



# Z400 iQ

Heating > Heatpump > Z400 iQ

## > Z400 IQ HEAT PUMP

### Elegant and Discrete

With its sleek and modern design the Z400 iQ heat pump fits perfectly with its environments.



### UNIQUE DESIGN

With its sleek lines and two available colours, the Z400 disappears elegantly into your pool's surroundings.



**SILENCE**

### QUIET AND DISCRETE

Thanks to its SILENCE mode and vertical air outlet, the Z400 is a discrete heat pump, helping you forget it's there even in the smallest of gardens.



### BUILT-IN WI-FI<sup>1</sup>

With your smartphone, you can remotely set and consult Z400 iQ heat pump's different modes of operation.

<sup>1</sup>iAquaLink™ app availability during the 2019 pool season



Aluminium grey  
RAL 9007

Beige grey  
RAL 7006





# HEAT PUMPS



**FREE AREA FOOTPRINT  
REDUCED BY 70%<sup>2</sup>**



**NOISE EMISSION DIVIDED  
BY 2 IN SILENCE MODE<sup>3</sup>**

<sup>2</sup> Compared to Z300 heat pump  
<sup>3</sup> Compared to BOOST mode



# Z400 iQ

Heating > Heatpump > Z400 iQ

- + Unique design
- + Quiet & discrete
- + Embedded connectivity



**3 YEAR**  
WARRANTY

**5 YEAR**  
CONDENSER  
WARRANTY  
ANTI-CORROSION



(waiting for certification)

Product offered for sale on the «pool dealer» channel

|                           | Z400 MD4 | Z400 MD5 | Z400 MD7 | Z400 TD7 | Z400 MD8 | Z400 TD8 | Z400 MD9 | Z400 TD9 |
|---------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| <b>PRODUCT REFERENCE</b>  |          |          |          |          |          |          |          |          |
| Aluminium Grey (RAL 7006) | WH000287 | WH000289 | WH000291 | WH000293 | WH000295 | WH000297 | WH000299 | WH000301 |
| Beige Grey (RAL 9007)     | WH000288 | WH000290 | WH000292 | WH000294 | WH000296 | WH000298 | WH000300 | WH000302 |

| <b>ACCESSORIES INCLUDED IN THE PACK</b>   |   |  |   |
|---|---|--|---|
|  |  |  |  |
| Winter cover  | PVC fittings 1/2 unions 50  | Adjustable, anti-vibrations feet   | Free App***   |

| <b>EQUIPMENTS</b>  |  |
|--|--|
| <ul style="list-style-type: none"> <li>• Vertical air outlet</li> <li>• Polypropylene and galvanized steel, epoxy painted (body) or pre-painted (front panel)</li> <li>• Digital display</li> <li>• Heating priority mode (filtration pump control)</li> <li>• 2-speed fan with Silence mode (automatic or manual)</li> <li>• Embedded wi-fi with dedicated app<sup>1</sup></li> <li>• Automatic cooling mode</li> </ul> | <ul style="list-style-type: none"> <li>• Automatic defrosting (cycle inversion or forced ventilation)</li> <li>• Anti-freeze thermostat (minimum operating temperature: -12°C)</li> <li>• HP &amp; LP safety pressure switch</li> <li>• Water flow switch</li> <li>• Titanium water exchanger condenser</li> <li>• Rotary vane compressor</li> <li>• Electronic expansion valve</li> <li>• Refrigerant fluid: R410A</li> </ul> |

| <b>PERFORMANCE: AIR 28°C / WATER 28°C / HUMID. 80%</b> |     |      |      |      |      |
|--|-----|------|------|------|------|
| Puissance restituée (kW)                               | 9,5 | 13,6 | 17,0 | 21,1 | 24,4 |
| Puissance consommée (kW)                               | 1,6 | 2,5  | 3,2  | 3,9  | 4,5  |
| COP moyen  | 5,8 | 5,54 |      | 5,4  |      |

| <b>PERFORMANCE: AIR 15°C / WATER 26°C / HUMID. 70% NF MARK</b> |      |     |                     |                     |                     |
|--|------|-----|---------------------|---------------------|---------------------|
| Puissance restituée (kW)                                       | 7    | 9,7 | 12,1 <sup>(1)</sup> | 15,0 <sup>(1)</sup> | 17,4 <sup>(1)</sup> |
| Puissance consommée (kW)                                       | 1,5  | 2,3 | 2,9 <sup>(1)</sup>  | 3,6 <sup>(1)</sup>  | 4,1 <sup>(1)</sup>  |
| COP moyen  | 4,55 | 4,3 |                     | 4,2 <sup>(1)</sup>  |                     |

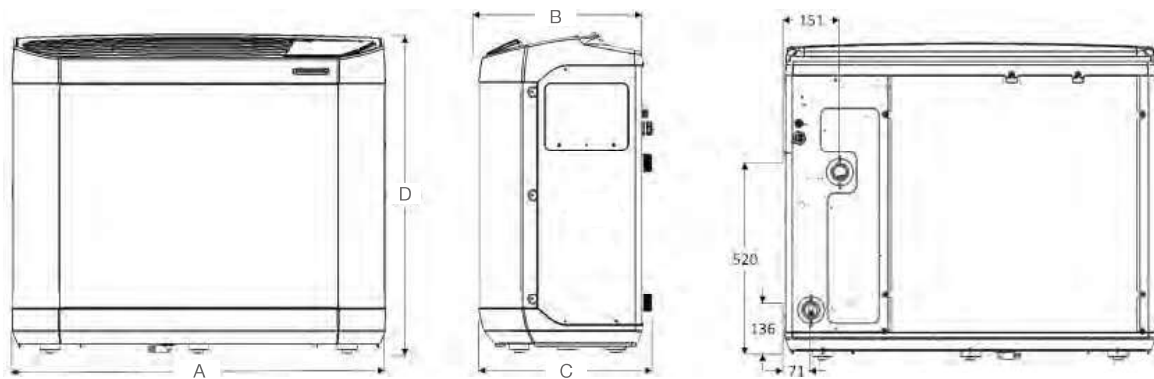
| <b>TECHNICAL SPECIFICATIONS</b>                    |                           |         |         |                 |                  |                 |                 |                 |
|--|---------------------------|---------|---------|-----------------|------------------|-----------------|-----------------|-----------------|
| Recommended pool volume* (m <sup>3</sup> )         | 30-50                     | 40-75   | 50-80   | 75-110          | 80-120           |                 |                 |                 |
| Average water flow (m <sup>3</sup> /h)             | 4                         | 5       | 6       | 7               | 8                |                 |                 |                 |
| Hydraulic connection                               | PVC 1/2union, Ø 50, glued |         |         |                 |                  |                 |                 |                 |
| Electric power supply                              | 230V / 1 / 50Hz           |         |         | 400V / 3 / 50Hz | 230V / 1 / 50Hz  | 400V / 3 / 50Hz | 230V / 1 / 50Hz | 400V / 3 / 50Hz |
| Nominal operating power (A)                        | 10                        | 11      | 13      | 6,4             | 16,5             | 13,9            | 18,6            | 9,1             |
| Maximum operating power (A)                        | 14,5                      | 16      | 18,9    | 9,3             | 24               | 11,5            | 27,1            | 13,2            |
| Power cable size (not included)**                  | 3x2,5                     |         | 3x4     | 5x2,5           | 3x6              | 5x2,5           | 3x6             | 5x2,5           |
| Refrigerant fluid quantity (g)                     | 1,2                       | 1,3     | 1,45    | 1,8             |                  |                 |                 |                 |
| Acoustic power (dB(A) mode Boost / Silent)         | 64 / 61                   | 65 / 63 | 66 / 63 | 68 / 66         | under validation |                 |                 |                 |
| Acoustic power at 10 m (dB(A) mode Boost / Silent) | 36 / 33                   | 37 / 35 | 38 / 35 | 40 / 38         | under validation |                 |                 |                 |

<sup>(1)</sup> : Datas waiting for certification

ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

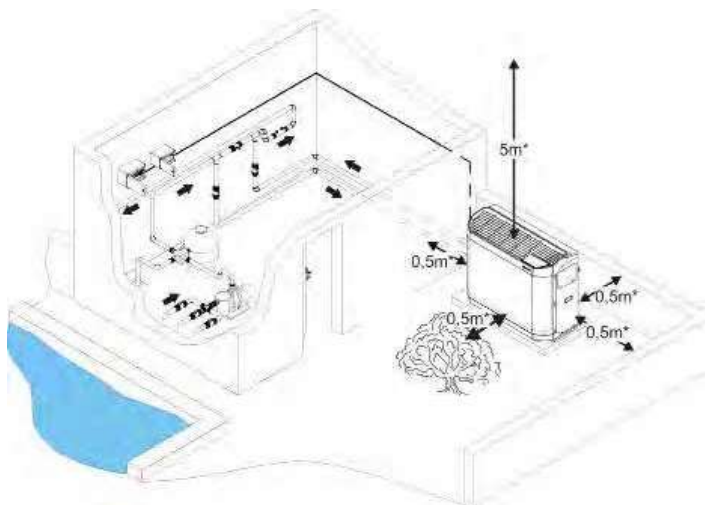
## DIMENSIONS (MM) AND WEIGHT

|             | Z400 MD4 | Z400 MD5 | Z400 MD7 | Z400 TD7 | Z400 MD8 | Z400 TD8 | Z400 MD9 | Z400 TD9 |
|-------------|----------|----------|----------|----------|----------|----------|----------|----------|
| Weight (kg) | 70       | 71       | 90       | 94       | 105      | 105      | 110      | 110      |
| A           | 1030     |          |          |          | 1145     |          |          |          |
| D           | 880      |          | 1027     |          |          |          |          |          |
| B           | 450      |          |          |          | 480      |          |          |          |
| C           | 479      |          |          |          | 509      |          |          |          |



## INSTALLATION

- Outside, close to the technical room, at sufficient distance from the pool (according to applicable electrical standards).
- On a stable, solid and level surface
- Between the heat pump and its surroundings (walls, plants, etc.), maintain minimum distances as shown in the diagram below.



## OPTIONAL ACCESSORIES

|                     |   |   |
|---------------------|---|---|
|                     |  |          |
|                     | Winter cover  | Cleaning kit HP   |
|                     | Tailored, micro-perforated cover  | Specifically formulated for evaporator cleaning.<br>Kit includes an 5l can and a spray bottle |
| reference           | R0839800  | WMA03491  |
| <b>ex VAT Price</b> | <b>87,22 €</b>  | <b>104,04 €</b>   |

\*Estimated average values for a private pool with isothermal cover, from 15 May to 15 September. For year-round / indoor pool operation, check out the Bilpi sizing tool on your pro page.

\*\*For a maximum length of 20 meters.

\*\*\*iAqualink app available during season 2019