HEATING COOLING

ZODIAC®

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ZODIAC®

POOL HEATING

SWIMMING POOL HEATING SOLUTIONS1

Different heating solutions

To inform

"Protecting the pool with an isothermal cover reduces the power requirement for heating by half!"

"In conclusion, if 12kW is required to heat a pool without an isothermal blanket, then 6kW is sufficient to heat the same pool with an isothermal blanket."

"Using the heat pump on the hottest days will allow it to maximize its performance (and thus minimize electricity consumption). Heating your pool on hot, sunny days and covering it with an isothermal blanket at night is the best solution!"

"Covering the pool with an isothermal blanket at night (or when the outside air temperature is lower) will slow down the drop in pool temperature."

> HEATER SELECTION CRITERIA

Many parameters need to be considered in defining a suitable system for a pool. The most important parameters (but not exhaustive) are as follows:

1. Average air temperature (°C)
2. Desired pool water temperature 1 (° C)
3. Usage period
4. Pool volume (m^3)
5. Use or non-use of an isothermal blanket
6. Filtration time

Online Zodiac configurators are available to take into account all the parameters that affect the sizing of a heating system:

Visit our website designed for pool professionals: https://pro.zodiac-poolcare.com/

"For general use, visit our Zodiac website with a simplified and user-friendly interface: https://www.zodiac-poolcare.co.uk/ Maximum comfort at a lower cost."

The choice of heating equipment also depends on the energy source to be used.

COMPARISON TABLE

	Heat Pumps	Electric Heaters	Heat exchangers
Solution	Ba 1ms1z, private use of the pool	Ba 1ms1z, private use of the pool	The house is connected to the heating source.
Energy usage	Electric	Electric	The house's heating source is natural gas, fuel oil,- renewable energy, etc.)
Cost of consumption	¬*	¬¬¬	¬ ila ¬¬¬**
Investment cost	¬¬	-	-
Advantages	Economic Productive	Easy assembly	Compatible with all heating systems.
Areas of use	All outdoor or indoor pools	Spas, homes and summer houses	Open or closed near the boiler. in pools

* The heat pump is a highly efficient solution that, thanks to its thermodynamic system, returns much more than it consumes.

* * The operating cost will depend on the heating source. If it is renewable (e.g., solar energy), it will be very low. However, with gas, oil, or electric heating sources, operating costs will be higher.

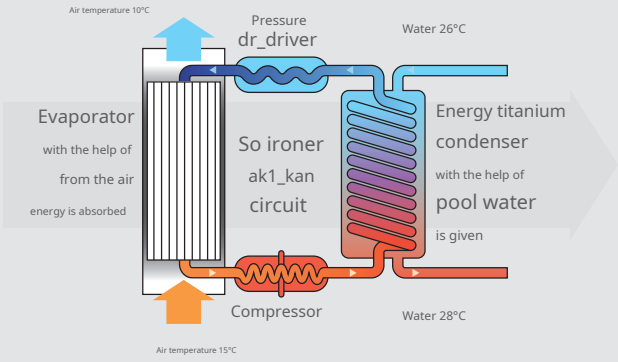
HEAT PUMPS

Economic and ecological solution

heat pumps are the ideal solution for heating your pool while also saving energy.

HOW DOES IT WORK?

The heat pump is a thermodynamic system. Its working principle is quite simple: The system transfers the calories it takes from the air directly into the pool water.



80% of energy is obtained from the air.

The remaining 20% is obtained from electrical energy.

The pump obtains its energy from the air.

The pump takes this energy and transfers it to the water through thermodynamic heat transfer.

heat pumps can be easily installed in newly constructed or existing pools with the help of simple electrical and water installation.

ENVIRONMENTAL STANDARD (EN 17645)

In September 2022, a new Standard was published: EN 17645. It concerns open pools (underground and above-ground pools) intended for permanent application (as defined in EN 16582).

Bu standard1n ana hedefleri, konut tipi yüzme havuzlar1n1n kullan1m1na ili_kin çevresel de erlendirmeyi a_a 1daki yollarla sa lamakt1r: " Evsel yüzme havuzlar1n1n çevresel performanslar1n1 ele almak,

" Ürünlerin verimlili ini art1rmak ve enerji aç1s1ndan verimli ve çevre dostu ürünlerin geli_tirilmesini te_vik etmek, " Enerji tasarrufu aç1s1ndan iyi uygulamalar1 te_vik etmek.

> ISI POMPALARINA ETK1S1 NED1R ?

" heat pompas1n1n performanslar1 SCOP (Mevsimsel Katsay1 Performans1) hesaplamas1na dayanmaktad1r. Piyasadaki tüm 1s1 pompalar1n1n ayn1 ko_ullar alt1nda kar_1la_t1r1lmas1na imkan veren A'dan F'ye kadar bir s1n1fa kar_1l1k gelir.

" <A=, 1s1 pompas1n1n çok iyi bir verime sahip oldu u, <F= ise çok daha dü_ük bir verime sahip oldu u anlam1na gelir.

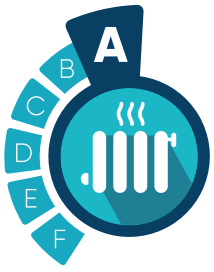
> SCOP NASIL HESAPLANIR?

heat pompas1n1n farkl1 hava s1cakl1klar1nda ve kompresör h1zlar1nda 5 farkl1 COP'sini ölçüyoruz:

" Hava 7°C'de ve %100 kompresör h1z1nda COP

" Hava 15°C'de, %30, %65 ve %100 kompresör h1zlar1nda COP

" Hava26°C'de %30 kompresör h1z1nda COP



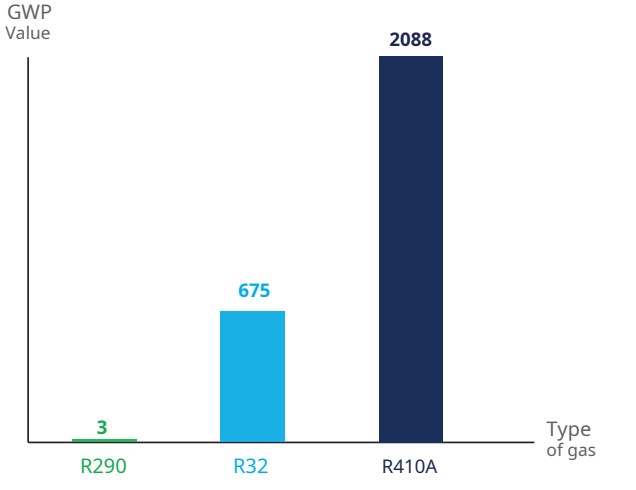
heat sistemi SCOP de erleri	Verimlilik s1n1f1
SCOP g 7	A
7 > SCOP g 6	B
6 > SCOP g 4	C
4 > SCOP g 3	D
3 > SCOP g 1	E
SCOP < 1	F

R290 Environment Firendly (PROPAN)

.

" GWP R290 = 3

" GWP R32 = 675



Daha dü_ük GWP etkisine ek olarak R290 ayn1 zamanda yüksek enerji verimlili ine sahiptir ve çok iyi performans sa lar.

> B1LG1LEND1RME

HIZLI BA_LANGIÇ KILAVUZU (QSG)

Çevresel ayak izimizi azaltmak amac1yla, kullan1m k1lavuzunun daha k1sa ve basitle_tirilmi_ bir versiyonu, her 1s1 pompas1yla birlikte a_amal1 olarak teslim edilir. Sayfa say1s1n1 %60'a kadar azaltmaya olanak sa lar. Kullan1m k1lavuzunun tamam1 hâlâ markan1n web sitelerinde ve Uygulaman1n içinde mevcuttur.

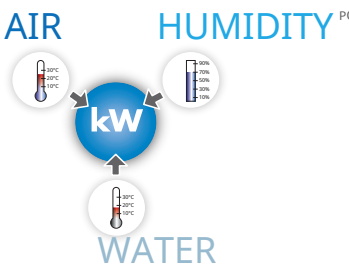
HEAT PUMP

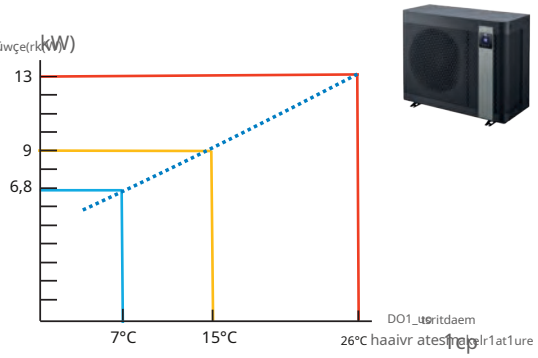
Understanding Performance

The performance of Heat pumps is characterized by two main values: their power and their performance coefficients.

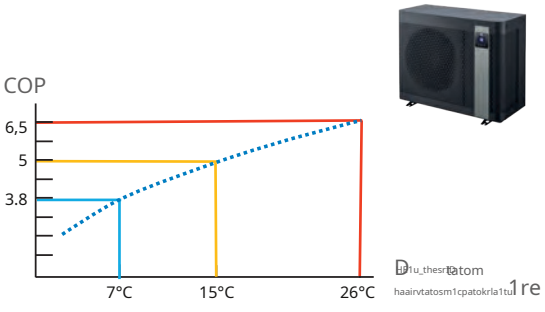
" **kW cinsinden ifade edilen güç,** suya aktar1lan 1s1 miktar1n1 gösterir.

The performance of a heat pump during use is expressed in terms of specific climatic conditions:
"Air temperature"
"Air humidity"
"Pool water temperature"
The power of a heat pump will mostly depend on the air temperature. The hotter the air, the higher the power in kW, and therefore the higher the COP.





For example (see graph), a Z250iQ will consume 9 kW of power under 15°C air / 26°C water / 70% humidity conditions.Therefore, it is very important to compare performances under the same conditions!"The coefficient of performance (COP) is the ratio of the power transferred to the water to the power consumed by the heat pump.Like power, the coefficient of performance also changes directly depending on the usage conditions.For example, a COP performance coefficient of 5 is used for 1 kWh consumed by the electricity meter.This means that it provides 5 times or 5 kWh more energy to the water in the pool.The higher the coefficient of performance (CPM), the more efficient and economicalthe system will be.



Silent installation

> ACCURATE MEASUREMENT OF NOISE LEVEL

The latest technologies used in evaporator, fan and compressor design enable Zodiac® heat pumps.

It makes it extremely quiet.

A certified institution is required to measure noise levels accurately and objectively.

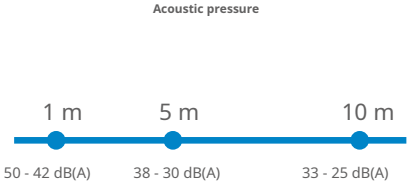
It needs to be evaluated by [the relevant authority]. Noise level is expressed in two ways:

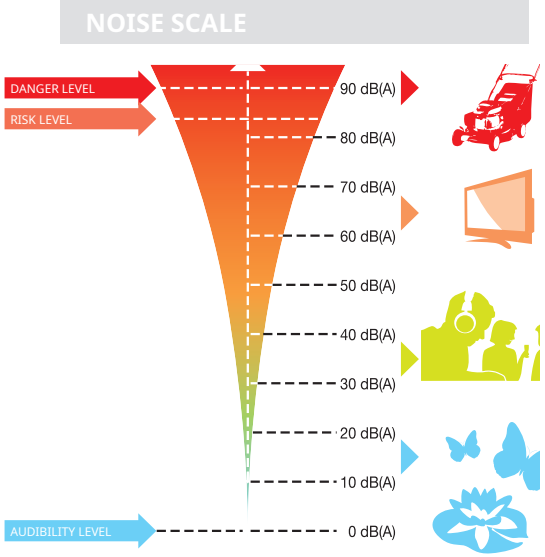
"**Acoustic power in dB(A):**This is the sound level that does not occur in source 1n.

"**Acoustic pressure in dB(A):**This is the sound level perceived by the human ear.

It depends on the installation environment and the distance from which the measurement is taken. Therefore, the measured distance...

This should always be stated along with the value.





To compare the noise levels of different products, check which values are specified. Is it acoustic power? Or acoustic pressure? If the given value is acoustic pressure, pay attention to the distance from which it was measured!

HEAT PUMPS

MAIN FEATURES

> CONNECTION

Thanks to the intuitive interface of the Fluidra Pool app, you can easily connect and control your water pump (and other Fluidra products; see the Internet of Pools section) remotely from anywhere, anytime, using a smartphone.

The Fluidra Pool application complies with GDPR (General Data Protection Regulation) to ensure the protection of personal data.

IQBRIDGE RS 1LE
BA LANIN

iQBridge RS is a Play & Play WiFi gateway used to easily connect some heat pumps (see comparison tables) to the user's WiFi network and take advantage of the Fluidra Pool app control experience.

For more information about the advantages of iQBridge RS and the FluidraPool app, see the "Internet of Pools" section.

> FULL INVENTOR TECHNOLOGY

"Full Inverter technology allows a heat pump to change its power mode depending on the pool heating needs. Therefore, it operates in a way that achieves the best energy efficiency at the lowest noise level."

"Full inverter technology with 3 operating modes: Boost: Maximum power for quick heating at the start of the season; Smart: Automatic power adjustment between Ecosilence and Boost."

EcoSilence: Greater energy savings and lower noise levels.

> VERTICALBLOWING ADVANTAGES

"Because less empty space is needed around the unit, it is generally suitable for small spaces."

"At the same sound level as with horizontal and vertical heat pumps, the perceived sound level will be lower for vertical heat pumps because air is blown upwards. Thanks to vertical blowing, cold air is not blown towards pool users."

> AUTOMATIC COOLING MODE

In liner pools, it is not recommended to keep the water temperature above +30°C to prevent water quality deterioration, turning green, and damage to the liner. In hot regions, during hot seasons, or if the pool is sheltered, it is possible for the pool water temperature to exceed +30°C.

An 1s1 pump with automatic cooling mode will maintain the pool water temperature at the desired target temperature.

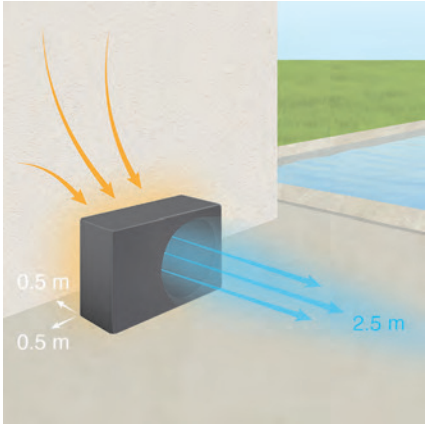
> DEFROST PRENS1B1

When the temperature is low (D1), the evaporator will tend to ice up, reducing its efficiency: the ice must be removed by DEFROST (reversing the cycle).

The cooling circuit is reversed, and heat is extracted from the water in the reservoir to defrost the evaporator. Defrosting allows for extended/full year-round use.

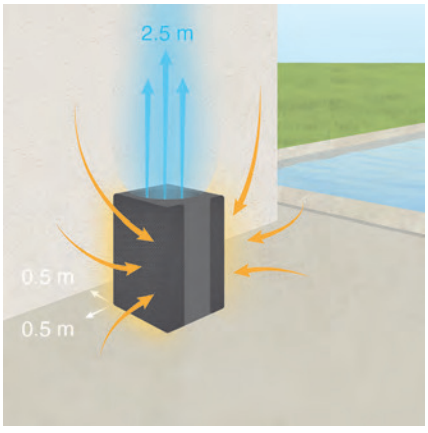
> DIFFERENT AIR OUTLET BLOWING TYPES

pumps for pools can have different types of blowers, making it possible to adapt their installations to specific requirements.



> HORIZONTAL

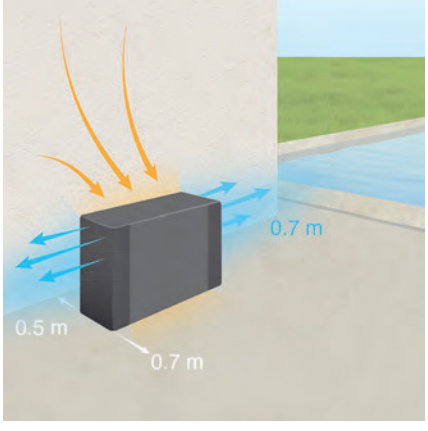
Horizontal blower pumps are the most common pumps on the market and offer the most efficient design in terms of heating performance. However, they have disadvantages such as requiring a large floor footprint and the inconvenience of blowing cold air over legs/feet.



> VERTICAL

Vertical blower pumps are ideal for confined spaces. With a small floor footprint (approximately half that of a horizontal blower heat pump), they offer the most compact solution. Another advantage is that they reduce the perceived noise of the heat pump by dispersing noise from above, and they don't disturb you by blowing cold air on your feet. On the other hand, more

Due to its low optimization and direct airflow, its performance is not as good as that of a horizontal blow-drying heat pump.



> SIDE

Side-blowing pumps are also ideal for small spaces; their footprint is slightly larger than a vertical air outlet, but still smaller than a horizontal blower. Their main advantages include reduced noise, but also a design that makes cleaning easier without the fan being visible, a smoother, more discreet front panel, and no air blowing towards your feet. They are also more efficient than vertical blower pumps.

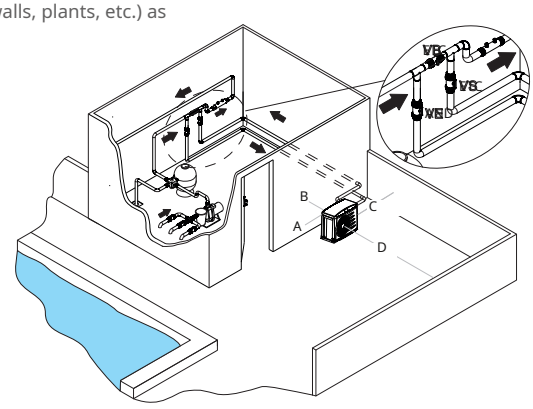
	EFFICIENCY	FOOT 1Z1	PERCEIVED NOISE	GARDEN NOISE
HORIZONTAL	+ + + +	j6/7 m2	+ +	+ +
VERTICAL	+ +	j2.5/3 m2	+ + + +	+ + +
SIDE	+ + +	j4/5 m2	+ + + +	+ + + +

ASSEMBLY SUGGESTIONS

"D1_ar1da, close to the pool machine air vent, at a sufficient distance from the pool (according to applicable electrical standards).

"On a stable, solid, and flat surface.

"Maintain the minimum distances between the pump and its surroundings (walls, plants, etc.) as shown in section a_a 1.



HORIZONTAL FAN OUTLET HEAT PUMPS

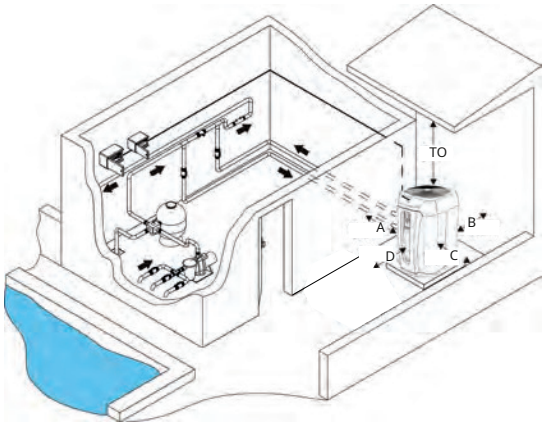
A	B	C	D
Minimum vacant area in meters			
0.5	0.5	0.5	2

D1KAY FAN OUTLET HEAT PUMPS

Minimum vacant area in meters

A	B	C	D	TO
0.5	0.5	0.5	0.5	2
0.15*				

* For Z350iQ only

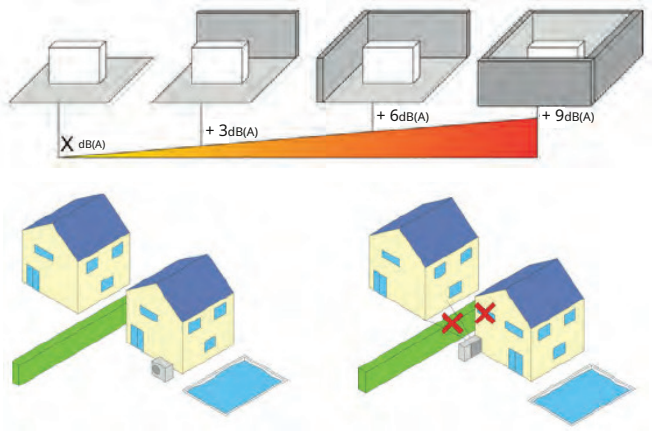


These diagrams show the recommended spacing for maximum efficiency and ease of maintenance. Alternative installation arrangements can be considered, along with their potential impact on performance and serviceability.

For complete installation instructions, please refer to the user manual.

> HEAT PUMP INSTALLATION RECOMMENDATIONS1

A pump consists of moving parts that produce noise and vibration, such as a compressor, fan, etc.



To prevent or avoid any potential problems, a few assembly rules must be followed:

"Choose open spaces (avoid corners or courtyards), because the sound

Since the waves will radiate from all directions of the device, they will reflect back from the surface they strike.

"Do not mount it under or on the window sill.

"Regarding neighborly property:

- Install the system as far away from the neighbor's border as possible.

- The device's fan should not face the neighbor's garden.

> PREVENTION OF T1TRE_1M1 FROM THE BASE

"Use vibration damping mounts.

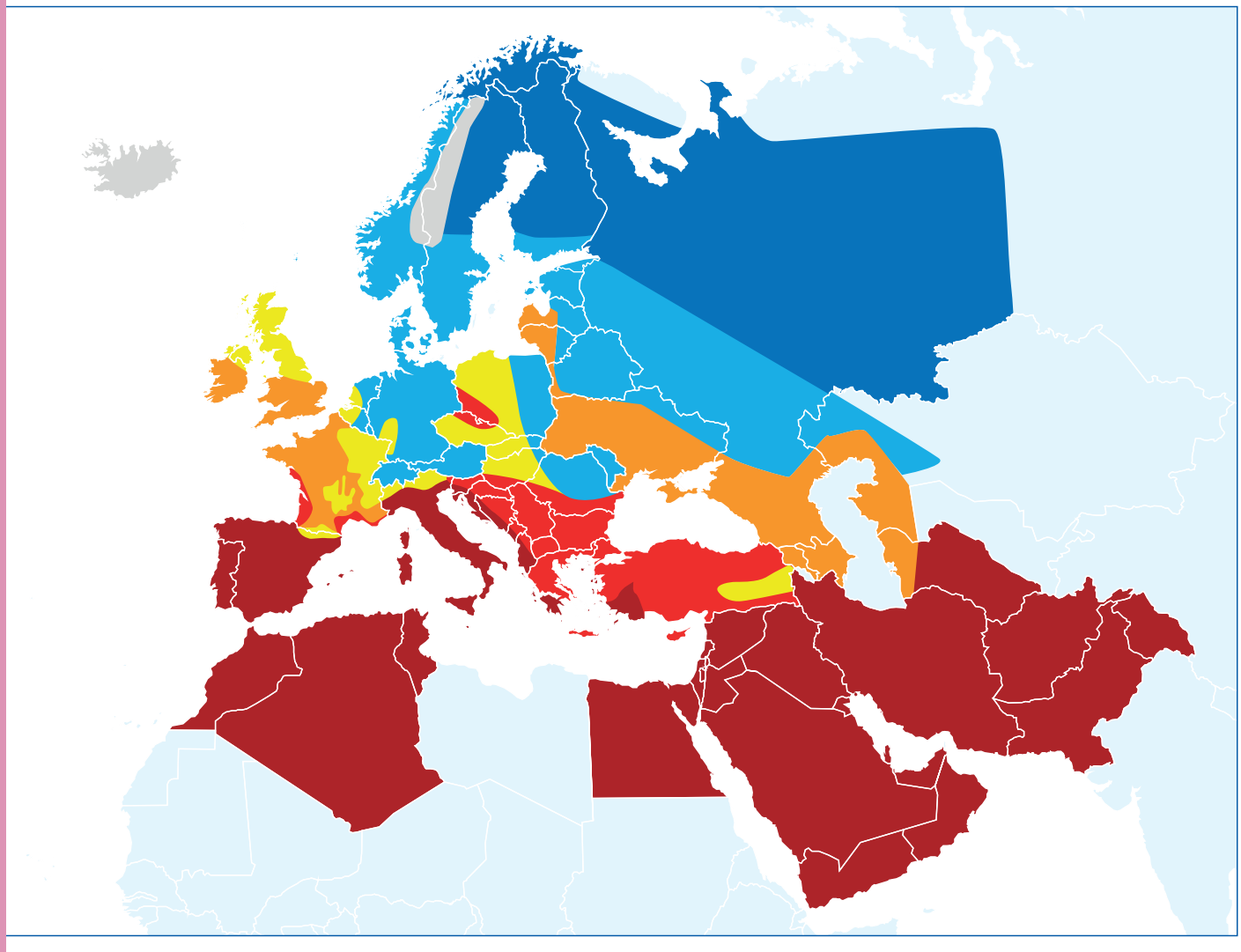
"Replace the wedges1 if necessary to absorb the vibrations, as they lose their effectiveness over time. "Use a mounting base. The base weight should be at least twice the weight of the heat pump. "It must be independent of the building.

ZODIAC®

> COMPARISON TABLE

	Model	Z550iQ	Z400iQ	Z350iQ	PM40
	Featured feature	Economic and Quiet Election	Elegant and unique.	Optimal integration	Silent On-Off solution
	Professional advice is recommended.	:	:	:	:
A basis for a quick primary election. features	Minimum air temperature 10°C	-15°C	-12°C	-7°C	-8°C
	Usage season	All year use	All year use	Season Extension	Season Extension
	Technology	FULL INVERTER	ON-OFF	FULL INVERTER	ON-OFF
	Cooling mode	:	:	:	:
	Mobile app control (wifi)	: (internal)	: (internal)	: (internal)	: (with optional iQ bridge)
	Fan blowing type	Vertical	Vertical	Vertical	Horizontal
	Free space requirement	+ + +	+ + +	+ + +	+ +
	Electrical power supply	Single-phase or three-phase	Single-phase or three-phase	Single-phase	Single-phase or three-phase
	1. Indoor mounting compatibility	:	x	x	x
Performances	Power range 1 1 (@26°C Air / 26°C Water)	12.5kW to 20kW (5 power options)	9.8 to 22 kW (8 power options)	11, 14, 16kW (3 power options)	4.7 to 32kW (10 power options)
	Power range 1 1 (@15°C Air/ 26°C Water)	9.5 to 15kW (5 power options)	7.9 to 17.5 kW (8 power options)	8, 10, 12 kW (3 power options)	3.2 to 23kW (10 power options)
	Compressor type	Scroll	Rotary valve	Rotary valve	Rotary valve or scroll valve
	So utucu ak1_kan tipi	R32	R32/R410A	R32	R32/R410A
Performance comparison near forces	Power kW @26°C	12.5 kW	12.5 kW	14 kW	14.7 kW
	COP @26°C	12*	5.2	8.8*	6.2
	Power kW @15°C	9.5 kW	10 kW	10 kW	10.5 kW
	COP @15°C	6.7*	4.4	5.4*	4.8
	Acoustic power (dB)	64 - 56	Standard: 65 Silent: 63	Boost: 71 Silent: 63	Standard: 69 Silence: 64
	Acoustic pressure (dB) @10m	33 - 25	Standard: 34 Silent: 32	Boost: 40 Silent: 32	Standard: 38 Silence: 33
Mods	Silent mode	:	:	:	:
	Ak1ll1 mod	:	x	:	x
	Boost/Standard mode	:	:	:	:
Technical features	Defrost type	Reverse cycle	Reverse cycle	Reverse cycle	Reverse cycle
	Till	Polypropylene	Polypropylene + galvanized steel front panel	Top panel polypropylene + other panels are galvanized steel	Galvanized steel
	OTA (Over-the-Air Software Update)	:	:	:	x
Easy usage	Is1tma priority i (filtration control)	:	:	:	:
	HMI type	LCD	LCD	LCD	LCD display detachable
Guarantee	Is1 Pump1	3 years	3 years	3 years	3 years
	Compressor	5 years	5 years	5 years	5 years
	Condenser (corrosion)	10 years	10 years	10 years	10 years
Accessories	K1_ cover	:	:	:	:
	Yo u_ma expense kit	:	:	:	:
	Hydraulic connection	2 x PVC 1/2" Fitting Ø 50	2 x PVC 1/2" Fitting Ø 50	" 2 PVC fittings Ø40 " 2 PVC reduction Ø40/50 "2 PVC fittings 45° Ø50"	2 x PVC 1/2 ba lant1 Ø 50
	Vibration-damping mounts	x4	x4	x4	x4
	Detachable control panel	:	:	:	: (10m cable)
	Free mobile app	:	:	:	:in option
	Optional	Technical room assembly Yo u_ma tray	x	x	

> CLIMATE



Region 1	
Region 2	
Region 3	
Region 4	
Region 5	
Region 6	
Region 7	

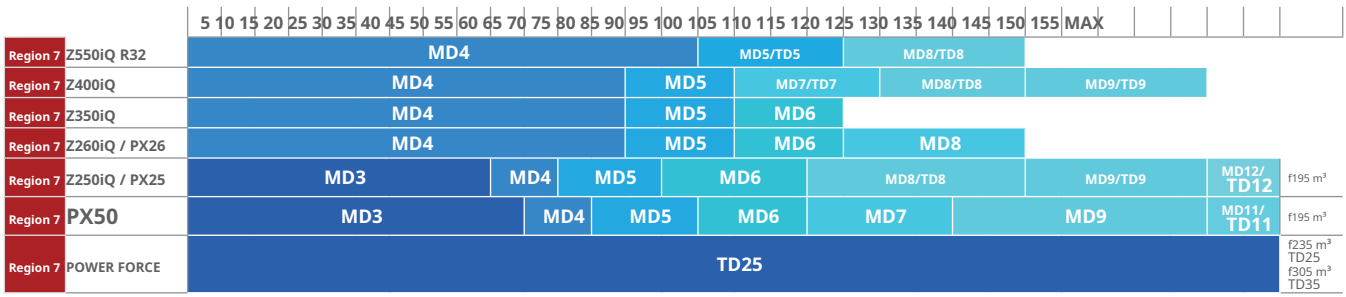
HEAT PUMP SELECTION GUIDE

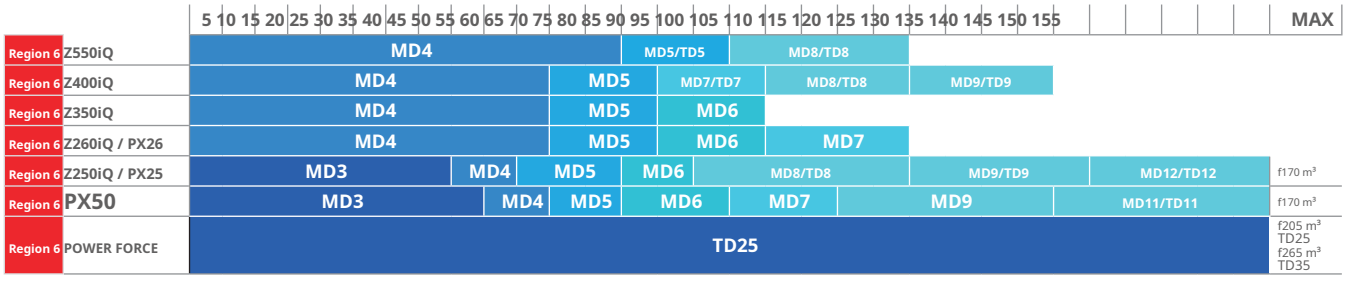
This quick selection guide is configured with the following parameters: private pool, for use from early May to late September, average depth of 1.5 m, 14-hour filtration time, target pool water temperature of 28°C.

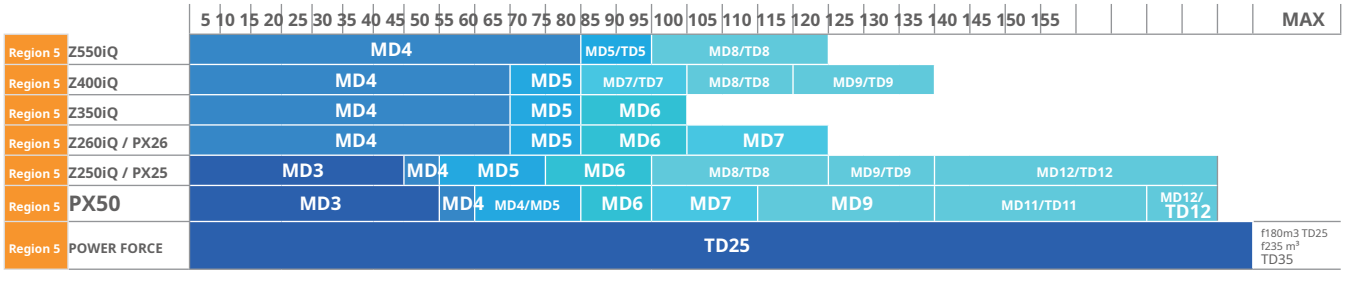
SELECT POWER IN LESS THAN 1 MINUTE.

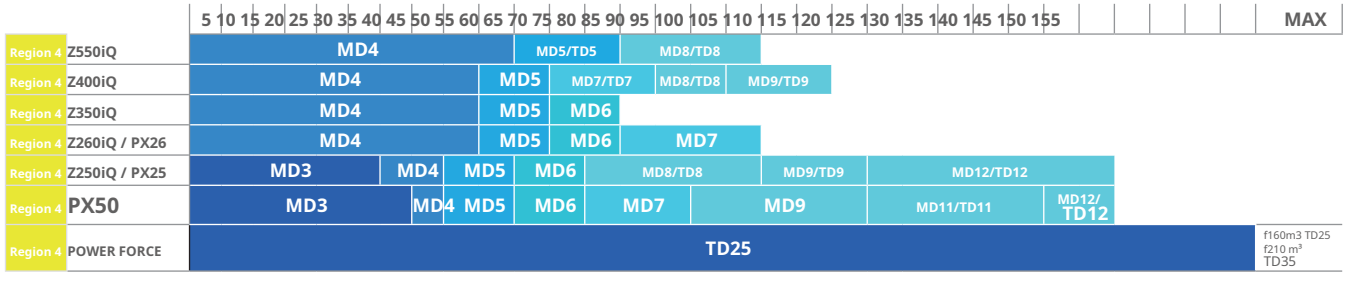
How to Read: The Z250iQ MD5 is required for a 35 m³ covered pool located in Zone 2.

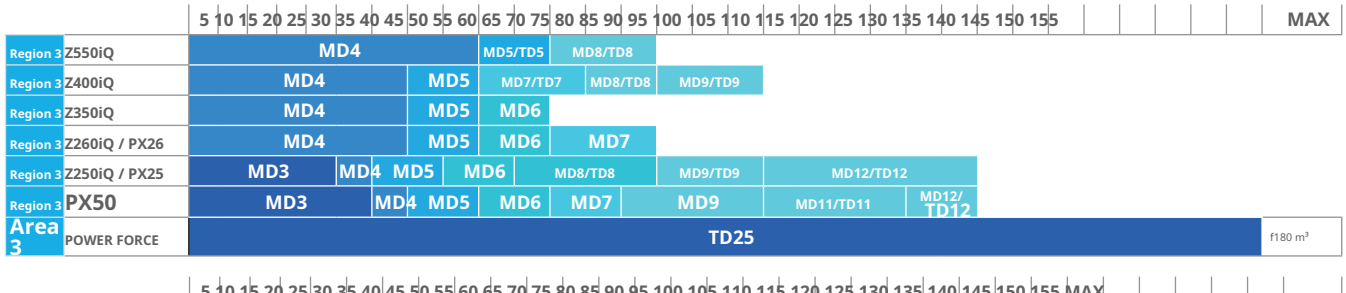
HEAT PUMP SERIES 1 FOR USE WITH POOL COVER 1.

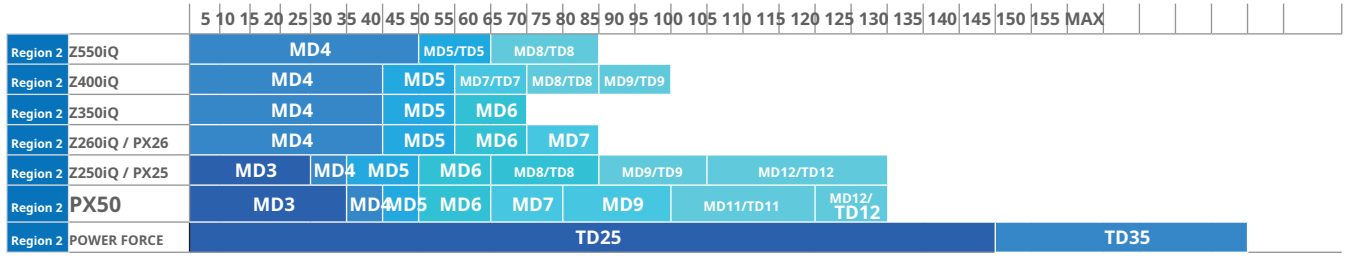


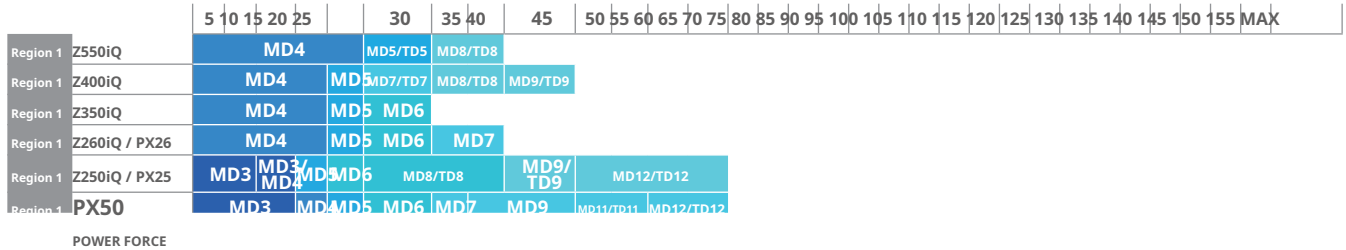




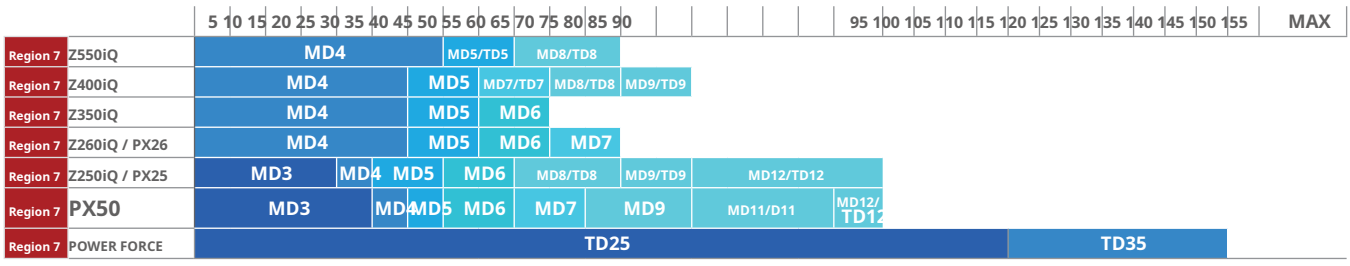


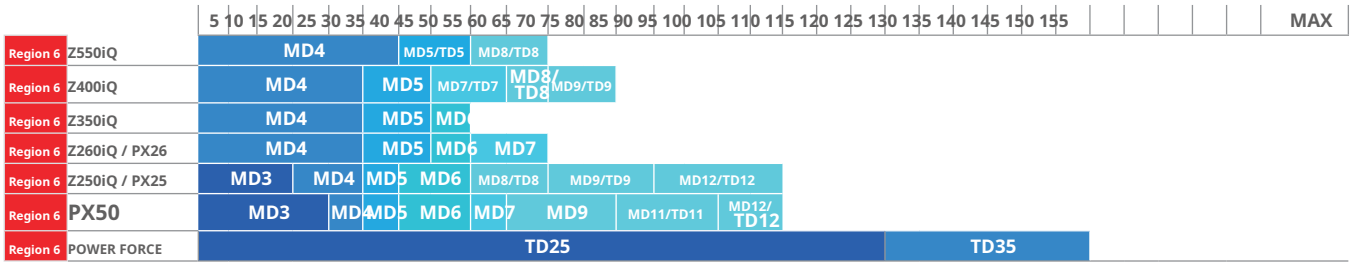


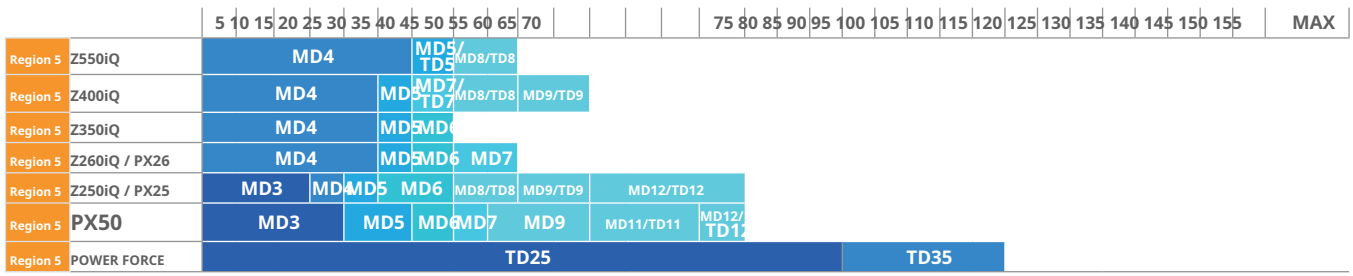


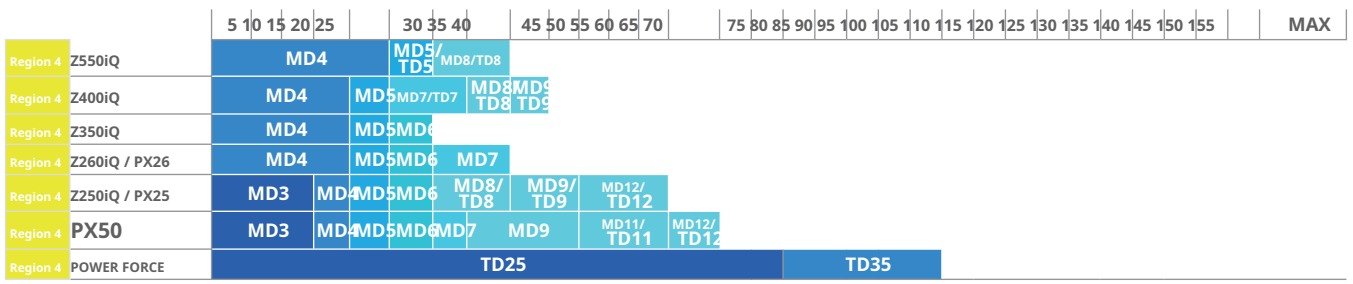


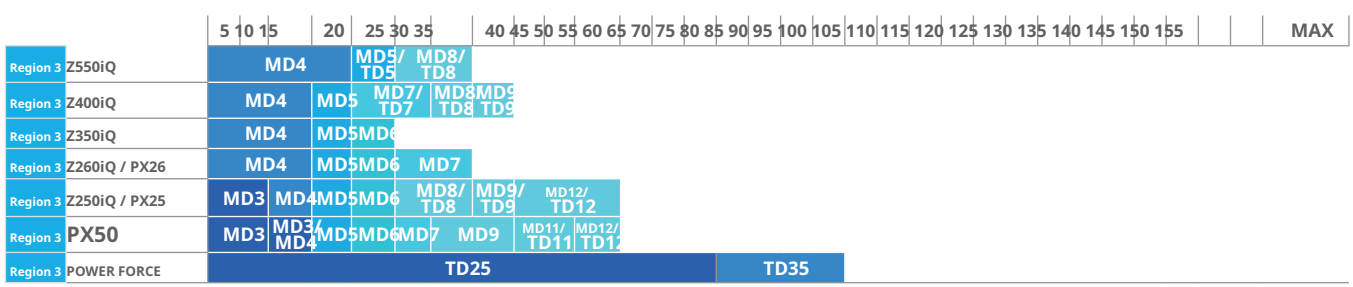
HEAT PUMP SERIES 1 - UNCOVERED USE

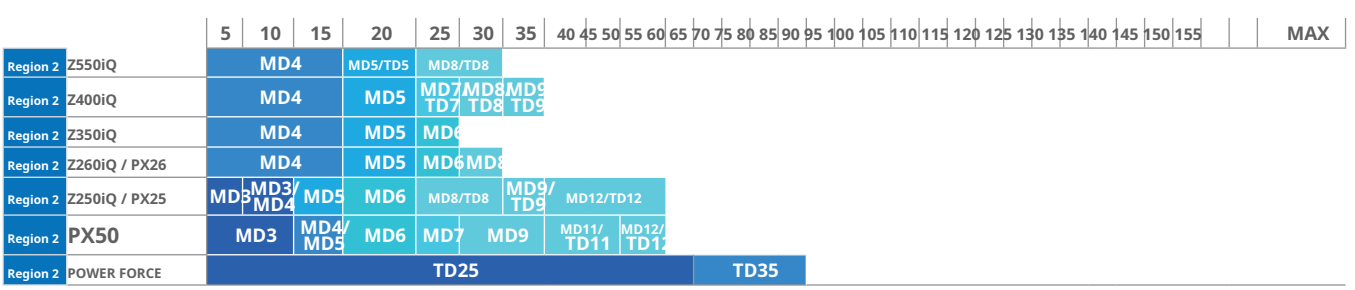


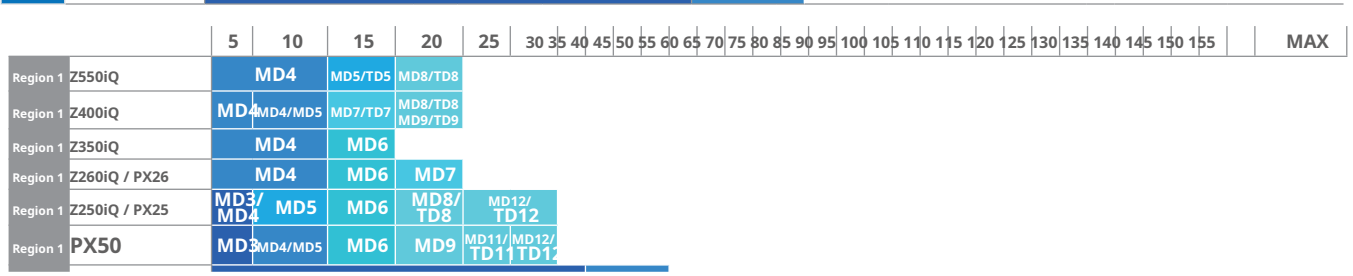












Z550iQ

+ Full inverter technology: quiet and economical.
+ Easily fits into small spaces.
+ Internal link 1: Fluidra Pool free mobile app

3 YEAR GUARANT1 YEAR WARRANTY

MADE IN ITALY

FULL INVERTER

-15°C MIN. TEMP. AIR

HEATING & SO UTMA HEATING & COOLING

FLUIDRA POOL

ENERGY1 VER1ML1L1 1 ENERGY EFFICIENT

MACHINE DA1RES1 K1T1 TECHNICAL ROOM KIT

EXPLANATION

- Vertical air vent
- Full Inverter Technology with 3 operating modes:
  - Boost: Maximum power for rapid warm-up at the start of the season.
  - Smart: Automatic power adjustment between Ecosilence and Boost.
  - EcoSilence: Greater energy savings and lower noise levels.
- Free mobile application via internal link
- Polypropylene body
- Heating priority mode (filtration pump control)
- Automatic defrost
- Titanium condenser (fully compatible with salt chlorine systems)
- Scroll compressor
- LCD Screen

ACCESSORIES INCLUDED IN THE PACKAGE

"K1_ cover"

"Yo u_ma expense kit" " 2 x PVC 1/2" Fitting Ø 50 " 4 x Vibration-damping wedges

OPTIONAL ACCESSORIES

"Is1 pump cleaning kit - WMA03491"

" Z550iQ - Machine air vent installation kit - WH000202

" Z550iQ - Condensate tray - R07240

TECHNICAL SPECIFICATIONS

Model	Z550iQ MD4	Z550iQ MD5	Z550iQ MD8		Z550iQ TD8
Product Code	WH000365	WH000366	WH000367		WH000369
Unit Price EURO	6,500	7,200 ¬	8,650		10,000
EN 17645 Class 1	A	A	A		A
EN 17645 SCOP	8.1	8.1	7		7
Recommended flow rate (m^3)₃/h)	4	5	6		6
Electrical power supply	220-240 V / 1 / 50-60 Hz				380-400 V / 3 / 50-60 Hz
Nominal operating power (A)	9 - 1.7	11 - 2.4	17.8 - 3.5		6.1 - 1.4
Maximum operating power (A)	9	11	17.8		6.1
Recommended power cable cross-sectionmm₂**	3 x 2.5	3 x 2.5	3 x 6		5 x 2.5
So utucu ak1_kan	R32	R32	R32		R32
So utucu ak1_kan miktar1 (kg)	0.88	1,2	2.18		2.18
Acoustic power (max.-min) (dBA)**	64 - 56	65 - 56	68 - 56		68 - 56
Acoustic pressure at 10m (max-min) (dBA)**	33 - 25	34 - 25	37 - 25		37 - 25

HEATING PERFORMANCE

AIR 26°C / WATER 26°C / HUMIDITY 80%

Power (max-min) (kW)	12.5 - 3.6	15 - 3.6	20 - 7	20 - 6.2
Input power (max-min) (kW)	2 - 0.3	2.5 - 0.3	4.1 - 0.7	4 - 0.6
RUBBISH	6.3 - 12	5.9 -12	4.9 - 10.3	5 - 10.4

AIR 15°C / WATER 26°C / HUMIDITY 70%

Power (max-min) (kW)	9.5 - 2.6	11.5 - 2.7	15 - 3.8	15 - 2.9
Input power (max-min) (kW)	1.9 - 0.4	2.4 - 0.4	3.7 - 0.8	3.6 - 0.5
RUBBISH	5 - 6,7	4.8 - 6.8	4.1 - 5	4.2 - 5.8

DIMENSIONS AND WEIGHT

Product Dimensions1 (Length x Height x Depth)	615 x 997 x 706mm	615 x 997 x 706mm	615 x 997 x 706mm	615 x 997 x 706mm
product weight (kg)	54kg	60kg	70kg	70kg

* Cable is not included in the package. This is the recommended cross-section for a maximum distance of 20 m.
* * According to EN60704-1:2010+A11:2012 standard

ZODIAC®

Z400iQ

+ Unique design

+ Quiet & different

+ Internal link 1: Fluidra Pool free mobile app

3 YEAR WARRANTY

MADE IN ITALY

ON/OFF +

-12°C MIN. TEMP. AIR

HEATING & COOLING

iAquaLink CONTROL

EXPLANATION

- Vertical air vent
- ON/OFF technology with 2 speed fans and 2 operating modes: Standard, Silent (to reduce noise)
- Built-in connectivity with the free mobile app
- Polypropylene and galvanized steel, epoxy painted (body) or pre-painted (front panel)
- Heating priority mode (filtration pump control)
- Automatic defrost
- Titanium condenser (fully compatible with salt chlorine systems)
- Rotary valve compressor
- LCD screen

ACCESSORIES INCLUDED IN THE PACKAGE

"K1_ cover"
"Yo u_ma drain kit" 2 x PVC
1/2" Fitting Ø 50" 4 x
Vibration damping pads

OPTIONAL ACCESSORIES

"Is1 pump cleaning kit - WMA03491"

TECHNICAL SPECIFICATIONS

Model	Z400iQ MD4	Z400iQ MD5	Z400iQ TD7	Z400iQ TD8	Z400iQ TD9
Product Code	WH000382	WH000383	WH000385	WH000387	WH000389
Unit Price EURO	€4,800	5,200 ¬	7,750	8,000	8,750
EN 17645 Class 1	C	C	C	C	C
EN 17645 SCOP	5.2	4.6	4.3	4.5	4.2
Recommended flow rate (m^3)₃/h)	4	5	6	7	8
Electrical power supply	220-240 V / 1 / 50 Hz		380-400 V / 3 / 50 Hz		
Nominal operating power (A)	6.9	10.1	6.1	7.7	8.5
Maximum operating power (A)	10	15	6.4	9.2	11.4
Recommended power cable cross-sectionmm₂**	3 x 2.5	3 x 2.5	5 x 2.5	5 x 2.5	5 x 2.5
So utucu ak1_kan	R32	R32	R32	R32	R32
So utucu ak1_kan miktar1 (kg)	0.87	0.99	1.18	1.59	1.59
Acoustic power (max.-min) (dBA)**	64 / 61	65 / 63	68 / 66	65 / 62	66 / 63
Acoustic pressure at 10m (max-min) (dBA)**	33 / 30	34 / 32	37 / 35	34/31	35 / 32

HEATING PERFORMANCE

AIR 26°C / WATER 26°C / HUMIDITY 80%

Power (max-min) (kW)	9.8	12.5	15.6	18.6	22
Input power (max-min) (kW)	1.7	2,3	3	3.5	4.2
RUBBISH	5.9	5.2	5.2	5.3	5.2

AIR 15°C / WATER 26°C / HUMIDITY 70%

Power (max-min) (kW)	7.9	10	12.4	14.8	17.5
Input power (max-min) (kW)	1.6	2.2	2.9	3.5	4.1
RUBBISH	4.9	4.4	4.3	4.2	4.3

DIMENSIONS AND WEIGHT

Product Dimensions1 (Length x Height x Depth)	1030 x 872 x 449mm	1030 x 872 x 449mm	1030 x 872 x 449mm	1145 x 1018 x 480mm	1145 x 1018 x 480mm
product weight (kg)	70kg	71kg	94kg	105kg	110kg

Z350iQ

+ **Maximum sophistication**
+ **Efficiency guaranteed.**
+ **Internal link 1: Fluidra Pool free mobile app**

3 YEAR GUARANT1 YEAR WARRANTY

MADE IN ITALY

FULL INVERTER

-7°C MIN. TEMP. AIR

HEATING & SO UTMA HEATING & COOLING

FLUIDRA POOL

ENERGY1 VER1ML1L1 1 ENERGY EFFICIENT

Swivel top part

EXPLANATION

- Vertical air vent
- Full Inverter Technology with 3 operating modes:
  - Boost: Maximum power for rapid warm-up at the start of the season.
  - Smart: Automatic power adjustment between Ecosilence and Boost.
  - EcoSilence: Greater energy savings and lower noise levels.
- Built-in connectivity with the free mobile app
- Polypropylene body and galvanized steel body
- Heating priority mode (filtration pump control)
- Automatic defrost
- Titanium condenser (fully compatible with salt chlorine systems)
- Inverter rotary vane compressor
- LCD screen

ACCESSORIES INCLUDED IN THE PACKAGE

"K1_ cover"
"Yo u_ma drain kit" 2 x
PVC Fitting Ø40
" 2 x PVC reducer Ø40/50 " 2 x
PVC fitting 45° Ø50
" 4 x Vibration-damping wedges

OPTIONAL ACCESSORIES

"Is1 pump cleaning kit - WMA03491"

TECHNICAL SPECIFICATIONS

Model	Z350iQ MD4	Z350iQ MD5	Z350iQ MD6
Product Code	WH000507	WH000508	WH000509
Unit Price EURO	5,100 ¬	6,000	6,100 ¬
EN 17645 Class 1	A	B	B
EN 17645 SCOP	7.1	6.1	6.3
Recommended flow rate (m^3)₃/h)	3,4	4.2	5
Electrical power supply	220-240 V / 1 / 50-60 Hz		
Nominal operating power (A)	8	10.1	12
Maximum operating power (A)	9.1	10.8	13.5
Recommended power cable cross-section m m₂**	3 x 2.5	3 x 2.5	3 x 2.5
So utucu ak1_kan	R32	R32	R32
So utucu ak1_kan miktar1 (kg)	0.7	0.85	0.95
Acoustic power (max.-min) (dBA)**	70 - 64	71 - 63	73 - 65
Acoustic pressure at 10m (maxmin) (dBA)**	39 - 33	40 - 32	42 - 34

HEATING PERFORMANCE

AIR 26°C / WATER 26°C / HUMIDITY 80%

Power (max-min) (kW)	11- 3.1	14 - 4.4	16 - 4.7
Input power (max-min) (kW)	1.9 - 0.3	2.6 - 0.5	3.2 - 0.5
RUBBISH	5.8 - 10.3	5.4 - 8.8	5 - 9.4

AIR 15°C / WATER 26°C / HUMIDITY 70%

Power (max-min) (kW)	8 - 2.5	10 - 2.7	12 - 3
Input power (max-min) (kW)	1.8 - 0.4	2.3 - 0.5	2.8 - 0.6
RUBBISH	4.4 - 6.3	4.3 - 5.4	4.3 - 5

DIMENSIONS AND WEIGHT

Product Dimensions1 (Length x Height x Depth)	500 x 883 x 500mm	500 x 883 x 500mm	500 x 883 x 500mm
product weight (kg)	41kg	46kg	47kg

* Cable is not included in the package. This is the recommended cross-section for a maximum distance of 20 m.
* * According to EN60704-1:2010+A11:2012 standard

HEAT EXCHANGERS

Heating the pool with the existing source in the house

Zodiac heat exchangers, which are installed near the hot water source, heat the water using the existing water heating system in the house.

These systems offer significant financial advantages, high efficiency, and rapid heating.(1-2 days)

> HEAT EXCHANGER SELECTION

Several parameters are considered when selecting a heat exchanger. The appropriate heat exchanger should be selected based on the size of the pool to be heated, the desired usage values (temperature and duration), and the temperature of the primary (primary hot water inlet) circuit.

Zodiac® 1s1 e_exchangers**all existing water heating systems**They are compatible with.

With over 17 models, it's suitable for all types of installation.

Ti22 TITANE INSIDE

INFORMATION
All Zodiac® 1s1 e_exchangers,**Titanium** It is equipped with plates.

COMPARISON TABLE

	WATERHEAT	HEAT LINE			URANUS+	
	Equipmentless (naked)	**Equipmentless (naked)**	**Plus, circulation pumpless**	**Plus, circulation. pump1**	**Equipmentless (naked)**	**Plus**
APPLICATION	All types of heating					
Power at 90°C primary circuit water inlet temperature	105 - 450 kW	20 - 70 kW			35 - 240 kW	
Power at 45°C primary circuit water inlet temperature	20 - 100 kW	4 - 14 kW			13 - 57 kW	
Mounting type	Bypass connection1l1, L type	Bypass's1z ba lant1, hat üstü			Bypass connection, L type	
Type Is1 e_exchanger	Multiple titanium pipe	Multiple titanium tubes			Titanium plates	
Ak1 sensor			"	"		"
Regulation			"	"		"
Circulation pump1				"		"
Guarantee	2 years					

Waterheat EVO

Waterheat 1s1 heat exchangers allow heat exchange between the primary circuit (hot boiler water) and the secondary circuit (cold water to be heated), thus ensuring that pool and spa waters are brought to the desired temperature.

EXPLANATION

"Titanium casing (secondary circuit, pool water)."
"Titanium alloy serpentine pipes (primary circuit, boiler water). Primary circuit operating pressure 10 bar."
"Secondary circuit operating pressure 3 bar"

PRODUCT CODE & UNIT PRICE

Model	TIT-20 kW	TIT-40 kW	TIT-60 kW	TIT-105 kW	TIT-140 kW	TIT-210 kW	TIT-300 kW	TIT-450 kW
Product code	71607	71608	71609	71610	71611	71612	71613	71614
Unit Price EURO	**810.00**	**980.00**	**1,200.00**	**1,900.00**	**2,650.00**	**4,350.00**	**4,450.00**	**6,150.00**

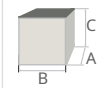
TECHNICAL SPECIFICATIONS

Model		TIT-20 kW	TIT-40 kW	TIT-60 kW	TIT-105 kW	TIT-140 kW	TIT-210 kW	TIT-300 kW	TIT-450 kW
Strength	**90°C**	20	40	60	105	140	210	300	450
	60°C	10	20	30	40	60	80	120	210
	45°C	5	10	15	20	3	40	60	100

HEATING PERFORMANCE

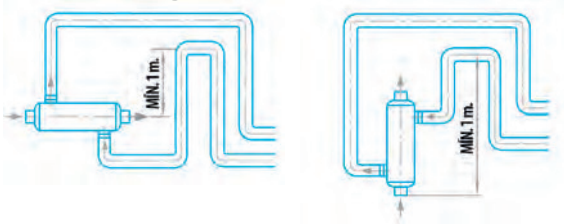
Model		TIT-20 kW	TIT-40 kW	TIT-60 kW	TIT-105 kW	TIT-140 kW	TIT-210 kW	TIT-300 kW	TIT-450 kW
Is1t1c1	**m3/h**	1.6	2.7	3.1	6.6	7.0	10.0	11.0	16.0
Is1t1c1 bas1ç kayb1	**bar**	0.006	0.024	0.040	0.030	0.040	0.122	0.214	0.470
Is1t1c1 su ba lant1s1	**Inch**		G ¾"				G 1 ½"		
Pool pressure loss	**bar**	0.119	0.192	0.418	0.293	0.316	0.633	0.596	0.860
Pool water connection	**Inch**	G 1"				G 1 1/2"			
Pool connection	**Inch**	G 1"				G 1 1/2"			

DIMENSIONS AND WEIGHT

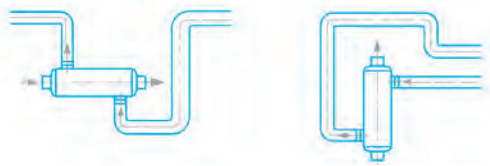
Model			TIT-20 kW	TIT-40 kW	TIT-60 kW	TIT-105 kW	TIT-140 kW	TIT-210 kW	TIT-300 kW	TIT-450 kW
Dimensions		A (mm)		122				140		
		B (mm)	75	175	225	170	270	420	670	920
		C (mm)	290	390	440	357	457	607	857	1107
		Ø Dz		80				102		
A 1rl1k		**kg**	1.2	1.7	1.9	2.2	2.7	3.8	5.3	6.8

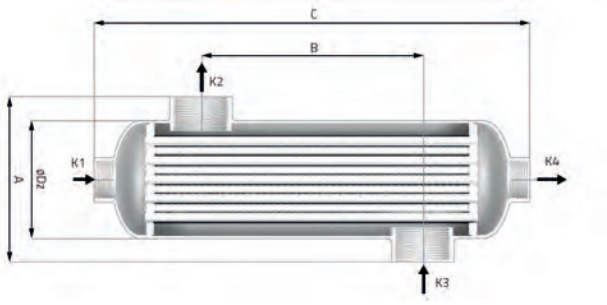
For accurate unit selection based on your system, consult your service engineer. The figures are for power settings calculated for pool water at 20°C.

Mounting above water level _emas1:



Installation diagram below water level:





Uranus

Nude and Plus models

Uranus PLUS

Uranus Naked Model

+ Compatible with all home heating systems.
(1s1 pump, boiler, geothermal, solar_energy)
+ High 1s1 transfer
+ Digital regulation

EXPLANATION

"The device is fully assembled and all connections are ready."
High-performance plate heat exchanger with titanium plates.
"PR1MER circuit (hot water) connection, adjustable 2 1/4 valves,
1 valve - d1_tan threaded. With Ø26/34 and Ø 20/22 connection
fittings. Secondary circuit (pool line) connection - PVC Ø 50
"Digital display thermostat"
Ak1 sensor
"230 V single-phase power supply with socket"
Drain and discharge plug.

PRODUCT CODE & UNIT PRICE

Model	URANUS 35	URANUS 70	URANUS 120	URANUS 240
NakedModel	WJ000001	WJ000003	WJ000005	WJ000007
	2,100	2,700	3,450	5,000
Complete Model	WJ000002	WJ000004	WJ000006	WJ000008
	3,650	4,800	7,000	8,150

2 YEAR GUARANT1

MADE IN SPAIN

EASY INTALLATION

TECHNICAL SPECIFICATIONS

Model		URANUS 35	URANUS 70	URANUS 120	URANUS 240
Maximum pressure (pool circuit)		3 bars / 2 bars			
Maximum operating temperature 1		90°C / 40°C			
Connections	Primary circuit 1s1tma (naked model)	Ø20/22			Ø26/28
	Secondary circuit (pool)	PVC Ø50			
Flow rate (m^3/h)	Primary circuit 1s1tma	1.6	2.1	2.8	6.3
	Secondary circuit (pool)	2	2.9	4.3	8.7
Load loss1 (MMCE)	Primary circuit 1s1tma	1500	1200	1000	2000
	Secondary circuit (pool)	2400	2300	2500	3800

HEATING PERFORMANCE

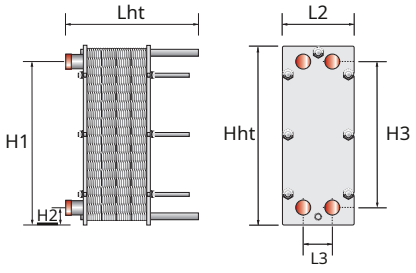
Model	URANUS 35	URANUS 70	URANUS 120	URANUS 240
Power (kW) at 90°C primary circuit water inlet temperature	55	80	120	240
Power (kW) at 60°C primary circuit water inlet temperature	27	38	63	123
Power (kW) at 45°C primary circuit water inlet temperature	15	21	34	68

DIMENSIONS (MM) AND WEIGHT

Model	URANUS 35	URANUS 70	URANUS 120	URANUS 240
Equipmentless	14 kg	15 kg	17 kg	31 kg
Plus	29 kg	30 kg	31 kg	50 kg

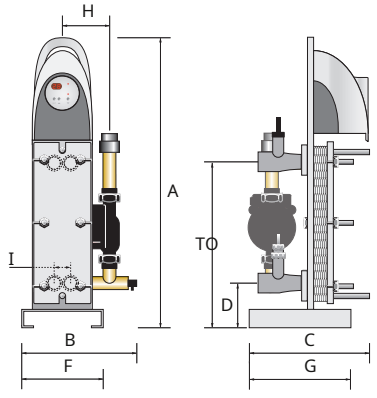
DIMENSIONS (MM) EK1PMANSIZ MODEL

Model	URANUS 35-70-120	URANUS 240
Lht	255	407
L2	140	200
L3	50	60
Hht	380	500
H1	339	429
H2	41	75
H3	298	357



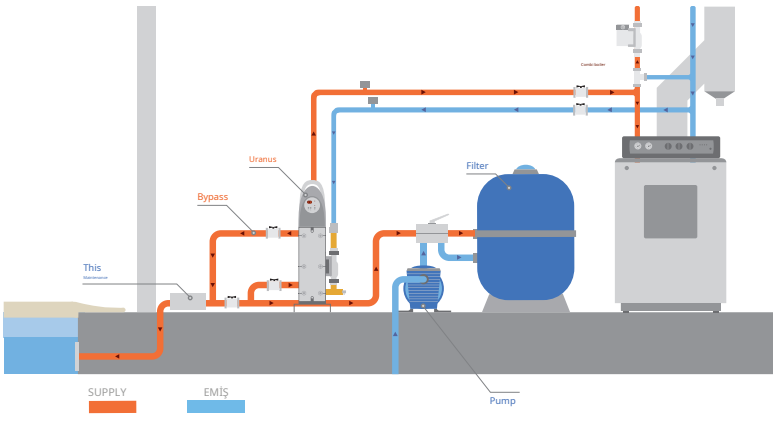
DIMENSIONS (MM) PLUS MODEL

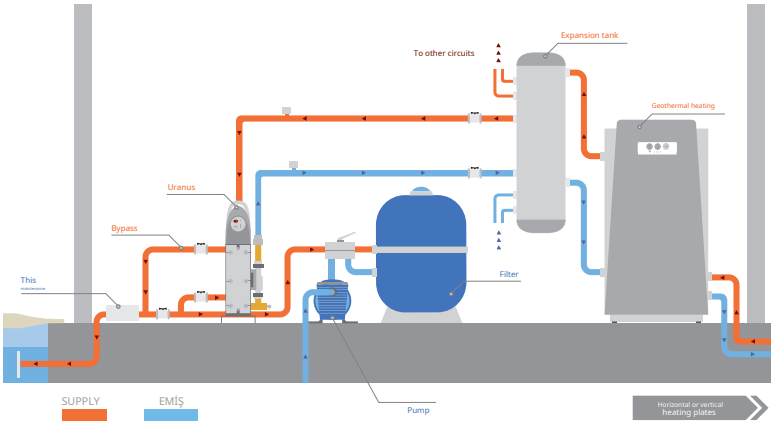
Model	URANUS 35-70-120	URANUS 240
A	758	840
B	334	347
C	415	480
D	116	137
TO	414	494
F	250	250
G	200	450
H	127	148
I	50	60



ASSEMBLY

"The hot water should be located near the source."
The secondary circuit is installed via a bypass after the pool filtration.
"230V single-phase power supply."
"Special case: 1s1 e_exchanger primary (hot water) circuit"
It can be supplied via geothermal and 1s1 pump.
"E_anger; pool heating needs, 45°C or 60°C
The primary circuit should be sized taking into account the conditions (see specifications table) and the power of the geothermal system. For the geothermal system to function correctly, we recommend installing an expansion tank as shown in the diagram below.





Donan1ms1z

Plus regulated and circulation pump

HEAT EXCHANGERS

Heat Line

Naked,Plus circulation pump & circulation pump

+ Compatible with all home heating systems.
  (1s1 pump, boiler, geothermal, solar_energy)
+ Versatile mounting concept
+ Digital regulation

EXPLANATION

"Noril polyamide injection casing"
T1TANIUM pipes
Check valve
"Class A, low consumption circulation pump"(1)
"Reversible interface (allows water inlet to the right or left of the pool)"
Ak1 sensor(2)
"230 V plug-in electrical panel" Digital regulation(2) (2)
"Reversible installation"

(1) In the "Plus" models with circulation pump (2) In the "Plus" models without circulation pump

PRODUCT CODE & UNIT PRICE

Model	HEATLINE 20	HEATLINE 40	HEATLINE 70
Naked model	W49NT20	W49NT40	W49NT70
	900.00	1000.00	1,200.00
Plus, circulation pump-less model	W49KT20W	W49KT40W	W49KT70W
	1,700.00	1,800.00	1,950.00
Plus, circulation pump model	W49KT20	W49KT40	W49KT70
	1,900.00	2,050.00	2,250.00

2 YEAR GUARANT1

MADE IN FRANCE

TECHNICAL SPECIFICATIONS

Model		HEATLINE 20	HEATLINE 40	HEATLINE 70
Maximum pressure (pool circuit)		2 bars		
Maximum operating temperature 1		90 °C		
Connections	Primary circuit 1s1tma (equipment-less model)	Ø26/34 internal thread / Ø26/34 d1_ thread		
	Secondary circuit (pool)	PVC Ø63 or 50		
Flow rate (m^3)₂/h)	Primary circuit 1s1tma	0.9	1.7	3
	Secondary circuit (pool)	10	15	20
Load loss1 (MMCE)	Primary circuit 1s1tma	150	200	300
	Secondary circuit (pool)	500	800	1000

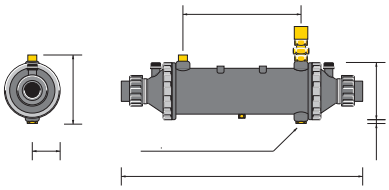
* For private outdoor swimming pools with a pool cover and a primary water temperature of 90°C, between May 15th and September 15th.

HEATING PERFORMANCE

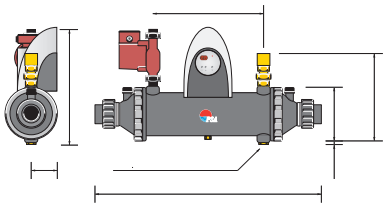
Model	HEATLINE 20	HEATLINE 40	HEATLINE 70
Power (kW) at 90°C primary circuit water inlet temperature	20	40	70
Power (kW) at 60°C primary circuit water inlet temperature	8.5	17	30
Power (kW) at 45°C primary circuit water inlet temperature	4	8	14

DIMENSIONS (MM) AND WEIGHT

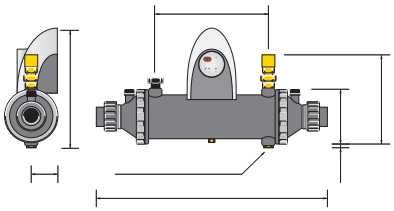
Model	HEATLINE 20	HEATLINE 40	HEATLINE 70
Naked model	3 kg	3 kg	4 kg
Plus, circulation pump-less model	4 kg	4 kg	5 kg
Plus, circulation pump model	6.5 kg	7 kg	12 kg



Heat Line Naked



Heat Line Plus circulation pumps



Heat Line Plus without circulation pump

ASSEMBLY

"In a location close to the hot water boiling point."
It should be. The secondary circuit is installed after the pool filtration (without bypass). Horizontal connection on the line. Primary circuit inlets from above.

"230V single-phase power supply"

"The axle directions of the primary and secondary circuits, heat exchanger"
It can be reversed by rotating it.

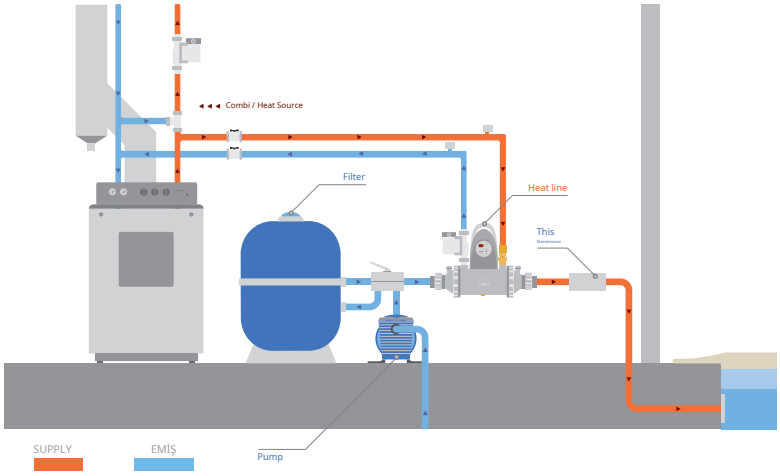
"Special cases: Using solar panels"

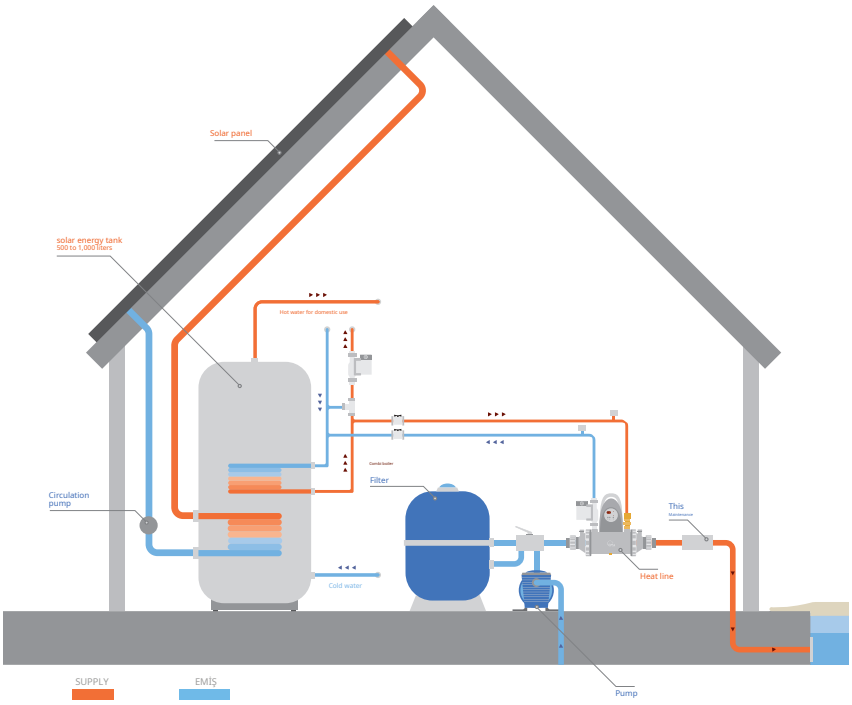
The heat exchanger that was stolen.

"E_exchanger; for pool heating needs, 45 °C or 60 °C"
The heat exchanger should be selected according to the primary circuit conditions (see specifications table) and the power of the solar panels. In all cases, the heat exchanger should be supplied from a solar energy tank mounted between the panels and the heat exchanger.

"Heat Line heat exchangers connect directly to solar panels."
connection1 is not compatible.

"Caution: Maximum primary circuit water temperature = 90 °C"
Maximum pressure = 2 bar. The heat exchanger can be used with existing combi boilers or combi boilers with regulators.





ELECTRIC HEATERS

The simplest solution against rapid temperature increase

Easy to install and use, Zodiac® electric heaters quickly heat your pool and keep the water at your desired temperature. Compact, freestanding.

These units are connected to the filtration system. Start filtration to increase the temperature by 1.

> ELECTRIC HEATER SELECTION

Several parameters should be considered when choosing a suitable electric heater.

Depending on the size of the pool to be heated and the desired usage purpose (temperature and duration), the system power will be adjusted accordingly.

Adjustable between 3 kW and 120 kW.

In a small technical room, install the system in an 'L' configuration. In-line installation limits pressure drops. Two types of thermostats are available to control the desired temperature: mechanical and digital.

It is also possible to control the timer settings using a fully digital regulator.

Ti 22 TITANE INSIDE

REFERENCE POINT
ALL ZODIAC® ELECTRIC HEATER MODELS WITH TITANIUM HEATING ELEMENTS.
IT IS EQUIPPED AND THEREFORE IT IS QUITE...It is durable.

MODELS1N COMPARISON TABLE

	RE/L	RED LINE	RE/U
Pool size*	< 95 m3	< 95 m3	195 m3from
Power level	From 3 to 12 kW	From 3 to 12 kW	From 12 to 24 kW
Mounting type	L type	online	online
Modular type	-	-	"
Thermostat type	Mechanical	Digital	Digital
Guarantee	2 Years		

ELECTRIC HEATERS

RE/U

+ **Fully digital adjustment**
+ **power management**
+ **Maximum sa laml1k**

2 YEAR GUARANT1 TEAR WARRANTY

MADE IN FRANCE

EASY ASSEMBLY EASY INTALLATION

Ti 22 T1TANIUM 1 CONTENTS TITANE INSIDE

EXPLANATION

"± 0.5 °C precision thermostat control panel"
Digital display and timer
"Positive safety high temperature protection limit"
EPDM sealed leakproof pin
"Hypalon electrical connections"
sensor
Power contactor
control buttons
+ indicators
"Model ba l1 as single-phase 230V-50/60Hz or three-phase 400V"
LCD screen

TECHNICAL SPECIFICATIONS

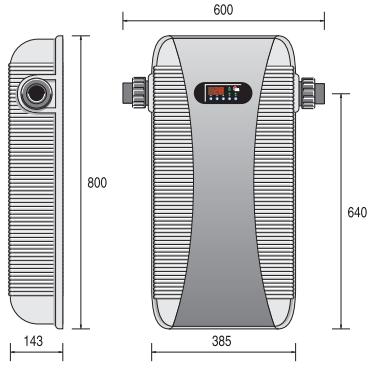
Model	RE/U 12M	RE/U 15T	RE/U 15M	RE/U 18T
Product Code	W40TIT12M	W40TIT15	W40TIT15M	W40TIT18
Unit Price EURO	3,150	3,200	3,300	3,400
Recommended flow rate (m3)/h)	5 - 22	5 - 22	5 - 22	5 - 22
Electrical power supply	220-240 V / 1 / 50-60 Hz	380-400 V / 3 / 50-60 Hz	220-240 V / 1 / 50-60 Hz	380-400 V / 3 / 50-60 Hz
Maximum operating power (A)	53	22	66	26
Recommended power cable cross-sectionmm2*	3 x 16	5 x 6	3 x 16	5 x 6

HEATING PERFORMANCE

Power (max-min) (kW)	6 + 6	9 + 9	6 + 9	9 + 9

DIMENSIONS AND WEIGHT

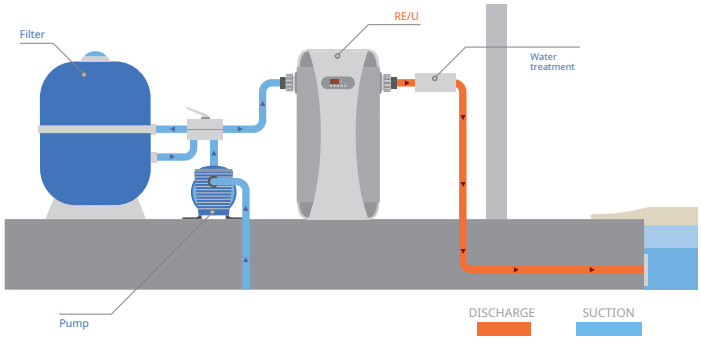
Product Dimensions1 (Length x Height x Depth)	600 x 80 x 143mm	600 x 80 x 143mm	600 x 80 x 143mm	600 x 80 x 143mm
product weight (kg)	12kg	12kg	12kg	12kg



ASSEMBLY

In-line PVC water connection, Ø63 (d1_) or Ø50 (inside).

"Supports any ak1_ aspect:"
Simply reverse the ak1_ sensor and the control and safety sensors.



ELECTRIC HEATERS

Red Line

+ **In-line mounting, low pressure loss.**
+ **Single-phase or three-phase connection (on-site configuration)**
+ **Fully digital regulation**

2 YEAR WARRANTY YEAR GUARANT1

MADE IN FRANCE

EASY INTALLATION EASY ASSEMBLY

TITANE INSIDE T1TANIUM 1 CONTENTS

EXPLANATION

"± 0.5 °C precision thermostat control
panel" Digital display and timer
"Positive safety high temperature protection
limit" "Waterproof EPDM sleeve resistors"
"Hypalon molded electrical connections"
"Ak1_ sensor"
Power contactor
"On/Off switch + warning indicators"
"REDLINE 3, 6 and 9: Simplified single-phase 230V-50/60Hz"
Three-phase 1 400V-50/60Hz (three-phase 1 230V on
request) "REDLINE 12: three-phase 400V-50/60Hz only"
LCD screen

TECHNICAL SPECIFICATIONS

Model	REDLINE 3	REDLINE 6	REDLINE 9	REDLINE 12
Product Code	W40RDE3	W40RDE6	W40RDE9	W40RDE12
Unit Price EURO	1,450	1,550	1,650	1,800
Recommended flow rate (m3)/h)	5 - 30	5 - 30	5 - 30	5 - 30
Electrical power supply	220-240 V / 1 / 50-60 Hz & 380-400V / 3 / 50-60 Hz			380-400 V / 3 / 50-60 Hz
Maximum operating power (A)	14 (Mono) 5 (Three-phase)	27 (Mono) 9 (Three-phase)	40 (Single) 13 (Three-phase)	18 (Three-phase)
Recommended power cable cross-section m m2*	3 x 4 (Single) 5 x 2.5 (Three-phase)	3 x 6 (Single) 5 x 2.5 (Three-phase)	3 x 10 (Single) 5 x 4 (Three-phase)	5 x 4 (Three-phase)

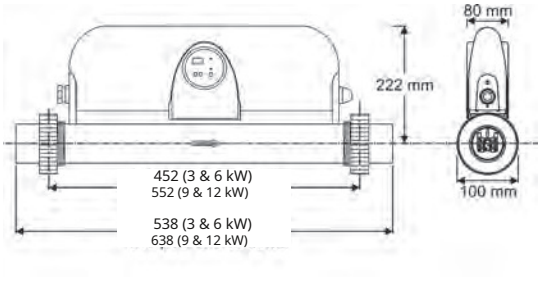
220-240V / 1 / 50-60 Hz
380-400V / 3 / 50-60 Hz

HEATING PERFORMANCE

Power (max-min) (kW)	3	6	9	12

DIMENSIONS AND WEIGHT

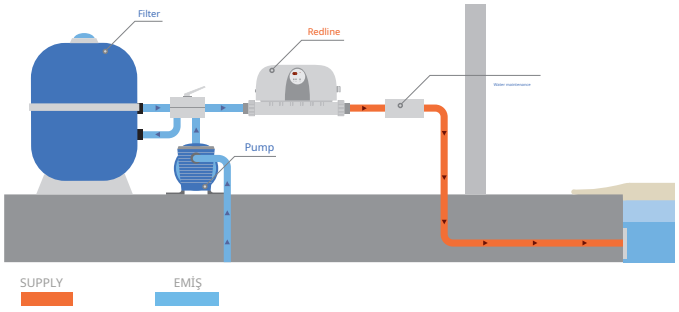
Product Dimensions1 (Length x Height x Depth)	538 x 222 x 100mm	538 x 222 x 100mm	638 x 222 x 100mm	638 x 222 x 100mm
product weight (kg)	4kg	4kg	4kg	4kg



INSTALLATION

" 2 pieces of Ø63 PVC fittings and Ø63-50 reductions and on-line connection1.

"Supports any ak1_ aspect:"
Simply rotate the device so that it aligns with the water flow direction.



RE/L

2 YEAR WARRANTY

MADE IN FRANCE

YEAR GUARANT1

EASY ASSEMBLY

EASY INTALLATION

EXPLANATION

+ L-shaped, space-saving.

+ 1 or 3-phase connection (on-site configuration)

+ Mechanical thermostat

" Control Panel
Mechanical 16-40 °C rotary thermostat
"Positive safety high temperature protection limit" "Waterproof EPDM sleeve resistors"
"Hypalon electrical connections"
"Ak1_ sensor"
Power contactor
"Single or three-phase electrical connection (on-site configuration)"
RE/L 3, 6 and 9: simplified single-phase 230V-50/60Hz three-phase 400V-50/60Hz (three-phase 230V on request)
"RE/L 12: three-phase 400V-50/60Hz only"

TECHNICAL SPECIFICATIONS

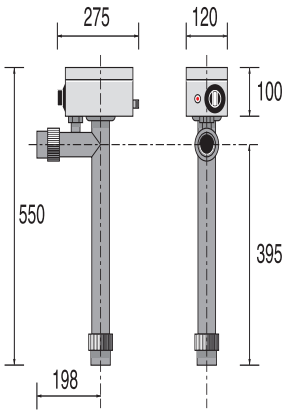
Model	RE/L 3	RE/L 6	RE/L 9	RE/L 12
Product Code	W40LE03	W40LE06	W40LE09	W40LE12
Unit Price EURO	1,300	1,400	1,500	1,600
Recommended flow rate (m3)/h)	5 - 22	5 - 22	5 - 22	5 - 22
Electrical power supply	220-240 V / 1 / 50-60 Hz & 380-400V / 3 / 50-60 Hz			380-400 V / 3 / 50-60 Hz
Maximum operating power (A)	14 (Single-phase) 5 (Three-phase)	27 (Single-phase) 9 (Three-phase)	40 (Single-phase) 13 (Three-phase)	18 (Three-phase)
Recommended power cable cross-section m m2*	3 x 4 (Single-phase) 5 x 2.5 (Three-phase)	3 x 6 (Single-phase) 5 x 2.5 (Three-phase)	3 x 10 (Single-phase) 5 x 4 (Three-phase)	5 x 4 (Three-phase)

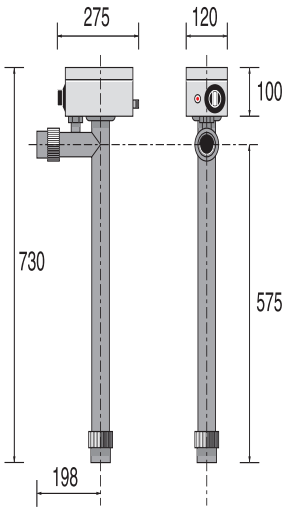
HEATING PERFORMANCE

Power (max-min) (kW)	3	6	9	12

DIMENSIONS AND WEIGHT

Product Dimensions1 (Length x Height x Depth)	275 x 550 x 120mm	275 x 550 x 120mm	275 x 730 x 120mm	275 x 730 x 120mm
product weight (kg)	4kg	4kg	5kg	5kg





ASSEMBLY

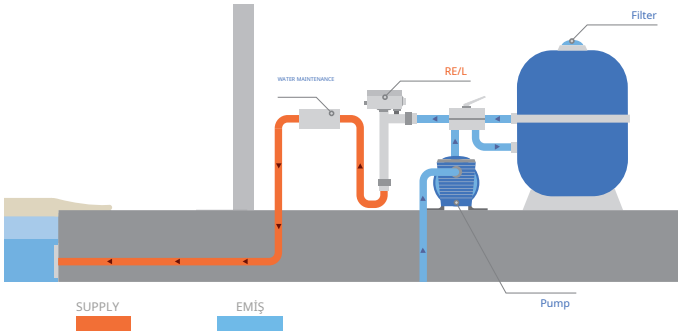
Shipped with wall mounting clamp.

It is done.

" Ø50 or Ø63 inline PVC piping ba lant1s1.

"Supports any ak1_ aspect:"

Simply rotate the device so that it aligns with the water flow direction.



ETNA

Naked model

Equipment Model

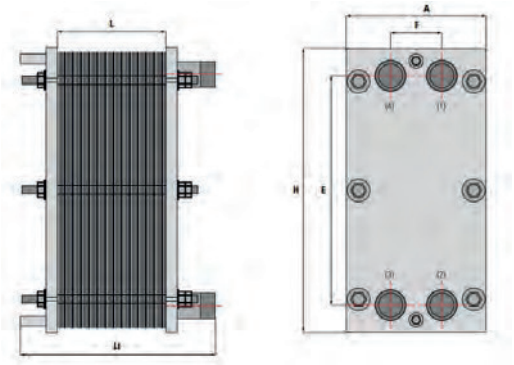
Equipment model + Circulation pump1

1-Primer Input_
2-Primary Return_
3-Secondary Input_
4-Secondary Turn_

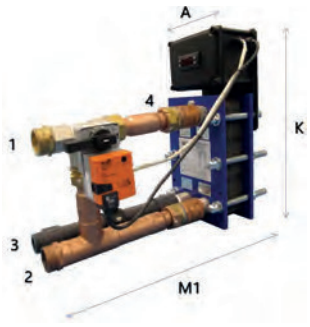
- Corrugated sheets made of AISI-316 or titanium.
- EPDM gaskets.
- Epoxy painted carbon steel frame.
- In equipment-free heat exchangers, ISO G2 direct threaded AISI-316 stainless steel connections.
- In the heat exchangers of the equipment, the primary connections are copper and the secondary connections are PVC.
- In the heat exchangers of the equipment, full regulation is achieved through the control of the filter pump.
- Dual display (setting point 1 and current reading).
- The simple circulation pump in the primary circuit is optional.

1-

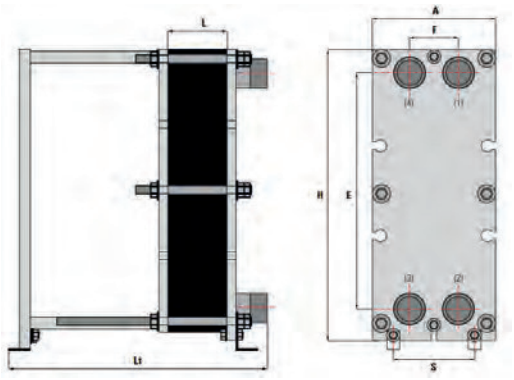
ETNA 15 - ETNA 200



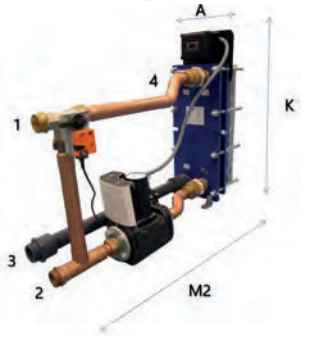
ETNA EQUIPMENT MODEL



ETNA 250 - ETNA 580



ETNA EQUIPPED + PUMPED MODEL



PRODUCT CODE & UNIT PRICE

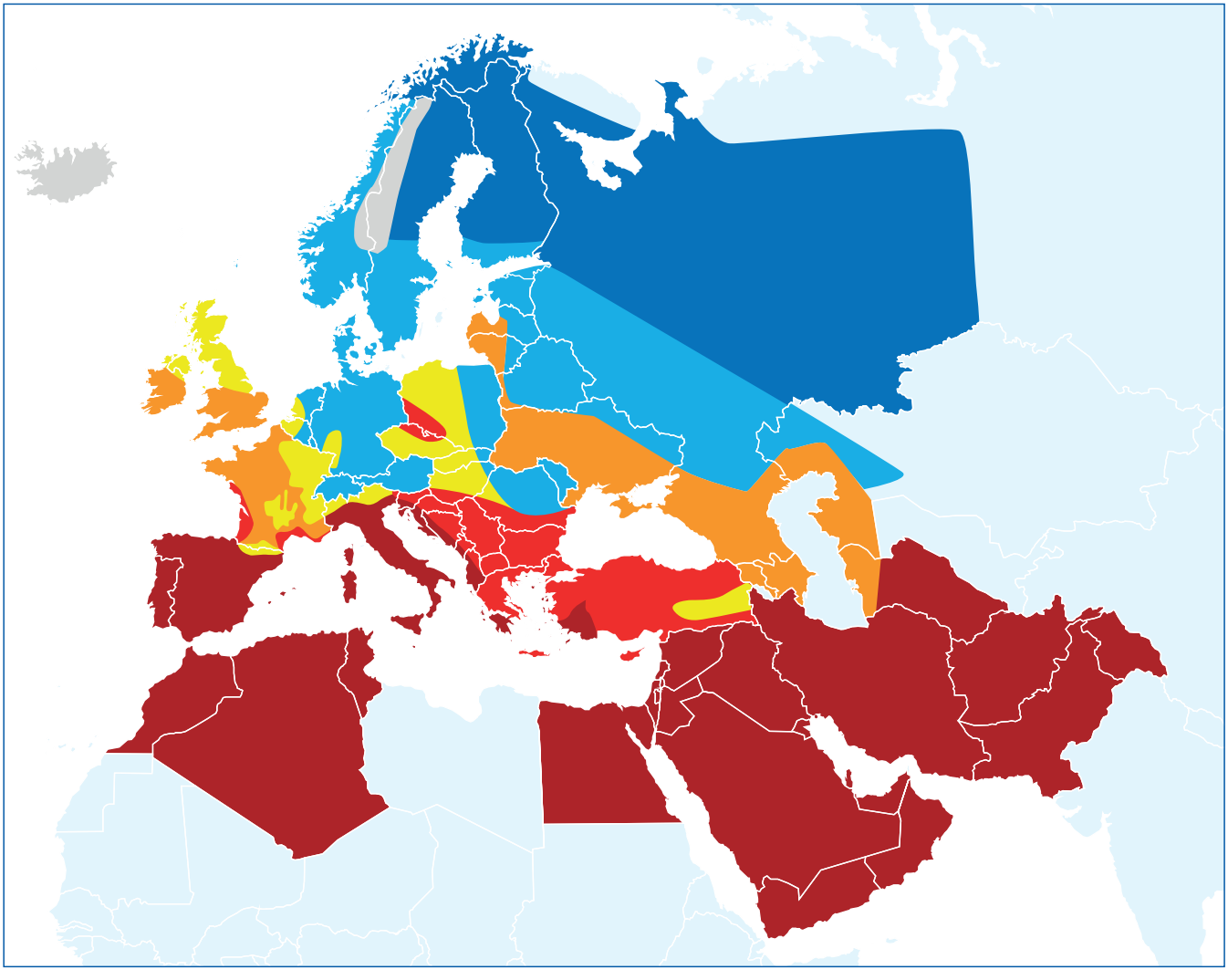
Model	Titanium					
	Naked model		Equipment Model		Complete Model(1)	
	Code	Unit Price EURO	Code	Unit Price EURO	Code	Unit Price EURO
ETNA-15	67994	1,800	68012	3,400	68030	5,000
ETNA-35	67995	2,000	68013	3,850	68031	5,800 ¬
ETNA-50	67996	3,400	68014	4,600	68032	6,100 ¬
ETNA-60	67997	3,400	68015	5,200	68033	7,600
ETNA-90	67998	4,600	68016	5,700	68034	8,600
ETNA-120	68226	5,300	68017	7,100	68035	9,900 ¬
ETNA-150	68227	6,600	68018	8,100	68036	11,900 ¬
ETNA-180	68228	8,250	68019	10,300	68037	12,900 ¬
ETNA-200	68229	8,400	68020	10,900	68038	13,500 €
ETNA-250	33137	8,900	33155	11,900	33173	18,000
ETNA-300	33139	9,350	33157	13,000	33175	19,300
ETNA-350	33140	10,500	33158	13,800	33176	20,500
ETNA-400	33141	11,200	33159	15,000	33177	22,200 ¬
ETNA-460	69796	12,400	33160	15,700	33178	22,500 ¬
ETNA-500	69797	13,000	33161	16,300	33179	23,500 €
ETNA-580	69798	16,000	33162	20,500	33180	27,900 ¬

(1) Complete equipment includes a model primary circuit circulation pump.

> HEAT PUMPS COMPARISON TABLE

	MODEL	PROELYO TOUCH	ECO ELYO	EVOLINE
	Professional advice recommended	√	√	√
Key factors for H1zl1 primary election	Minimum working temperature (T°C)	-20°C	-5°C	+ 0°C
	Season	All Year	Season Extension	Season Extension
	Technology	FULL INVERTER	FULL INVERTER	ON-OFF
	Cooling mode	√	√	√
	App Control (wifi)	√ Fluidra Pool (with optional iQBridge RS)	√ Fluidra Pool	√
	Air outlet1_1	Horizontal	Horizontal	Horizontal
	Is1 pump1 location requirement	+ +	+ +	+ +
	Electric power supply 1	Single phase and 3 phase1	Single phase and 3 phase1	single-phase and three-phase
	suitability for interior use	x	x	x
Performance	**Power range 1 1** (@26°C Air / 26°C Water)	8.5 kW to 35 kW (10 powers)	5.5 kW to 31 kW (11 powers)	4.7 kW to 30.9 kW (10 powers)
	Power range 1 1 (@15°C Air / 26°C Water)	6 kW to 25 kW (10 powers)	3.5 kW to 24 kW (11 powers)	3.2 kW to 22.8 kW (10 powers)
	Compressor details	Rotary duct compressor	Rotary duct compressor	Rotary duct compressor
	Gas type	R32/R410A	R32	R32/R410A
Performance at near power levels comparison	Power kW @26°C	15.9 kW	15 kW	14.9 kW
	COP @26°C	16*	16.3*	6.3
	Power @15°C	11 kW	11 kW	10.7 kW
	COP @15°C	8*	7.7*	4.9
	Sound (dB)	Height: 68 Silent: 54	Height: 67 Silent: 55	56
	Sound at 10m (dB) @10m	Height: 37 Silent: 23	Height: 36 Silent: 24	25
Mod	Silent mode	√	√	x
	Ak1ll1 Mod	√	√	x
	Boost/Standard mode	√	√	√
Technical Specifications	Defrosting type	Loop reversal	Loop reversal	Loop reversal
	Till	ABS	TOP in ABS + Galvanized steel	ABS
	OTA (over-the-air) hardware software (update)	x	x	x
Usage easy1 1	**Is1tma priority i** (filtration control)	√	√	
	HMI type	LCD LED	LCD	LCD
Guarantee	Is1 Pump warranty	2 years	2 years	2 years
	Compressor warranty	2 years	2 years	2 years
	Condenser warranty **(corrosion protection_1)**	2 years	2 years	2 years
Accessories	**K1_ Cover**	√	√	√
	Yo u_ma evacuation kit	√	√	√
	Water connections	PVC and gaskets, **1/2ba lant1l1, Ø 50**	PVC and gaskets, **1/2ba lant1l1, Ø 50**	2 x PVC 1/2**ba lant1**Ø 50
	Vibration snow_1t1 foot	x 4	x 4	x 4
	Remote Control Kit		√ (10m cable)	√ (10m)
	10m Modbus Signal cable	√		
	Free mobile APPLICATION	√	√	√
	Optional	"Remote viewing kit (screen) (+ 10 m cable) " iQ Bridge RS (**Ba lant1**))	" iQ Bridge RS (**Ba lant1**)	

> CLIMATE



Region 1	
Region 2	
Region 3	
Region 4	
Region 5	
Region 6	
Region 7	

HEAT PUMP SELECTION GUIDE

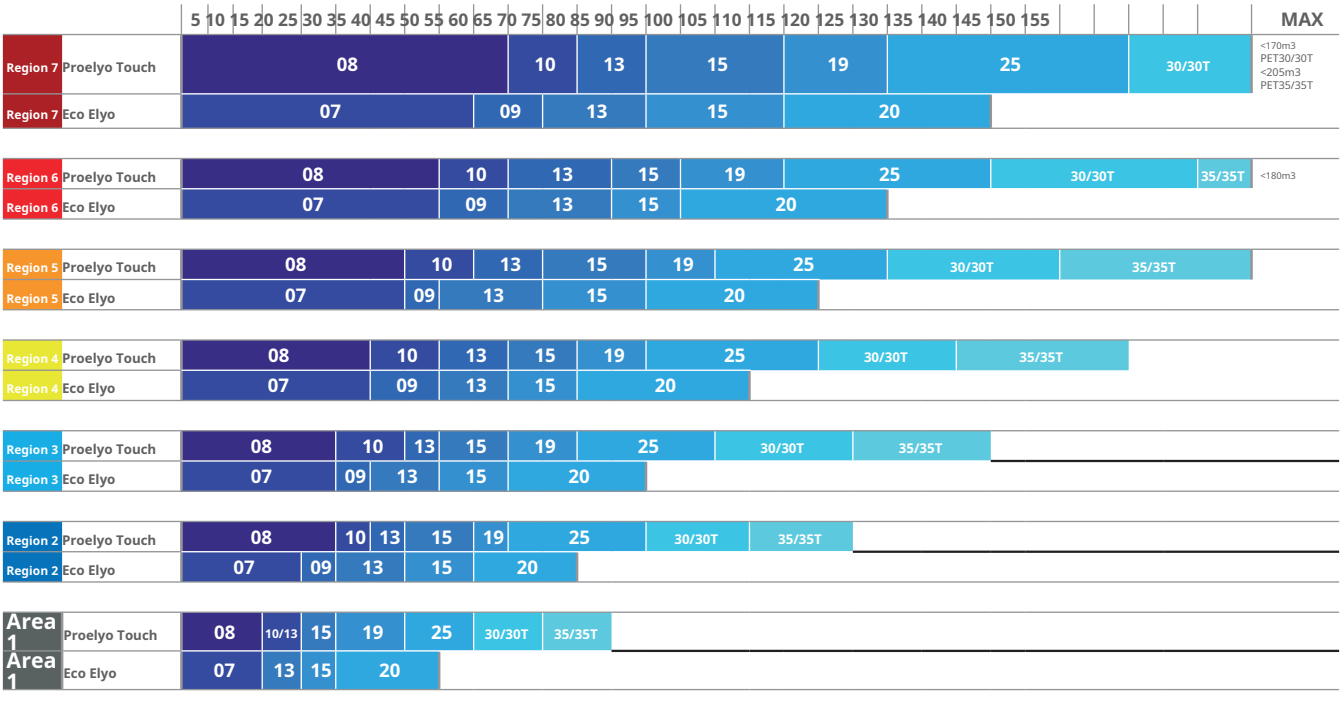
A private pool, 1.5 meters deep with a 14-hour filtration period, is provided for use from May 15th to September 15th, with a maximum temperature of 15°C to 28°C every 4 days.

SELECT POWER IN LESS THAN 1 MINUTE.

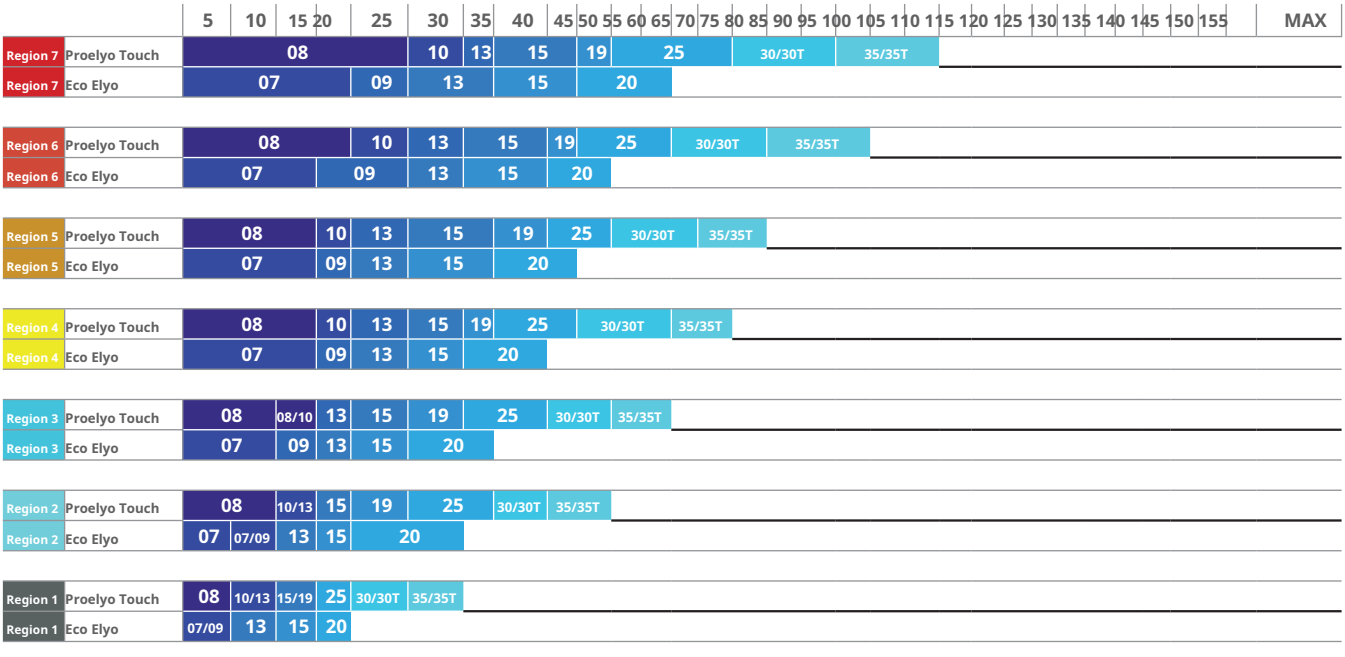
How to Read: Eco Elyo 13 is required for a 35 m^3 pool with a cover located in Zone 2.

HEAT PUMP SERIES FOR USE WITH POOL COVER

		5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100 105 110 115 120 125 130 135 140 145 150 155	MAX
Region 7	Proelyo Touch	08 10 13 15 19 25 30/30T	<170m3 PET30/30T <205m3 PET35/35T
Region 7	Eco Elyo	07 09 13 15 20	
Region 6	Proelyo Touch	08 10 13 15 19 25 30/30T 35/35T	<180m3
Region 6	Eco Elyo	07 09 13 15 20	
Region 5	Proelyo Touch	08 10 13 15 19 25 30/30T 35/35T	
Region 5	Eco Elyo	07 09 13 15 20	
Region 4	Proelyo Touch	08 10 13 15 19 25 30/30T 35/35T	
Region 4	Eco Elyo	07 09 13 15 20	
Region 3	Proelyo Touch	08 10 13 15 19 25 30/30T 35/35T	
Region 3	Eco Elyo	07 09 13 15 20	
Region 2	Proelyo Touch	08 10 13 15 19 25 30/30T 35/35T	
Region 2	Eco Elyo	07 09 13 15 20	
Area 1	Proelyo Touch	08 10/13 15 19 25 30/30T 35/35T	
Area 1	Eco Elyo	07 13 15 20	



HEAT PUMP SERIES 1 FOR POOL USE WITHOUT COVER



		5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100 105 110 115 120 125 130 135 140 145 150 155	MAX
Region 7	Proelyo Touch	08 10 13 15 19 25 30/30T 35/35T	
Region 7	Eco Elyo	07 09 13 15 20	
Region 6	Proelyo Touch	08 10 13 15 19 25 30/30T 35/35T	
Region 6	Eco Elyo	07 09 13 15 20	
Region 5	Proelyo Touch	08 10 13 15 19 25 30/30T 35/35T	
Region 5	Eco Elyo	07 09 13 15 20	
Region 4	Proelyo Touch	08 10 13 15 19 25 30/30T 35/35T	
Region 4	Eco Elyo	07 09 13 15 20	
Region 3	Proelyo Touch	08 08/10 13 15 19 25 30/30T 35/35T	
Region 3	Eco Elyo	07 09 13 15 20	
Region 2	Proelyo Touch	08 10/13 15 19 25 30/30T 35/35T	
Region 2	Eco Elyo	07 07/09 13 15 20	
Region 1	Proelyo Touch	08 10/13 15/19 25 30/30T 35/35T	
Region 1	Eco Elyo	07/09 13 15 20	

ProElyo Touch

+ **Full inverter technology: quiet and energy-efficient.**
+ **8 power options ranging from 8.5 kW to 35 kW*.**
+ **- Ability to operate in very low air temperatures of -20°C.**

EXPLANATION

- Horizontal air vent
- Full Inverter Technology with 3 operating modes:

- Boosr: Maximum power for rapid heating at the start of the season.
- Smart: Automatic power adjustment between Ecosilence and Boost.
- EcoSilence: Greater energy savings and lower noise levels.
- Connectivity via free mobile app thanks to iQBridge RS accessory (optional)
- ABS plastic casing • Heating priority mode (filtration pump control)
- Timer mode •

Automatic defrost

- Titanium electro-exchanger (fully compatible with salt-chlorine systems)
- Scroll compressor
- LCD screen and touch buttons

ACCESSORIES INCLUDED IN THE PACKAGE

"K1_ cover"
"Condensate drainage kit" 2 x PVC 1/2" fitting Ø 50" 4 x vibration damping blocks"
Modbus connection cable 10m

OPTIONAL ACCESSORIES

"Control panel - 74199"
iQBridge RS - 75042

TECHNICAL SPECIFICATIONS

Name	Pro Elyo Touch 13	Pro Elyo Touch 15	Pro Elyo Touch 19	Pro Elyo Touch 25	Pro Elyo Touch 30	Pro Elyo Touch 35	Pro Elyo Touch 30T	Pro Elyo Touch 35T
Product Code	74168	74169	74170	74171	74172	74173	74174	74175
Unit Price EURO	€3,975	€5,050	€5,600	€7,100	€8,400	€10,000	€10,200	€10,500
EN 17645 Rating	A	A	A	A	A	A	A	A
EN 17645 SCOP	7.6	7.7	7.6	7.6	7.6	7.5	7.2	7.1
Recommended flow rate (m3)/h)	6	7	8	10	13	13	13	13
Electrical power supply	220-240 V / 1 / 50-60 Hz						380-400 V / 3 / 50-60 Hz	
Nominal operating power (A)	7.2	9.2	10.5	13.2	17	22.9	7	8.4
Maximum operating power (A)	10	13	14.7	18.5	24	32	9.8	11.8
Recommended power cable cross-section m m2**	3 x 2.5	3 x 2.5	3 x 2.5	3 x 4	3 x 4	3 x 6	5 x 2.5	5 x 4
So utucu ak1_kan	R32	R32	R32	R32	R32	R32	R410A	R410A
So utucu ak1_kan miktar1 (kg)	1	1.1	1.5	1.9	2	2.6	3.8	4
Acoustic power (max.-min) (dBA)**	66 - 44	66 - 44	68 - 54	70 - 65	74 - 56	74 - 56	74 - 56	74 - 56
Acoustic pressure 10m (max-min) (dBA)**	35 - 23	37 - 23	37 - 23	39 - 24	43 - 25	43 - 25	43 - 25	43 - 25

HEATING PERFORMANCE

AIR 26°C / WATER 26°C / HUMIDITY 80%								
Power (max-min) (kW)	13.5 - 3	15.9 - 3	19 - 8	25.5 - 6.7	30 - 6	35 - 8	30 - 6	35 - 8
Input power (max-min) (kW)	2.2 - 0.2	2.6 - 0.2	3.3 - 0.25	4.2 - 0.3	5 - 0.35	5.9 - 0.5	5 - 0.35	5.9 - 0.5
RUBBISH	6.2 - 16	6-16	6-16	6-16	6-16	6-16	6-16	6-16
AIR 15°C / WATER 26°C / HUMIDITY 70%								
Power (max-min) (kW)	9 - 2	11 - 2.5	13 - 3	17 - 4	21 - 5.5	25 - 5.5	21 - 5.5	25 - 5.5
Input power (max-min) (kW)	2 - 0.25	2.5 - 0.3	2.9 - 0.4	3.9 - 0.5	4.6 - 0.7	5.4 - 0.7	4.6 - 0.7	5.4 - 0.7
RUBBISH	4.5 - 8	4.5 - 8	4.5 - 8	4.5 - 8	4.5 - 8	4.5 - 8	4.5 - 8	4.5 - 8

DIMENSIONS AND WEIGHT

Product Dimensions1 (Length x Height x Depth)	1074 x 706 x 448mm	1074 x 706 x 448mm	1103 x 873 x 454mm	1103 x 873 x 454mm	1079 x 1286 x 472mm	1079 x 1286 x 472mm	1079 x 1286 x 472mm	1079 x 1286 x 472mm
product weight (kg)	73kg	78kg	98kg	117kg	128kg	130kg	128kg	130kg

* Cable is not included in the package. This is the recommended cross-section for a maximum distance of 20 m.
* * According to EN60704-1:2010+A11:2012 standard

HEAT PUMPS

ECO ELYO

+ Full inverter technology: quiet and energy-efficient.
+ 120m3 for pools up to
+ Internal link: Fluidra Pool free mobile app.

EXPLANATION

- Horizontal air vent
- Full inverter technology with 3 operating modes:
  - Boost: Maximum power for rapid warm-up at the start of the season.
  - Smart: Automatic power adjustment between Ecosilence and Boost.
  - EcoSilence: Greater energy savings and lower noise levels.
- Top panel: ABS, body: galvanized steel
- Heating priority mode (filtration pump control)
- Timer mode
- Automatic defrost
- Titanium electro-exchanger (fully compatible with salt-chlorine systems)
- Scroll valve compressor
- LCD screen

ACCESSORIES INCLUDED IN THE PACKAGE

"K1_ cover" kit" preventive wedge
" 2 x PVC 1/2" Fitting

Ø 5
0 " 4 x Vibration_im

TECHNICAL SPECIFICATIONS

Name	ECO ELYO-13	ECO ELYO-15	ECO ELYO-20	ECO ELYO-20T	ECO ELYO-24	ECO ELYO-24T	ECO ELYO-30	ECO ELYO-30T
Product Code	76660	76661	76662	77251	77252	77253	77254	77255
Unit Price EURO	€2,300	€2,750	€3,500	€4,600	€5,000	€5,500	€5,150	€5,600
EN 17645 Rating	A	A	A	A	A	A	A	A
EN 17645 SCOP	9.6	7.7	8.5	8.1	8.8	8.8	8.6	8.6
Recommended flow rate (m3)/h)	5	6	7	7	8	8	11	11
Electrical power supply	220-240 V / 1 / 50-60 Hz	220-240 V / 1 / 50-60 Hz	220-240 V / 1 / 50-60 Hz	380-400 V / 3 / 50-60 Hz	220-240 V / 1 50-60 Hz	380-400 V / 3 / 50-60 Hz	220-240 V / 1 50-60 Hz	380-400 V / 3 50-60 Hz
Nominal operating power (A)	8.4	10.7	14	6	17	7.4	23	10
Maximum operating power (A)	13	16	18.25	7.9	21.7	9.4	30	13
Recommended power cable cross-sectionmm2**	3 x 2.5	3 x 4	3 x 4	5x2.5	3 x 4	5 x 2.5	3 x 6	5 x 4
So utucu ak1_kan	R32	R32	R32	R32	R32	R32	R32	R32
So utucu ak1_kan miktar1 (kg)	0.6	0.7	1	1	1,2	1,2	1.5	1.5
Acoustic power (max.-min.) (dBA)**	64 - 51	68 - 55	70 - 57	70-57	71-59	71-59	75-63	75-63
Acoustic pressure 10m (max-min) (dBA)**	33 - 20	36 - 24	39 - 26	39-26	40-29	40-29	42-33	42-33

HEATING PERFORMANCE

AIR 26°C / WATER 26°C / HUMIDITY 80%

Power (max-min) (kW)	13 - 2.4	15 - 2.5	20 - 7.6	20 - 7.6	24 -6.8	24 - 6.8	31 - 9.3	31 - 9.3
Input power (max-min) (kW)	2 - 0.1	2.5 - 0.1	3.6 - 0.6	3.6 - 0.6	4.4 - 0.5	4.4 - 0.5	5.6 - 0.7	5.6 - 0.7
RUBBISH	6.5 - 16.4	6 - 16.3	5.5 - 12.3	5.5 - 12.3	5.4 - 13.7	5.4 - 13.7	5.5 - 13.3	5.5 - 13.3

AIR 15°C / WATER 26°C / HUMIDITY 70%

Power (max-min) (kW)	9 - 1.7	11 - 1.9	15 - 5.4	15 - 5.4	18 - 5	18 - 5	24 -6.3	24 - 6.3
Input power (max-min) (kW)	1.9 - 0.2	2.3 - 0.2	3.2 - 0.7	3.2 - 0.7	4 - 0.6	4 - 0.63	5.3 - 0.8	5.3 - 0.82
RUBBISH	4.8 - 7.8	4.8 - 7.7	4.6 - 7.5	4.6 - 7.5	4.5 - 7.9	4.5 - 7.9	4.5 - 7.7	4.5 - 7.7

DIMENSIONS AND WEIGHT

Product Dimensions1 (Length x Height x Depth)	831 x 654 x 393mm	914 x 654 x 393mm	1111 x 754 x 413mm	1111 x 754 x 413mm	1141 x 854 x 545mm	1141 x 854 x 545mm	1141 x 854 x 545mm	1141 x 854 x 545mm
product weight (kg)	46kg	52.5 kg	66kg	70.5 kg	86kg	86.5 kg	100.5 kg	99kg

EXCELLIUM INVERTER

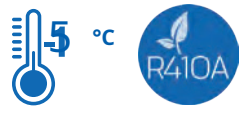
Energy saving and efficiency for all types of pools.

The Excellium Inverter 1s1 pump provides maximum energy savings thanks to its Full Inverter technology. It is an ideal solution for large swimming pools in hotels, campsites, sports clubs, public swimming pools, wellness areas, spas, and water parks.

Sustainability
Aerothermal heating is a technology that uses heat from the environment, a renewable energy source. It is the most efficient system for heating pool water and reducing emissions. When combined with green electricity, it becomes a clean energy source.

Increased efficiency in temperature control.
Inverter technology maintains temperature with minimal fluctuations. There is no need to restart the entire system at full power, which creates extra startup costs.

Energy efficiency
This 1s1 pump can deliver a COP (coefficient of performance) of 4.8 by using the heat of the natural air at 15 degrees outside temperature; this means that it produces 4.8 kW of energy heat for every unit of energy consumed.



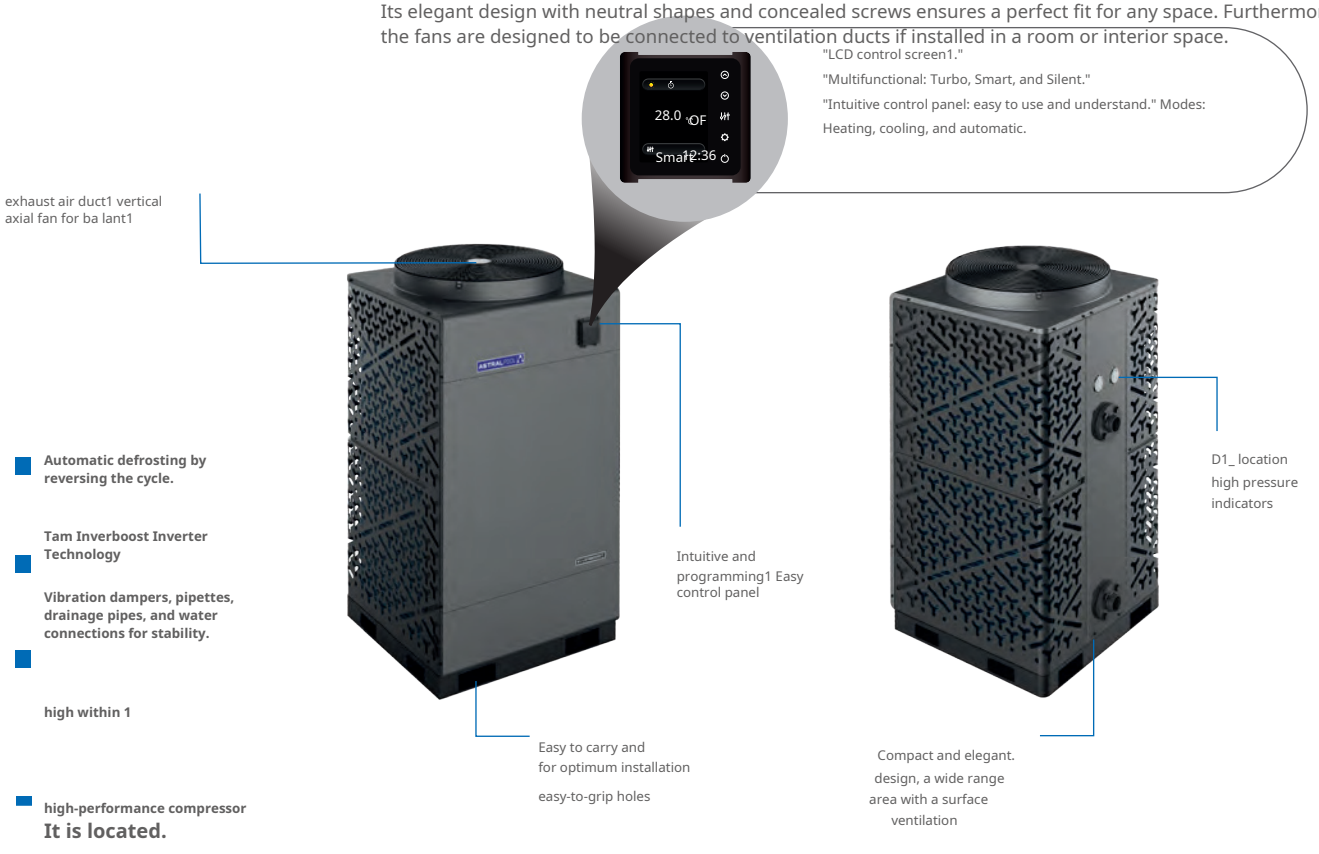
Silence and Endurance
The Excellium pool pump 1s1 reduces noise to 41 dB(A) thanks to Inverter technology in the compressor and fans. Furthermore, because it doesn't need to operate at full speed, there is less wear and tear on the parts, extending their service life.

Plug and Play Solution
Its compact size and ease of installation offer a wide range of areas and applications into which it can be integrated. Furthermore, because it contains a titanium heat exchanger, it is compatible with all types of water treatment processes.

Cost effectiveness and savings.
The consumption system adapts to your needs. Inverter technology provides the right amount of energy needed at any given time. Electricity consumption is significantly reduced, which is reflected in your bills.

Year 1, 365 days of swimming season
It is a heat pump that can be used all year round. It can heat water in winter even when the outside air temperature is -15°C, and because it is reversible, it can also cool water in summer if needed.

D1_ for space or interior
Its elegant design with neutral shapes and concealed screws ensures a perfect fit for any space. Furthermore, the fans are designed to be connected to ventilation ducts if installed in a room or interior space.



EXCELLIUM INVERTER

Energy saving and efficiency for all types of pools.

TECHNICAL SPECIFICATIONS						
Model		EXC INV 30	EXC INV 45	EXC INV 60	EXC INV 90	EXC INV 130
Product Code		75397	75398	75399	75400	75401
Unit Price EURO		16,000.00	19,000.00	30,000.00	38,500.00	65,000.00
Power supply	V/Ph/Hz			380-415/3/50		
Nominal operating power	A	14.4	16.5	28.0	34.5	53
Recommended water flow rate	m3/h	20-28	26-35	37-45	56-70	80-95
Hydraulic connection	mm	63	63	90	90	90
Pressure loss	kpa	30	32	35	38	46
Compressor say1s1		2	2	2	2	2
Compressor brand1				Mitsubishi		
So utucu ak1_kan				R410A		
Sa utucu ak1_kan miktar1	kg	5.3	6	11	14	19
Noise level 10m	dB(A)	40	42	43	44	48
Sound level 1m	dB(A)	41-58	43-62	44-62	46-65	50-68

HEATING PERFORMANCE						
Weather 28heC / Water 28heC / Humidity 80%						
C1k1_ power	kW	45	60	85	130	185
RUBBISH		5,6	5,6	5.8	5.9	5.9
SMART power	kW	36	52	68	105	150
SMART POPS		10.3	10.4	10.5	10.5	10.5
Input power	kW	1.63-8.03	2.62-10.71	2.85-14.66	5.24-22	6.27-33.1
Air 15heC / Water 26heC / Humidity 70%						
C1k1_ power	kW	30	45	60	95	130
RUBBISH		4.5	4.5	4.8	4.8	4.7
SMART power	kW	24	36	48	75	104
SMART POPS		7.4	7.5	7.9	7.9	7.8
Input power	kW	1.25-6.67	2.47-10.47	2.38-12.5	5.49-23.26	5.25-27.65
Air temperature -10heC / Water 26heC / Humidity 78%						
C1k1_ power	kW	19	25	35	55	75
Input power	kW	6.6	8.7	12.1	19	26.7
RUBBISH		2.9	w2,9	2.9	2.9	2.8

Cooling PERFORMANCE						
Air 30heC / Water 26heC						
C1k1_ power	kW	23	30	43	64	92
Input power	kW	6.8	8.8	12.7	18.9	27.9
EER		3,4	3,4	3,4	3,4	3,4
Air 43heC / Water 26heC						
C1k1_ power	kW	15	20	28	41	60
Input power	kW	5,6	7.41	10.4	15.2	23.1
EER		2.7	2.7	2.7	2.7	2.6

DIMENSIONS						
Net a 1rl1k	kg	290	294	560	590	810
Length	mm	866	866	1958	1958	2080
Height	mm	1604	1604	1699	1699	1830
Width	mm	850	850	968	968	1172

CHILLER SOLUTIONS

Alaska

+ **D1_ compact model for on-site installation.**
+ **+ 5°C minimum outdoor air temperature**

PROFESSIONAL ADVICE RECOMMENDED

2 YEAR GUARANTI

ON/OFF

+5°C MIN. TEMP. AIR

EXPLANATION

- Horizontal air vent
- For outdoor installation
- +5°C minimum outdoor temperature.
- LCD screen.
- Heating priority (filtration pump control).
- Includes Modbus connectivity.
- Made of corrosion-resistant magnesium-coated aluminum.
- Helical fans with directly coupled motors.
- Defrost thermostat in the evaporator for improved performance.
- HP and LP safety pressure switches.
- Water flow switch.
- Capacitor made of copper tube with coated aluminum fins (designed for corrosive environments).
- Sliding compressor with crankcase resistance and deoxidized copper.
- Thermostatic expansion valve.
- Titanium evaporator with PVC shell and G2 titanium coil, conforming to ASTM B 338.99 standard.
- Guaranteed against corrosion.
- Antacid dehydration filter.
- The fan for Alaska 10/15/17 has a vertical air outlet.

TECHNICAL SPECIFICATIONS

Name	ALASKA-4	ALASKA-6	ALASKA-8	ALASKA-10	ALASKA-15	ALASKA-17
Product Code	32535-MOB	32536-MOB	32537-MOB	32538-MOB	32540-MOB	32541-MOB
Unit Price EURO	14,000.00	15,500.00	17,500.00	21,000.00	28.00,00	31,300.00
Recommended flow rate (m3)/h)	6 - 10	6 - 10	7 - 12	7 - 12	10 - 15	10 - 15
Electrical power supply	220-240 V / 1 / 50 Hz	220-240 V / 1 / 50 Hz	380-400 V / 3 / 50 Hz	380-400 V / 3 / 50 Hz	380-400 V / 3 / 50 Hz	380-400 V / 3 / 50 Hz
Air flow rate (m^3)/h)	3800	4900	5500	9800	11000	11000
refrigerant	R407C	R407C	R407C	R407C	R407C	R407C
Refrigerant Quantity (kg)	2	4.3	4.8	5.5	6.3	6.6

Cooling PERFORMANCE

AIR 27°C / WATER 12°C						
Cooling capacity (kW)	4.4kW	5.7kW	8.9kW	10.7kW	16.6kW	22.7kW
Input power (kW)	1.3kW	2kW	2.8kW	3.6kW	5kW	6.6kW
coolingEER	3.3	2.9	3.1	3	3,4	3.5

DIMENSIONS AND WEIGHT

Product Dimensions1 (Length x Height x Depth)	1311 (+80) x 746 x 512mm	L 1311 (+80) x 746 x 540mm	L 1411 (+80) x 846 x 556mm	L 1372 (+80) x 890 x 650mm	L 1728 (+80) x 866 x 708mm	
product weight (kg)	80kg	92kg	102kg	133kg	167kg	197kg

* Cable is not included in the package. This is the recommended cross-section for a maximum distance of 20 m.
* * According to EN60704-1:2010+A11:2012 standard

Siberia

+ **1. Compact model for indoor installation.**
+ **+ 5°C minimum outdoor air temperature**

2 YEAR GUARANT1 YEAR WARRANTY

ON/OFF

+5°C MIN. TEMP. AIR

EXPLANATION

- Horizontal air vent
- For indoor installation
- +5°C minimum outdoor temperature.
- LCD screen.
- Heating priority (filtration pump control).
- Includes Modbus connectivity.
- Made of aluminum coated with non-corrosive magnesium.
- Centrifugal fan
- Defrost thermostat in the evaporator for improved performance.
- HP and LP safety pressure switches.
- Water flow switch.
- Capacitor made of copper tube with coated aluminum fins (designed for corrosive environments).
- Sliding compressor with crankcase resistance and deoxidized copper.
- Thermostatic expansion valve.
- Titanium evaporator with PVC shell and G2 titanium coil, conforming to ASTM B 338.99 standard.
- Guaranteed against corrosion.
- Acid-preventing dehydration filter

TECHNICAL SPECIFICATIONS

Model	SIBERIA-4	SIBERIA-6	SIBERIA-8	SIBERIA-10	SIBERIA-15	SIBERIA-17
Product Code	33301-MOB	33302-MOB	33303-MOB	33304-MOB	33306-MOB	33307-MOB
Unit Price EURO	13,500.00	17,000.00	18,750.00	23,000.00	27,250.00	32,000.00
Recommended flow rate (m3)/h)	6-10	6-10	7-12	7-12	10-15	10-15
Electrical power supply	220-240 V / 1 / 50 Hz	220-240 V / 1 / 50 Hz	380-400 V / 3 / 50 Hz	380-400 V / 3 / 50 Hz	380-400 V / 3 / 50 Hz	380-400 V / 3 / 50 Hz
Air flow rate (m^3)/h)	3800	4900	5500	9800	11000	11000
COOLING	R407C	R407C	R407C	R407C	R407C	R407C
COOLING	2	4.3	4.8	5.5	6.3	6.6

COOLING PERFORMANCE

AIR 27°C / WATER 12°C

Cooling capacity (kW)	4.4kW	5.7kW	8.9kW	10.7kW	16.6kW	22.7kW
Input power (kW)	1.8kW	2.3kW	3.2kW	4.5kW	7.7kW	9.3kW
Cooling EER	2.4	2.5	2.8	2.4	2.2	2.5

DIMENSIONS AND WEIGHT

Product Dimensions1 (Length x Height x Depth)	L 1311 (+80) x 746 x 550 (+50)mm	L 1311 (+80) x 746 x 700 (+50)mm	L 1411 (+80) x 846 x 750 (+50)mm	L 1372 (+80) x 890 x 655 (+50)mm	L 1728 (+80) x 866 x 655 (+50)mm	
product weight (kg)	97kg	112kg	120kg	188kg	219kg	224kg

* Cable is not included in the package. This is the recommended cross-section for a maximum distance of 20 m.
* * According to EN60704-1:2010+A11:2012 standard

Proheat II Indoor

"Ability to operate at 0°C minimum outdoor temperature.
"Digital display, easy-to-use control panel, showing current temperature and setpoint, and alarm messages."
"Heating priority mode (filter pump control)."
"Robust, lightweight casing made of corrosion-resistant magnesium-coated aluminum. Axial fan."
"Automatic cooling mode (chiller model)."
Automatic defrosting.
"HP & LP safety pressure switch. "
Water flow switch.
"G2 Titanium water heat exchanger condensers. Corrosion resistant. Scroll compressor."
"Thermostatic expansion valve with external balancing unit."
"High performance in lacquered aluminum fins and inner grooved copper tube, especially for corrosive environments."
evaporator coil1.
"Control of the water purification system."
Automatic electrical protections.
"Centrifugal fans can thus be installed in a technical room using unit air duct1. It can be supplied with a power frequency of 60 Hz depending on the request."

MADE IN EUROPE

Fluidra Connect
Compatible

FOR THE ELECTION
CONSULT OUR TECHNICAL TEAM

TECHNICAL SPECIFICATIONS

Model		PROHEAT II IND-35	PROHEAT II IND-45	PROHEAT II IND-60	PROHEAT II IND-90	PROHEAT II IND-120
Product code		69649-MOB	69650-MOB	69651-MOB	69652-MOB	69653-MOB
		€31,500	€35,000	€39,000	€45,000	€56,000
Recommended water flow rate	m3/h	12-15	15-25	25-35	30-50	50-70
Hydraulic connection	mm	63		75		
Power supply	V/Ph/Hz	400/3/50				
Nominal operating power	A	14.6	18.6	25.1	29.1	45.6
Maximum operating power	A	23.9	31.4	40.7	62.8	81.4
Recommended cable cross-section*		4	6	10	16	25
Refirgerant		R-410A				
Refrigerant QUANTİTY	kg	6	9	12	2 x 7	2 x 9
Fan say1s1		1			2	
Sound level	dBA (d*)	59.2	59.6	60.0	61.1	61.5
	dBA (5m)	55.4	55.8	56.1	56.5	56.6

HEATING PERFORMANCE

Model		PROHEAT II IND-35	PROHEAT II IND-45	PROHEAT II IND-60	PROHEAT II IND-90	PROHEAT II IND-120
AIR 25°C / WATER 26°C						
C1k1_ power	(kW)	43.6	44.4	63.5	91.3	125.5
Input power	(kW)	6.7	9.4	11.8	18.7	23.6
RUBBISH		6.5	6.0	6.0	6.0	6.0
AIR 15°C / WATER 26°C						
C1k1_ power	(kW)	34.9	45.0	57.5	90.1	114.9
Input power	(kW)	6.4	8.6	11.0	17.1	22.1
RUBBISH		5.4	5.3	5.2	5.3	5.2
AIR 5°C / WATER 26°C						
C1k1_ power	(kW)	27.4	35.2	45.2	70.5	90.3
Input power	(kW)	6.5	8.5	11.2	16.9	22.3
RUBBISH		4.2	4.2	4.1	4.2	4.1

* Recommended cross-section for a maximum length of 20 meters. Cable is not included in the package contents. NOTE: d* = according to UNE-EN 12102/ISO 3744:2010.

Proheat II

- Operation at a minimum air temperature of 0°C.
- 2 models: Standard and Chiller.
- Digital display.
- Heating priority mode (filtration pump control).
- A robust, lightweight case made of corrosion-resistant magnesium-coated aluminum.
- Axial fan.
- Automatic cooling mode for chiller models.
- Automatic defrost.
- HP & LP safety pressure switch.
- Water flow1_key1.
- G2 Titanium water heat exchanger condensers. Corrosion resistant (guaranteed).
- Scroll compressor.
- Thermostatic expansion valve with external balancing unit.
- High-performance evaporator coil with lacquered aluminum fins and inner grooved copper tube, especially suitable for corrosive environments.
- Automatic electrical protection systems1.

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Fluidra Connect
Compatible

R410A

PROFESSIONAL ADVICE RECOMMENDED

TECHNICAL SPECIFICATIONS

Model		PROHEAT II 35	PROHEAT II 45	PROHEAT II 60	PROHEAT II 90	PROHEAT II 120
Code	STANDARD	65542-MOB	65543-MOB	65544-MOB	65545-MOB	65546-MOB
		€21,000	€26,500	€32,000	€52,000	€53,000
	CHILLER	68245-MOB	68246-MOB	68247-MOB	68248-MOB	68249-MOB
		€31,000	€33,000	€39,000	€58,000	€70,000
So utucu ak1_kan	m3/h	12-15	15-25	25-35	30-50	50-70
Recommended water flow rate	mm	63			75	
Hydraulic connection	V/Ph/Hz	400/3/50				
Power supply		R-410A				
So utucu ak1_kan miktar1	kg	4	6	9	2 x 6.5	2 x 9
Fan s		1			2	
Sound level	dBA (d*)	66.2	66.2	72.5	71.1	71.1
	dBA (5m)	60.9	60.9	68.4	69.4	69.4
STANDARD						
Nominal operating power	A	13.75	17.1	25.1	33	45.4
Maximum operating power	A	23.4	29.8	39.8	63.6	79.6
Recommended cable cross-section*	mm²	4	6	10	16	25
CHILLER						
Nominal operating power	A	13.14	17.1	24.2	31.5	43.7
Maximum operating power	A	23.4	29.8	39.8	63.6	79.6
Recommended cable cross-section*	mm²	4	6	10	16	25

HEATING PERFORMANCE

Standard models		PROHEAT II 35	PROHEAT II 45	PROHEAT II 60	PROHEAT II 90	PROHEAT II 120
AIR 25°C / WATER 26°C						
Power of C1k1 (kW)	(kW)	36.2	44.4	63.5	91.3	125.5
Input power (kW)	(kW)	6.4	8.2	11.9	17.0	24.3
RUBBISH		5.7	5.4	5.3	5.4	5.2
AIR 15°C / WATER 26°C						
Power of C1k1 (kW)	(kW)	30.5	39.7	56.8	80.2	110.5
Input power (kW)	(kW)	6.2	8.1	11.5	16.8	23.9
RUBBISH		4.9	4.9	4.9	4.8	4.6
AIR 5°C / WATER 26°C						
Power of C1k1 (kW)	(kW)	23.2	30.0	41.3	61.0	80.1
Input power (kW)	(kW)	6.0	7.9	10.7	16.2	22.7
RUBBISH		3.9	3.8	3.9	3.8	3.5

Cooling PERFORMANCE

Chiller models		PROHEAT II 35	PROHEAT II 45	PROHEAT II 60	PROHEAT II 90	PROHEAT II 120
AIR 30 / WATER 26°C						
Power of C1k1 (kW)	(kW)	42.3	51.0	72.0	104.0	140.0
Input power (kW)	(kW)	7.0	8.4	12.0	17.3	24.4
		6.0	6.1	6.0	6.0	5.7
AIR 43°C / WATER 32°C						
Power of C1k1 (kW)	(kW)	29.1	37.0	49.5	74.0	99.0
Input power (kW)	(kW)	9.4	11.9	15.6	24.5	31.2
		3.1	3.1	3.2	3.0	3.2

* Recommended cross-section for a maximum length of 20 meters. Cable is not included in the package contents. NOTE: d* = according to UNE-EN 12102/ISO 3744:2010.