13055 | 15114 | 17945 | 22998 | 26742 |
| Pressure drop system side                   | kPa | 48    | 45    | 57    | 48    | 74    | 89    |
| <b>Heating performance 30 °C / 35 °C(2)</b> |     |       |       |       |       |       |       |
| Heating capacity                            | kW  | 62,0  | 67,1  | 74,0  | 91,7  | 123,4 | 136,1 |
| Input power                                 | kW  | 15,8  | 17,2  | 18,8  | 23,9  | 33,1  | 36,1  |
| Heating total input current                 | A   | 28,0  | 30,0  | 35,0  | 42,0  | 52,0  | 56,0  |
| COP   | W/W | 3,92  | 3,90  | 3,94  | 3,84  | 3,72  | 3,77  |
| Water flow rate system side                 | l/h | 10703 | 11602 | 12789 | 15847 | 21315 | 23510 |
| Pressure drop system side                   | kPa | 34    | 31    | 37    | 35    | 59    | 65    |

(1) Data EN 14511:2018; System side water heat exchanger 23 °C / 18 °C; External air 35 °C

(2) Data EN 14511:2018; System side water heat exchanger 30 °C / 35 °C; External air 7 °C d.b. / 6 °C w.b.

## ENERGY DATA

| Size  |       | 292    | 302    | 342    | 402    | 582    | 622    | 652    |
|---|-------|--------|--------|--------|--------|--------|--------|--------|
| <b>Cooling capacity with low leaving water temp (UE n° 2016/2281)</b>                                 |       |        |        |        |        |        |        |        |
| SEER  | ° W/W | -      | -      | -      | 4,02   | 3,71   | 4,08   | 3,90   |
|   | L W/W | 3,65   | 3,50   | 3,88   | 3,82   | 3,64   | 4,01   | 3,79   |
| <b>UE 811/2013 performance in average ambient conditions (average) - 35 °C - Pdesignh ≤ 70 kW (1)</b> |       |        |        |        |        |        |        |        |
| Pdesignh  | ° kW  | -      | -      | -      | 76     | 103    | 113    | 119    |
|   | L kW  | 51     | 56     | 61     | 76     | 103    | 113    | 119    |
| SCOP  | °     | -      | -      | -      | 3,53   | 3,53   | 3,55   | 3,48   |
|   | L     | 3,58   | 3,60   | 3,60   | 3,53   | 3,53   | 3,55   | 3,48   |
| ηsh   | ° %   | -      | -      | -      | 138,00 | 138,00 | 139,00 | 136,00 |
|   | L %   | 140,00 | 141,00 | 141,00 | 138,00 | 138,00 | 139,00 | 136,00 |
| Efficiency energy class   | °     | -      | -      | -      | -      | -      | -      | -      |
|   | L     | A+     | A+     | A+     | -      | -      | -      | -      |

(1) Efficiencies for low temperature applications (35 °C)

## ELECTRIC DATA

| Size                  |     | 292   | 302   | 342   | 402   | 582   | 622   | 652   |
|-----------------------|-----|-------|-------|-------|-------|-------|-------|-------|
| <b>Electric data</b>  |     |       |       |       |       |       |       |       |
| Maximum current (FLA) | ° A | -     | -     | -     | 65,0  | 98,0  | 107,0 | 116,0 |
|                       | L A | 44,0  | 47,0  | 54,0  | 65,0  | 98,0  | 107,0 | 116,0 |
| Peak current (LRA)    | ° A | -     | -     | -     | 181,0 | 264,0 | 264,0 | 273,0 |
|                       | L A | 126,0 | 128,0 | 160,0 | 181,0 | 264,0 | 264,0 | 273,0 |

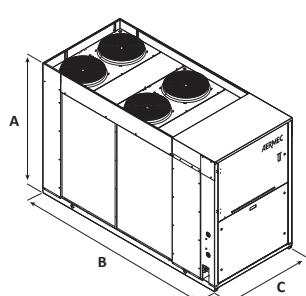
## GENERAL TECHNICAL DATA

| Size   |                     | 292                       | 302                       | 342                       | 402                       | 582                       | 622                       | 652                       |
|--|---------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| <b>Compressor</b>                                |                     |                           |                           |                           |                           |                           |                           |                           |
| Type   | ° type              | -                         | -                         | -                         | Scroll                    | Scroll                    | Scroll                    | Scroll                    |
|  | L type              | Scroll                    |
| <b>Number</b>                                    |                     |                           |                           |                           |                           |                           |                           |                           |
| Number   | ° no.               | -                         | -                         | -                         | 2                         | 2                         | 2                         | 2                         |
|  | L no.               | 2                         | 2                         | 2                         | 2                         | 2                         | 2                         | 2                         |
| <b>Circuits</b>                                  |                     |                           |                           |                           |                           |                           |                           |                           |
| Circuits   | ° no.               | -                         | -                         | -                         | 1                         | 1                         | 1                         | 1                         |
|  | L no.               | 1                         | 1                         | 1                         | 1                         | 1                         | 1                         | 1                         |
| <b>Refrigerant</b>                               |                     |                           |                           |                           |                           |                           |                           |                           |
| Refrigerant                                      | ° type              | -                         | -                         | -                         | R410A                     | R410A                     | R410A                     | R410A                     |
|  | L type              | R410A                     |
| <b>Potential global heating</b>                  |                     |                           |                           |                           |                           |                           |                           |                           |
| Potential global heating                         | ° GWP               | -                         | -                         | -                         | 2088kgCO <sub>2</sub> ,eq | 2088kgCO <sub>2</sub> ,eq | 2088kgCO <sub>2</sub> ,eq | 2088kgCO <sub>2</sub> ,eq |
|  | L GWP               | 2088kgCO <sub>2</sub> ,eq |
| <b>System side heat exchanger</b>                |                     |                           |                           |                           |                           |                           |                           |                           |
| Type   | ° type              | -                         | -                         | -                         | Brazed plate              | Brazed plate              | Brazed plate              | Brazed plate              |
|  | L type              | Brazed plate              |
| Number   | ° no.               | -                         | -                         | -                         | 1                         | 1                         | 1                         | 1                         |
|  | L no.               | 1                         | 1                         | 1                         | 1                         | 1                         | 1                         | 1                         |
| <b>Hydraulic connections</b>                     |                     |                           |                           |                           |                           |                           |                           |                           |
| Connections (in/out)                             | ° Type              | -                         | -                         | -                         | Grooved joints            | Grooved joints            | Grooved joints            | Grooved joints            |
|  | L Type              | Grooved joints            |
| Sizes (in/out)                                   | ° Ø                 | -                         | -                         | -                         | 2 ½"                      | 2 ½"                      | 2 ½"                      | 2 ½"                      |
|  | L Ø                 | 2 ½"                      | 2 ½"                      | 2 ½"                      | 2 ½"                      | 2 ½"                      | 2 ½"                      | 2 ½"                      |
| <b>Fan</b>                                       |                     |                           |                           |                           |                           |                           |                           |                           |
| Type   | ° type              | -                         | -                         | -                         | axials                    | axials                    | axials                    | axials                    |
|  | L type              | axials                    |
| Fan motor  | ° type              | -                         | -                         | -                         | On-Off                    | On-Off                    | On-Off                    | On-Off                    |
|  | L type              | Inverter                  | Inverter                  | Inverter                  | On-Off                    | On-Off                    | On-Off                    | On-Off                    |
| Number   | ° no.               | -                         | -                         | -                         | 2                         | 2                         | 2                         | 2                         |
|  | L no.               | 4                         | 4                         | 6                         | 2                         | 2                         | 2                         | 2                         |
| Air flow rate                                    | ° m <sup>3</sup> /h | -                         | -                         | -                         | 45800                     | 45800                     | 44600                     | 44600                     |
|  | L m <sup>3</sup> /h | 17600                     | 17600                     | 17200                     | 32060                     | 32060                     | 31220                     | 31220                     |
| <b>Sound data calculated in cooling mode (1)</b> |                     |                           |                           |                           |                           |                           |                           |                           |
| Sound power level                                | ° dB(A)             | -                         | -                         | -                         | 89,0                      | 89,0                      | 89,0                      | 89,0                      |
|  | L dB(A)             | 73,0                      | 74,0                      | 74,0                      | 83,0                      | 84,0                      | 85,0                      | 85,0                      |
| Sound pressure level (10 m)                      | ° dB(A)             | -                         | -                         | -                         | 57,6                      | 67,6                      | 57,6                      | 57,6                      |
|  | L dB(A)             | 41,7                      | 42,4                      | 42,6                      | 51,5                      | 52,1                      | 52,7                      | 53,4                      |

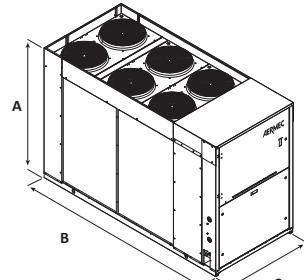
(1) Sound power calculated on the basis of measurements made in accordance with UNI EN ISO 9614-2, as required for Eurovent certification. Sound pressure (cold functioning) measured in free field, 10m away from the unit external surface (in compliance with UNI EN ISO 3744).

## DIMENSIONS

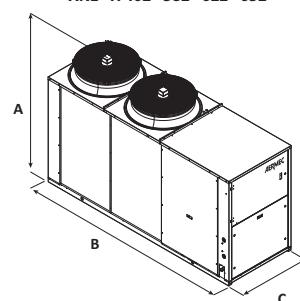
ANL - H 292-302



ANL - H 342



ANL - H 402 - 582 - 622 - 652



| Size                          | 292  | 302  | 342  | 402  | 582  | 622  | 652  |
|-------------------------------|------|------|------|------|------|------|------|
| <b>Dimensions and weights</b> |      |      |      |      |      |      |      |
| A                             | ° mm | -    | -    | -    | 1875 | 1875 | 1875 |
|                               | L mm | 1605 | 1605 | 1605 | 1875 | 1875 | 1875 |
| <b>B</b>                      |      |      |      |      |      |      |      |
|                               | ° mm | -    | -    | -    | 2950 | 3200 | 3200 |
|                               | L mm | 2450 | 2450 | 2450 | 2950 | 3200 | 3200 |
| <b>C</b>                      |      |      |      |      |      |      |      |
|                               | ° mm | -    | -    | -    | 1100 | 1100 | 1100 |
|                               | L mm | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 |
| <b>Empty weight</b>           |      |      |      |      |      |      |      |
|                               | ° kg | -    | -    | -    | 808  | 902  | 1008 |
|                               | L kg | 655  | 660  | 684  | 808  | 902  | 1008 |
|                               |      |      |      |      | 1053 |      |      |

Aermec reserves the right to make any modifications deemed necessary.  
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