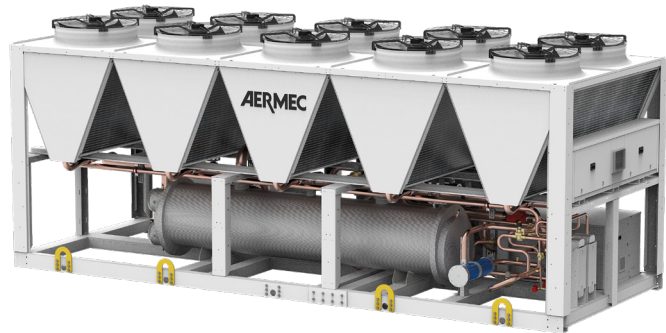


# TBA 1300-4325

## Air-water chiller

Cooling capacity 328 ÷ 1404 kW

- High efficiency also at partial loads
- Microchannel coil
- Low peak current (only 6 Amps!)
- Evaporator with low refrigerant charge
- Available also R513A (XP10) refrigerant gas



### DESCRIPTION

Air-cooled chiller designed to meet air conditioning needs in residential / commercial complexes or industrial applications. These are outdoor units with oil free centrifugal compressor, axial fans, micro-channel coils, and shell and tube heat exchangers. The base, the structure and the panels are made of steel treated with polyester paint RAL 9003.

### VERSIONS

- A** High efficiency
- E** Silenced high efficiency
- N** Silenced very high efficiency
- U** Very high efficiency

### FEATURES

#### Operating field

Operation at full load up to 43°C external air temperature depending on size and version. For further details refer to the selection software/ technical documentation.

#### Units mono or dual-circui

The units according to the size are mono or dual-circuit, to ensure maximum efficiency both at full load and at partial load.

#### Oil free centrifugal compressor

Two-stage oil-free centrifugal compressor with magnetic levitation and inverter.

#### Compressor features:

- Operates without oil as bearings are magnetic levitation type
- Continuous load modulation by varying rpm (from 30% to 100%)
- Low peak currents (only 6 Amps!)

#### Aluminium microchannel coils

The whole range uses microchannel condenser coils allowing reduction of refrigerant charge but keeping the same high efficiency.

#### Integrated hydronic kit

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

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

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

Further features:

- Possibility to control two units in a Master-Slave configuration
- The presence of a programmable timer allows functioning time periods and a possible second set-point to be set.
- The temperature control takes place with the integral proportional logic, based on the water output temperature.

## ACCESSORIES

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

**AER485P1 x n° 2:** RS-485 interface for supervision systems with MODBUS protocol.

**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.

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

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

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

## FACTORY FITTED ACCESSORIES

**XLATB:** This kit allows to extend the working range of the unit from 0 °C to -10 °C ambient temperature, thanks to an additional electric heater and a special insulating material for the heat exchanger.

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

## ACCESSORIES COMPATIBILITY

| Model               | 1300 | 1350 | 2300 | 2325 | 2350 | 3300 | 3320 | 3340 | 3350 | 4325 |
|---------------------|------|------|------|------|------|------|------|------|------|------|
| AER485P1            | .    | .    | .    | .    | .    | .    | .    | .    | .    | .    |
| AER485P1 x n° 2 (1) |      |      |      | .    |      |      | .    |      |      | .    |
| AERNET              | .    | .    | .    | .    | .    | .    | .    | .    | .    | .    |
| MULTICHILLER_EVO    | .    | .    | .    | .    | .    | .    | .    | .    | .    | .    |
| PGD1                | .    | .    | .    | .    | .    | .    | .    | .    | .    | .    |

(1) x Indicates the quantity of accessories to match.

### Antivibration

| Ver     | 1300    | 1350    | 2300    | 2325    | 2350    | 3300    | 3320    | 3340    | 3350    | 4325    |
|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| A,E,N,U | AVX (1) | AVX (1) | AVX (1) | AVX (1) | AVX (1) | AVX (1) | AVX (1) | AVX (1) | AVX (1) | AVX (1) |

(1) Contact us.

### Kit low temperature

| Ver | 1300   | 1350   | 2300   | 2325   | 2350   | 3300   | 3320   | 3340   | 3350   | 4325   |
|-----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| A,E | XLATB1 | XLATB3 | XLATB5 | XLATB6 | XLATB7 | XLATB6 | XLATB7 | XLATB7 | XLATB8 | XLATB8 |
| N,U | XLATB2 | XLATB5 | XLATB5 | XLATB5 | XLATB7 | XLATB6 | XLATB6 | XLATB7 | XLATB8 | XLATB8 |

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

### Anti-intrusion grid

| Ver | 1300 | 1350 | 2300 | 2325 | 2350 | 3300 | 3320  | 3340  | 3350  | 4325  |
|-----|------|------|------|------|------|------|-------|-------|-------|-------|
| A,E | GP3T | GP4T | GP5T | GP6T | GP7T | GP8T | GP9T  | GP10T | GP10T | GP11T |
| N,U | GP3T | GP4T | GP6T | GP7T | GP8T | GP9T | GP10T | GP11T | GP11T | GP11T |

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

## CONFIGURATOR

| Field   | Description   |
|---------|---|
| 1,2,3   | TBA   |
| 4,5,6,7 | <b>Size</b><br>1300, 1350, 2300, 2325, 2350, 3300, 3320, 3340, 3350, 4325 |
| 8       | <b>Model</b>  |
| °       | Cooling only  |
| 9       | <b>Heat recovery</b>  |
| °       | Without heat recovery   |
| 10      | <b>Version</b>  |
| A       | High efficiency   |
| E       | Silenced high efficiency  |
| N       | Silenced very high efficiency   |
| U       | Very high efficiency  |
| 11      | <b>Coils</b>  |
| °       | Alluminium microchannel   |
| O       | Painted alluminium microchannel   |
| R       | Copper-copper   |
| S       | Copper-Tinned copper  |
| V       | Copper-painted aluminium  |
| 12      | <b>Fans</b>   |
| J       | Inverter  |
| 13      | <b>Power supply</b>   |
| °       | 400V ~ 3 50Hz with magnet circuit breakers                                |
| 14,15   | <b>Integrated hydronic kit (1)</b>  |
| 00      | Without hydronic kit  |
| PA      | Pump A  |
| PB      | Pump B  |
| PC      | Pump C  |
| PD      | Pump D  |
| PE      | Pump E  |
| PF      | Pump F  |
| PG      | Pump G  |
| PH      | Pump H  |
| PI      | Pump I  |
| PJ      | Pump J  |
| DA      | Pump A + stand-by pump  |
| DB      | Pump B + stand-by pump  |
| DC      | Pump C + stand-by pump  |
| DD      | Pump D + stand-by pump  |
| DE      | Pump E + stand-by pump  |
| DF      | Pump F + stand-by pump  |
| DG      | Pump G + stand-by pump  |
| DH      | Pump H + stand-by pump  |
| DI      | Pump I + stand-by pump  |

| Field | Description   |
|-------|---|
| DJ    | Pump J + stand-by pump  |
| IA    | Pump A equipped with inverter device to work at fixed speed                       |
| IB    | Pump B equipped with inverter device to work at fixed speed                       |
| IC    | Pump C equipped with inverter device to work at fixed speed                       |
| ID    | Pump D equipped with inverter device to work at fixed speed                       |
| IE    | Pump E equipped with inverter device to work at fixed speed                       |
| IF    | Pump F equipped with inverter device to work at fixed speed                       |
| IG    | Pump G equipped with inverter device to work at fixed speed                       |
| IH    | Pump H equipped with inverter device to work at fixed speed                       |
| II    | Pump I equipped with inverter device to work at fixed speed                       |
| IJ    | Pump J equipped with inverter device to work at fixed speed                       |
| JA    | Pump A + stand-by pump, both equipped with inverter device to work at fixed speed |
| JB    | Pump B + stand-by pump, both equipped with inverter device to work at fixed speed |
| JC    | Pump C + stand-by pump, both equipped with inverter device to work at fixed speed |
| JD    | Pump D + stand-by pump, both equipped with inverter device to work at fixed speed |
| JE    | Pump E + stand-by pump, both equipped with inverter device to work at fixed speed |
| JF    | Pump F + stand-by pump, both equipped with inverter device to work at fixed speed |
| JG    | Pump G + stand-by pump, both equipped with inverter device to work at fixed speed |
| JH    | Pump H + stand-by pump, both equipped with inverter device to work at fixed speed |
| JI    | Pump I + stand-by pump, both equipped with inverter device to work at fixed speed |
| JJ    | Pump J + stand-by pump, both equipped with inverter device to work at fixed speed |
| KF    | Doble pump F with inverter device to work at fixed speed                          |
| KG    | Doble pump G with inverter device to work at fixed speed                          |
| KH    | Doble pump H with inverter device to work at fixed speed                          |
| KI    | Doble pump I with inverter device to work at fixed speed                          |
| KJ    | Doble pump J with inverter device to work at fixed speed                          |
| TF    | Double pump F   |
| TG    | Double pump G   |
| TH    | Double pump H   |
| TI    | Double pump I   |
| TJ    | Double pump J   |
| 16    | <b>Refrigerant gas</b>  |
| °     | R134a   |
| G     | R513A (XP10)  |

(1) For all configurations including pump J please contact the factory

## PERFORMANCE SPECIFICATIONS

### TBA - (A)

| Size  |     | 1300  | 1350  | 2300   | 2325   | 2350   | 3300   | 3320   | 3340   | 3350   | 4325   |
|---|-----|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| <b>Cooling performance 12 °C / 7 °C (1)</b> |     |       |       |        |        |        |        |        |        |        |        |
| Cooling capacity                            | kW  | 330,7 | 437,3 | 633,9  | 741,5  | 871,9  | 974,8  | 1087,0 | 1155,9 | 1256,9 | 1404,1 |
| Input power                                 | kW  | 95,3  | 125,9 | 183,0  | 214,9  | 254,8  | 279,5  | 314,9  | 334,9  | 369,1  | 413,3  |
| Cooling total input current                 | A   | 150,7 | 200,9 | 286,2  | 346,4  | 416,6  | 446,9  | 502,1  | 547,3  | 592,3  | 667,6  |
| EER   | W/W | 3,47  | 3,47  | 3,46   | 3,45   | 3,42   | 3,49   | 3,45   | 3,45   | 3,41   | 3,40   |
| Water flow rate system side                 | l/h | 56903 | 75228 | 109011 | 127504 | 149890 | 167604 | 186876 | 198728 | 216075 | 241381 |
| Pressure drop system side                   | kPa | 60    | 55    | 48     | 42     | 30     | 52     | 45     | 54     | 36     | 42     |

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

### TBA - (E)

| Size  |     | 1300  | 1350  | 2300   | 2325   | 2350   | 3300   | 3320   | 3340   | 3350   | 4325   |
|---|-----|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| <b>Cooling performance 12 °C / 7 °C (1)</b> |     |       |       |        |        |        |        |        |        |        |        |
| Cooling capacity                            | kW  | 330,7 | 437,3 | 633,9  | 741,5  | 871,9  | 974,8  | 1087,0 | 1155,9 | 1256,9 | 1404,1 |
| Input power                                 | kW  | 95,3  | 125,9 | 183,0  | 214,9  | 254,8  | 279,5  | 314,9  | 334,9  | 369,1  | 413,3  |
| Cooling total input current                 | A   | 150,7 | 200,9 | 286,2  | 346,4  | 416,6  | 446,9  | 502,1  | 547,3  | 592,3  | 667,6  |
| EER   | W/W | 3,47  | 3,47  | 3,46   | 3,45   | 3,42   | 3,49   | 3,45   | 3,45   | 3,41   | 3,40   |
| Water flow rate system side                 | l/h | 56903 | 75228 | 109011 | 127504 | 149890 | 167604 | 186876 | 198728 | 216075 | 241381 |
| Pressure drop system side                   | kPa | 60    | 55    | 48     | 42     | 30     | 52     | 45     | 54     | 36     | 42     |

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

## TBA - (U)

| Size  |     | 1300  | 1350  | 2300   | 2325   | 2350   | 3300   | 3320   | 3340   | 3350   | 4325   |
|---|-----|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| <b>Cooling performance 12 °C / 7 °C (1)</b> |     |       |       |        |        |        |        |        |        |        |        |
| Cooling capacity                            | kW  | 328,1 | 443,8 | 633,5  | 758,5  | 876,4  | 985,0  | 1088,0 | 1154,9 | 1256,9 | 1342,4 |
| Input power                                 | kW  | 92,3  | 124,4 | 178,8  | 213,2  | 245,5  | 275,4  | 306,8  | 326,3  | 358,1  | 386,6  |
| Cooling total input current                 | A   | 145,7 | 200,9 | 281,4  | 341,6  | 401,9  | 437,1  | 487,3  | 522,6  | 582,6  | 627,6  |
| EER   | W/W | 3,56  | 3,57  | 3,54   | 3,56   | 3,57   | 3,58   | 3,55   | 3,54   | 3,51   | 3,47   |
| Water flow rate system side                 | l/h | 56452 | 76308 | 108940 | 130424 | 150669 | 169356 | 187070 | 198556 | 216075 | 230760 |
| Pressure drop system side                   | kPa | 51    | 25    | 49     | 50     | 30     | 53     | 56     | 53     | 36     | 38     |

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

## TBA - (N)

| Size  |     | 1300  | 1350  | 2300   | 2325   | 2350   | 3300   | 3320   | 3340   | 3350   | 4325   |
|---|-----|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| <b>Cooling performance 12 °C / 7 °C (1)</b> |     |       |       |        |        |        |        |        |        |        |        |
| Cooling capacity                            | kW  | 328,1 | 443,8 | 633,5  | 758,5  | 876,4  | 985,0  | 1088,0 | 1154,9 | 1256,9 | 1342,4 |
| Input power                                 | kW  | 92,3  | 124,4 | 178,8  | 213,2  | 245,5  | 275,4  | 306,8  | 326,3  | 358,1  | 386,6  |
| Cooling total input current                 | A   | 145,7 | 200,9 | 281,4  | 341,6  | 401,9  | 437,1  | 487,3  | 522,6  | 582,6  | 627,6  |
| EER   | W/W | 3,56  | 3,57  | 3,54   | 3,56   | 3,57   | 3,58   | 3,55   | 3,54   | 3,51   | 3,47   |
| Water flow rate system side                 | l/h | 56452 | 76308 | 108940 | 130424 | 150669 | 169356 | 187070 | 198556 | 216075 | 230760 |
| Pressure drop system side                   | kPa | 51    | 25    | 49     | 50     | 30     | 53     | 56     | 53     | 36     | 38     |

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

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

| Size  |     |     | 1300   | 1350   | 2300   | 2325   | 2350   | 3300   | 3320   | 3340   | 3350   | 4325   |
|---|-----|-----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| <b>SEER - (EN14825:2018) 12/7 with inverter fans (1)</b>              |     |     |        |        |        |        |        |        |        |        |        |        |
| SEER  | A,E | W/W | 5,15   | 5,23   | 5,48   | 5,25   | 5,54   | 5,54   | 5,51   | 5,49   | 5,57   | 5,35   |
|   | N,U | W/W | 5,35   | 5,41   | 5,60   | 5,48   | 5,76   | 5,80   | 5,62   | 5,71   | 5,73   | 5,62   |
| Seasonal efficiency   | A,E | %   | 203,1% | 206,0% | 216,0% | 206,8% | 218,4% | 218,4% | 217,5% | 216,5% | 219,8% | 211,0% |
|   | N,U | %   | 211,0% | 213,5% | 221,0% | 216,1% | 227,3% | 229,1% | 221,9% | 225,4% | 226,3% | 221,6% |
| <b>SEPR - (EN14825: 2018) High temperature with inverter fans (2)</b> |     |     |        |        |        |        |        |        |        |        |        |        |
| SEPR  | A,E | W/W | 6,31   | 6,65   | 6,11   | 6,32   | 6,41   | 6,13   | 6,26   | 6,33   | 6,28   | 6,12   |
|   | N,U | W/W | 6,47   | 6,61   | 6,52   | 6,80   | 6,49   | 6,62   | 6,57   | 6,50   | 6,47   | 6,40   |

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

(2) Calculation performed with FIXED water flow rate.

## ELECTRIC DATA

| Size                  |     |   | 1300  | 1350  | 2300  | 2325  | 2350  | 3300  | 3320  | 3340  | 3350  | 4325  |
|-----------------------|-----|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| <b>Electric data</b>  |     |   |       |       |       |       |       |       |       |       |       |       |
| Maximum current (FLA) | A,E | A | 165,0 | 249,0 | 319,0 | 404,0 | 488,0 | 483,0 | 568,0 | 727,0 | 727,0 | 797,0 |
|                       | N,U | A | 165,0 | 249,0 | 329,0 | 413,0 | 498,0 | 493,0 | 577,0 | 737,0 | 737,0 | 797,0 |
| Peak current (LRA)    | A,E | A | 36,0  | 45,0  | 200,0 | 210,0 | 305,0 | 374,0 | 470,0 | 565,0 | 565,0 | 720,0 |
|                       | N,U | A | 36,0  | 45,0  | 210,0 | 305,0 | 315,0 | 384,0 | 479,0 | 575,0 | 575,0 | 720,0 |

## GENERAL TECHNICAL DATA

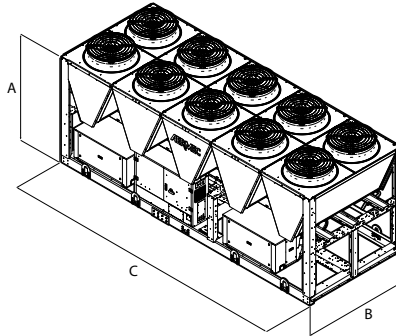
| Size                              |         |                   | 1300           | 1350   | 2300   | 2325   | 2350   | 3300   | 3320   | 3340   | 3350   | 4325   |
|-----------------------------------|---------|-------------------|----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| <b>Compressor</b>                 |         |                   |                |        |        |        |        |        |        |        |        |        |
| Type                              | A,E,N,U | type              | Centrifugal    |        |        |        |        |        |        |        |        |        |
| Compressor regulation             | A,E,N,U | Type              | Inverter       |        |        |        |        |        |        |        |        |        |
| Number                            | A,E,N,U | no.               | 1              | 1      | 2      | 2      | 2      | 3      | 3      | 3      | 3      | 4      |
| Circuits                          | A,E,N,U | no.               | 1              | 1      | 1      | 2      | 1      | 1      | 2      | 1      | 1      | 2      |
| Refrigerant                       | A,E,N,U | type              | R134a          |        |        |        |        |        |        |        |        |        |
| Refrigerant charge                | A,E     | kg                | 81,0           | 166,0  | 152,0  | 243,0  | 285,0  | 264,0  | 306,0  | 317,0  | 387,0  | 398,0  |
|                                   | N,U     | kg                | 81,0           | 166,0  | 163,0  | 254,0  | 296,0  | 275,0  | 317,0  | 328,0  | 398,0  | 398,0  |
| <b>System side heat exchanger</b> |         |                   |                |        |        |        |        |        |        |        |        |        |
| Type                              | A,E,N,U | type              | Shell and tube |        |        |        |        |        |        |        |        |        |
| Number                            | A,E,N,U | no.               | 1              | 1      | 1      | 1      | 1      | 1      | 1      | 1      | 1      | 1      |
| <b>Hydraulic connections</b>      |         |                   |                |        |        |        |        |        |        |        |        |        |
| Connections (in/out)              | A,E,N,U | Type              | Grooved joints |        |        |        |        |        |        |        |        |        |
| Sizes (in/out)                    | A,E     | Ø                 | 3"             | 4"     | 6"     | 6"     | 6"     | 6"     | 6"     | 6"     | 8"     | 8"     |
|                                   | N,U     | Ø                 | 6"             | 6"     | 6"     | 6"     | 6"     | 6"     | 6"     | 6"     | 8"     | 8"     |
| <b>Fan</b>                        |         |                   |                |        |        |        |        |        |        |        |        |        |
| Type                              | A,E,N,U | type              | axials         |        |        |        |        |        |        |        |        |        |
| Fan motor                         | A,E,N,U | type              | Inverter       |        |        |        |        |        |        |        |        |        |
| Number                            | A,E     | no.               | 6              | 8      | 10     | 12     | 14     | 16     | 18     | 20     | 20     | 22     |
|                                   | N,U     | no.               | 6              | 8      | 12     | 14     | 16     | 18     | 20     | 22     | 22     | 22     |
| Air flow rate                     | A,E     | m <sup>3</sup> /h | 112920         | 150560 | 188200 | 225840 | 263480 | 301120 | 338760 | 376400 | 376400 | 414040 |
|                                   | N,U     | m <sup>3</sup> /h | 112920         | 150560 | 225840 | 263480 | 301120 | 338760 | 376400 | 414040 | 414040 | 414040 |

## SOUND DATA

| Size   |   |       | 1300 | 1350 | 2300 | 2325 | 2350 | 3300 | 3320 | 3340 | 3350 | 4325 |
|--|---|-------|------|------|------|------|------|------|------|------|------|------|
| <b>Sound data calculated in cooling mode (1)</b> |   |       |      |      |      |      |      |      |      |      |      |      |
| Sound power level                                | A | dB(A) | 88,3 | 89,9 | 90,8 | 92,5 | 93,0 | 92,8 | 93,9 | 95,3 | 95,3 | 95,3 |
|  | E | dB(A) | 82,3 | 83,9 | 84,8 | 86,5 | 87,0 | 86,8 | 87,9 | 89,3 | 89,3 | 89,3 |
|  | N | dB(A) | 82,3 | 84,0 | 85,3 | 86,8 | 87,1 | 87,1 | 88,1 | 89,5 | 89,5 | 89,3 |
|  | U | dB(A) | 88,3 | 90,0 | 91,3 | 92,8 | 93,1 | 93,1 | 94,1 | 95,5 | 95,5 | 95,3 |
| Sound pressure level (10 m)                      | A | dB(A) | 56,1 | 57,5 | 58,3 | 59,9 | 60,2 | 59,9 | 60,9 | 62,2 | 62,2 | 62,1 |
|  | E | dB(A) | 50,1 | 51,5 | 52,3 | 53,9 | 54,2 | 53,9 | 54,9 | 56,2 | 56,2 | 56,1 |
|  | N | dB(A) | 50,1 | 51,6 | 52,7 | 54,0 | 54,2 | 54,1 | 55,0 | 56,3 | 56,3 | 56,1 |
|  | U | dB(A) | 56,1 | 57,6 | 58,7 | 60,0 | 60,2 | 60,1 | 61,0 | 62,3 | 62,3 | 62,1 |

(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



| Size                               |         |    | 1300 | 1350 | 2300 | 2325 | 2350 | 3300  | 3320  | 3340  | 3350  | 4325  |
|------------------------------------|---------|----|------|------|------|------|------|-------|-------|-------|-------|-------|
| <b>Dimensions and weights</b>      |         |    |      |      |      |      |      |       |       |       |       |       |
| A                                  | A,E,N,U | mm | 2450 | 2450 | 2450 | 2450 | 2450 | 2450  | 2450  | 2450  | 2450  | 2450  |
| B                                  | A,E,N,U | mm | 2200 | 2200 | 2200 | 2200 | 2200 | 2200  | 2200  | 2200  | 2200  | 2200  |
| C                                  | A,E     | mm | 3570 | 4760 | 5950 | 7140 | 8330 | 9520  | 10710 | 11900 | 11900 | 13090 |
|                                    | N,U     | mm | 3570 | 4760 | 7140 | 8330 | 9520 | 10710 | 11900 | 13090 | 13090 | 13090 |
| <b>Integrated hydronic kit: 00</b> |         |    |      |      |      |      |      |       |       |       |       |       |
| <b>Weights</b>                     |         |    |      |      |      |      |      |       |       |       |       |       |
| Empty weight                       | A       | kg | 2770 | 3480 | 4500 | 5550 | 6390 | 6760  | 7950  | 8240  | 8600  | 9700  |
|                                    | E       | kg | 2850 | 3590 | 4630 | 5720 | 6580 | 6980  | 8190  | 8510  | 8870  | 10000 |
|                                    | N       | kg | 2880 | 3810 | 5120 | 5950 | 7060 | 7430  | 8200  | 8950  | 9320  | 10000 |
|                                    | U       | kg | 2800 | 3700 | 4950 | 5760 | 6840 | 7180  | 7920  | 8650  | 9010  | 9700  |
| Weight functioning                 | A       | kg | 2840 | 3560 | 4630 | 5730 | 6650 | 6960  | 8210  | 8500  | 8940  | 9990  |
|                                    | E       | kg | 2920 | 3670 | 4760 | 5900 | 6840 | 7180  | 8450  | 8770  | 9210  | 10290 |
|                                    | N       | kg | 2960 | 3940 | 5250 | 6100 | 7320 | 7630  | 8410  | 9210  | 9660  | 10290 |
|                                    | U       | kg | 2880 | 3830 | 5080 | 5910 | 7100 | 7380  | 8130  | 8910  | 9350  | 9990  |

Aermec reserves the right to make any modifications deemed necessary. All data is subject to change without notice. Aermec does not assume responsibility or liability for errors or omissions.

**Aermec S.p.A.**

Via Roma, 996 - 37040 Bevilacqua (VR) - Italia  
Tel. 0442633111 - Telefax 044293577  
www.aermec.com