

SELECTION GUIDE **2019**

HEAT PUMPS



POOLLEX

FOLLOW THE EXPERT



Wouldn't every pool owner love to enjoy their pool as much and as long as possible...

At Poolex, this is our raison d'être.



Our teams anticipate the latest trends to offer you state-of-the-art technologies. Anti-frost and Hybrid technologies (Poolex-patented) and Full Inverter system now ensure you benefit from high-performance facilities.

Our engineers choose the best core components to ensure optimal-quality heat pumps offering extended service life.

At the same time, we are dedicated to providing bespoke services and to ensuring best value for money for all our products.

POOLEX, a POOLSTAR Group brand

The 2006-created Poolstar is specialized in pool and well-being focused activities.

Our mission: innovate and create cutting-edge products at highly-competitive prices for everyone.

Our company brings together a network of pool professionals: designers, engineers, technicians, sales staff, on-hand to meet your requests all year round.

Poolstar

Votre Partenaire Piscine & Bien-être



Whether you're a professional or private owner, with an aboveground pool or an Olympic-sized one, Poolex helps you choose the heat pump which best suits your needs.

You will find everything you need to know about heat pumps and Poolex ranges in the following pages of this guide.
Because... the more you know, the better you choose:

POOLEX expertise

P4-5
What is a heat pump?

P6-7
Choosing your heat pump

P8-9
Choose Poolex choose expertise +

P10-11
Full Inverter Technology

POOLEX range



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Jetline Platinum



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Jetline Premium LED



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Jetline Premium



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Artic Line Premium



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Triline Premium hybrid



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Jetline Selection



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Jetline Selection Inverter



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Triline Selection



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Artic Line Selection



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Silverline



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Silverline Inverter



U Connect



Maxi Pool Sun



Wifi box

P32-33

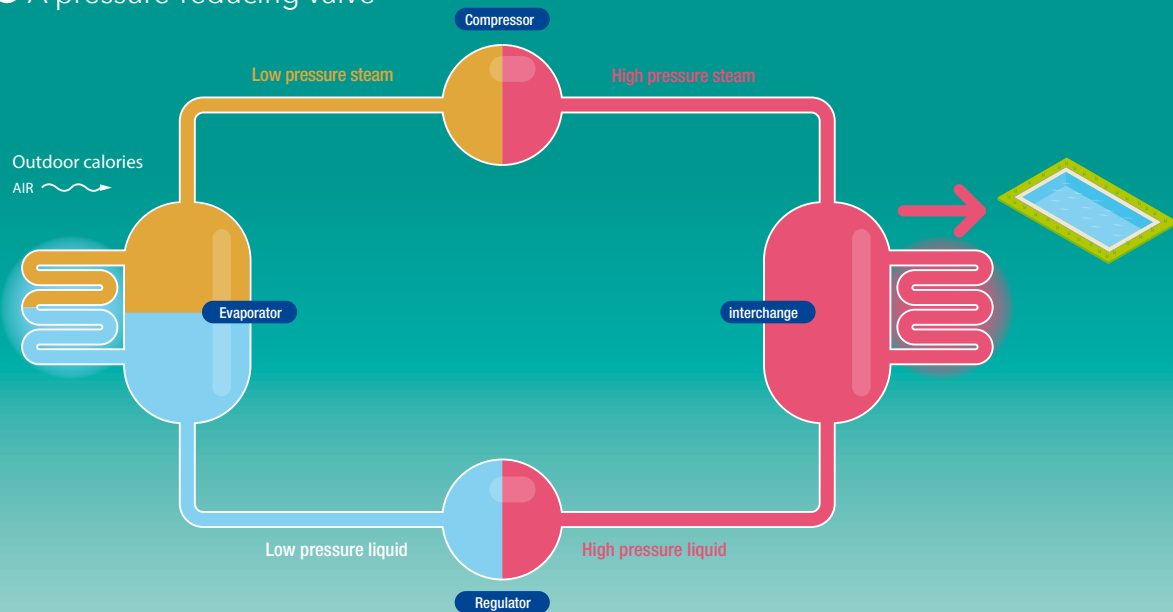
Only in the SHOP

P34 to 39 - Technical Tables

WHAT IS A HEAT PUMP?

A HEAT PUMP COMPRISES 4 KEY ELEMENTS:

- ➡ A compressor
- ➡ A heat exchanger to capture energy from outside (evaporator)
- ➡ A second heat exchanger to release it back on the inside (Titanium Exchanger)
- ➡ A pressure-reducing valve



A heat pump exploits the heat present in air (as calories) to amplify it to heat the water in your pool.

The water in your pool passes through a heat exchanger where it is heated then transported on to your filtration system.

Classical pool heating offers calorific output lower than 1: for 1 kW consumed, less than 1 kW is released as heat. With heat pumps, this output is greater than 4. **This is known as the COP (coefficient of performance)**



COMPRESSOR:

The heat pump electrical device where gas (refrigerant) is compressed, and temperature may be increased.

PRESSURE-REDUCING VALVE:

Contrary to the compressor. Here gas pressure is reduced. The pressure-reducing valve is vital for regulating the gas (refrigerant) flow in the refrigerant circuit.

TITANIUM HEAT EXCHANGER:

Comprised of a single or double coil, it enables the refrigerant gas to transfer its heat to the pool water. It's made of titanium to prevent corrosion. Twisted Tech technology increases the heat exchange by about 20%

EVAPORATOR:

Similar to a car radiator, the refrigerant gas heats up here through contact with air before being compressed once again.

REFRIGERANT:

Fluid contained in the heat pump which transfers heat as it changes phase (gas, liquid). Thermodynamic machine action (refrigerator, heat pump) is based on the ability of refrigerants to vaporize and condense at ambient temperatures.

Heat pump calorific output is known as the coefficient of performance or COP. The COP is easily calculated: it's the ratio of power output by the heat pump to the power it consumes.

E.g.: a heat pump consuming 1 kW with power output of 5 kW has a COP of 5/1 i.e. 5.

The higher the number, the more efficient the heat pump!

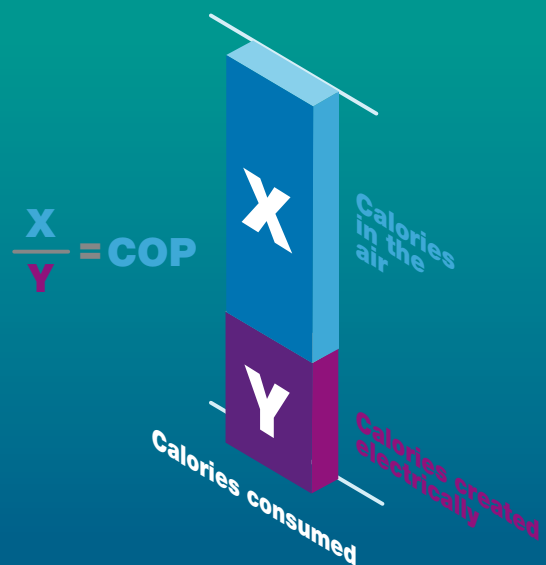


Outdoor conditions such as air temperature and humidity cause the power output to vary. Refer to our "Choosing your heat pump" guide p. 6/7

Our heat pumps are checked in line with measurement conditions set out by the Fédération des Professionnels de la Piscine (Federation of Pool Professionals - FPP). They comply with European standards:

➡ Air at 26°C, water at 26°C, 80% humidity

➡ Air at 15°C, water at 26°C, 70% humidity



THE ADVANTAGES OF A HEAT PUMP



ENERGY SAVINGS

Optimum calorific output and energy loss reduction. Best-in-class eco-friendly solution for heating your pool.



ALL-YEAR-ROUND POOL USE

On average, based on all our customers and the model selected: enjoy your pool for 4 extra months.



COST SAVINGS

Lowest running costs.

CHOOSING THE RIGHT HEAT PUMP

HOW DO YOU CHOOSE THE HEAT PUMP WHICH BEST SUITS YOUR NEEDS?

For this, you need to know the volume in m³ of your pool, when you intend to use your pool and perfect water temperature.

CALCULATE THE VOLUME OF YOUR POOL

There are several ways to measure the volume of water in your pool based on its shape:

Start by measuring the average depth using the following formula:

$$\text{DepthAv} = (\text{DepthMax} + \text{DepthMin})/2$$

Multiplying this result by the area of your pool, gives you the water volume in your pool in m³

W = Width

L = Length

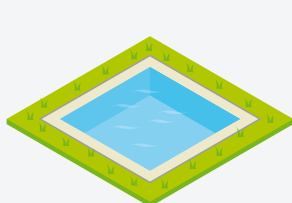
DepthAv = Average depth

DepthMax = Maximum depth

DepthMin = Minimum depth

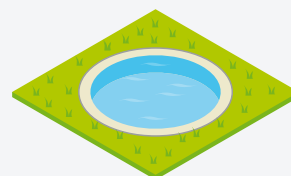
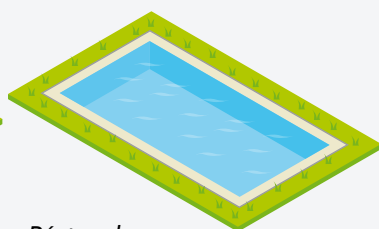
Ø = Diameter

$$\text{ProM} = (\text{ProMax} + \text{ProMin})/2$$



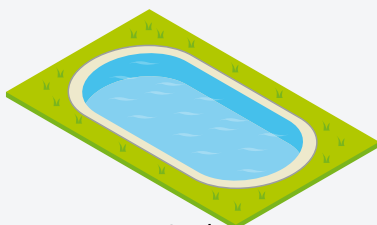
Square or Rectangle

$$L \times l \times \text{ProM}$$



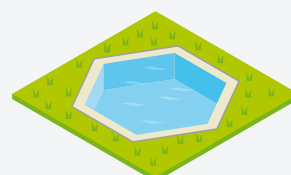
Round

$$\text{Ø} \times \text{Ø} \times \text{ProM} \times 0,78$$



Oval

$$L \times l \times \text{ProM} \times 0,86$$



Various form

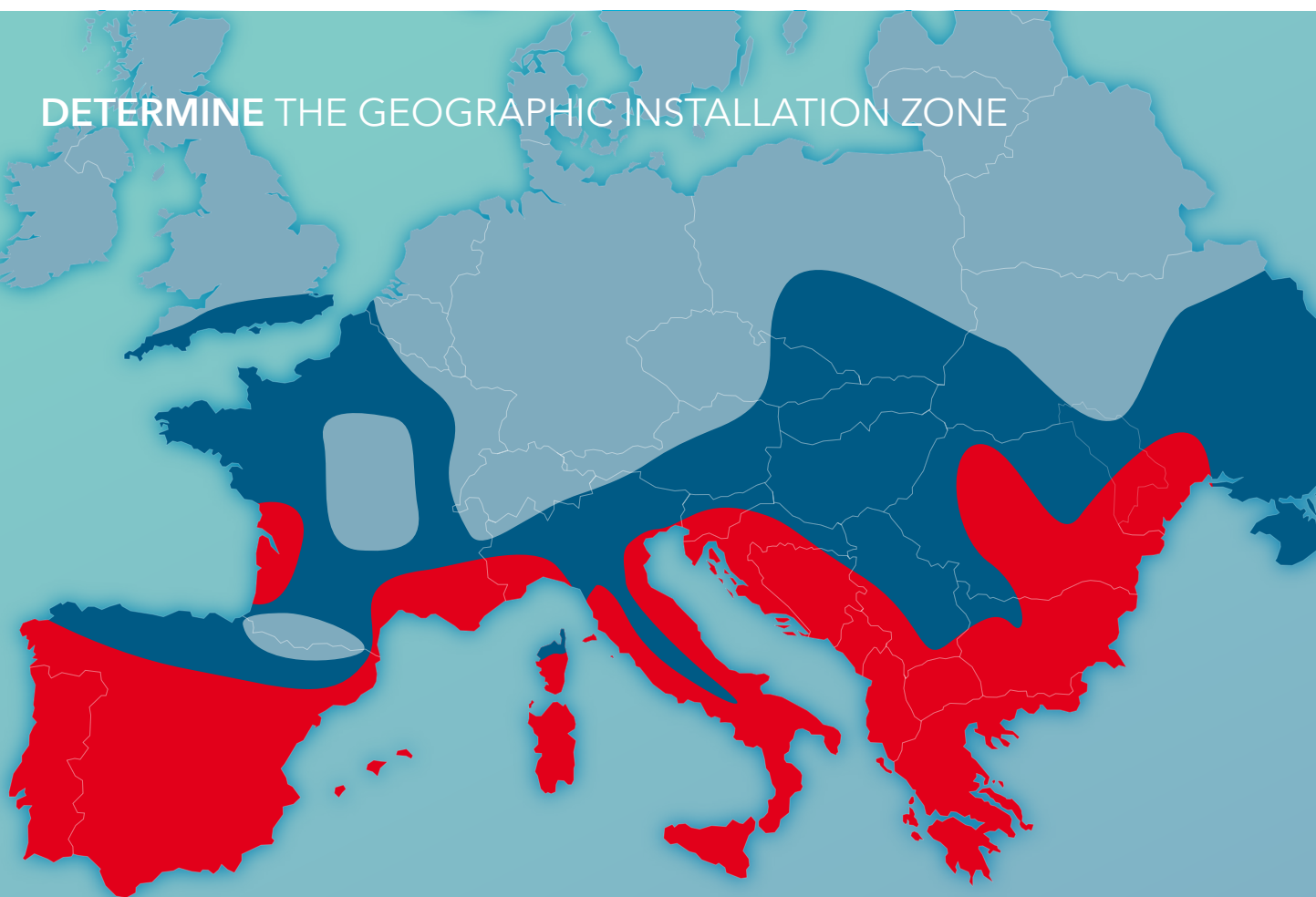
$$L \text{ (the biggest)} \times l \text{ (the biggest)} \times \text{ProM} \times 0,85$$

THE CAPACITY OF YOUR HEAT PUMP:

To optimally calculate the capacity of your heat pump, connect to www.poolex.fr and profit from our heat pump calculator

Or directly under <http://cal.poolex.fr/>

DETERMINE THE GEOGRAPHIC INSTALLATION ZONE



Area A

Area B

Area C

The zones shown are for information only.
Before making a final decision about your heat pump, speak to your reseller.

KEY TECHNICAL CHARACTERISTICS

- ➡ **COP:** the higher the COP, the more efficient your heat pump.
- ➡ **Compressor:** defines heat pump quality and resistance.
- ➡ **Housing casing:** three materials are available on the market: ABS offers a very good finish; stainless steel is more easily corroded; aluminium is qualitative and resistant.
- ➡ **Noise level:** as the heat pump is outdoors, it must not affect those around the pool. Remember that normal conversation emits noise of around 60 dB.

ADDITIONAL CRITERIA

Worth bearing in mind:

Automatic defrosting
= time-saving!

After several cycles of use, the evaporator becomes saturated with frost; the heat pump must wait for it to melt before restarting. Heat pumps with automatic defrosting invert the gas cycle to send hot gas into the evaporator, the frost melts in a few seconds and the pump can restart.

Heat exchanger:

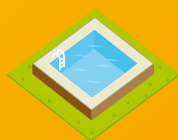
This is the critical moment where the temperature of the water in your pool rises.

This heat exchanger must be as efficient as possible and in particular be resistant to all types of rust. This is why all Poolex heat exchangers are made from titanium. Twisted tech technology offers around 25% increase compared to conventional heat exchangers.

YOUR POOL'S INSULATION



IN-GROUND POOL



PARTIALLY IN-GROUND



ABOVE-GROUND



THE LEVEL OF
SUNLIGHT



INSULATING
COVER



THE DESIRED
TEMPERATURE

CHOOSE POOLEX, EXPERTISE

POOLEX WARRANTIES, EXPERT MONITORING

Poolex sources premium-quality materials and components, offering world-class after-sales service, which means we can propose unrivalled warranties.

PREMIUM WARRANTIES:

HEAT PUMP GUARANTEED ON SITE

3 YEARS

COMPRESSOR GUARANTEED

7 YEARS

TITANIUM COIL
GUARANTEED AGAINST CORROSION

15 YEARS

SERIAL HEAT PUMP WARRANTIES:

HEAT PUMP GUARANTEED
SERVICE AND PARTS

2 YEARS

COMPRESSOR GUARANTEED

5 YEARS

TITANIUM COIL
GUARANTEED AGAINST CORROSION

15 YEARS

POOLEX EXPERTISE

Poolex expertise applies right down to the smallest details of our range:



Twisted Tech titanium heat exchanger
+25% heat exchange surface (in comparison with conventional heat exchangers)



Automatic thermostatic control
To be as close as possible to the temperature requested



Evaporator with 'Blue Fin' hydrophilic treatment
Reducing water clogging in evaporator fins



Automatic defrosting via cycle inversion

The cooling circuit is reversed collecting heat from the water to defrost the evaporator.



PS-patented anti-freeze system
To avoid any problem (explosion or cracking) in the event of unsuitable overwintering or if water remains in the system.



R410A
Refrigerant



R32 Ozone-friendly
Refrigerant with increased energy efficiency and limited impact on the ozone layer



COMPRESSOR INSIDE
Leading brand compressors, optimally-efficient and ultra-quiet



ABS Hard-wearing material.
UV-resistant ABS casing, high-quality finish



ALUMINIUM BOX
Aluminium box, rust-free, highly-resistant to impacts and bad weather, more flexible than steel and reduced noise.

OPERATION



POWER TRI

Runs on three-phase power supply



Salt-resistant treatment

Internal components resistant to salt corrosion



Silent Efficiency

Silent operation via set of anti-vibration supports.



Touch & Go

Preprogrammed intuitive digital interface



Integrated Wi-Fi

Standard-integrated Wi-Fi module



Wi-Fi option

Compatible with our Wi-Fi box

SERVICES



TÜV

Quality assurance



Store exclusivity

Products reserved exclusively for our POS partner resellers

POOLEX SERVICES



Poolex after-sales service,

provides a technical team on-hand from Monday to Friday from 9:30am to 12:30pm and from 2pm to 5:30pm.



Answers to

FAQ

See: <https://support.poolstar.fr/>
to fill in our contact form



DROPSHIPPING

Pro-service: Save on your shipping costs

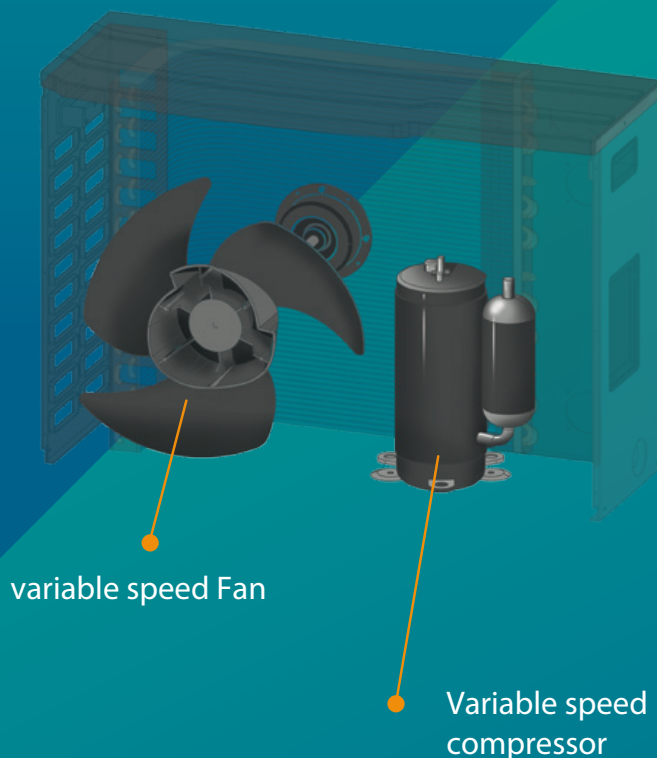
We deliver your order directly to your customer.

You save on transport
and gain 1-day leadtime.

FULL INVERTER TECHNOLOGY



Already used in other markets such as domestic heating and air conditioning, Full Inverter technology offers smart heat pump operation.



➡ It's an oversized compressor which can run on different frequencies to modulate the power supplied.

➡ It's also a variable speed fan which realtime tailors to evaporator needs.

THE BENEFITS

-6dB at 10m



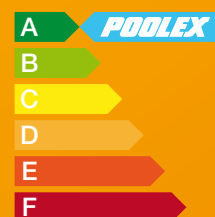
SILENT

Reduction of 70% in the ventilation speed and reduction of 5 to 8 dB



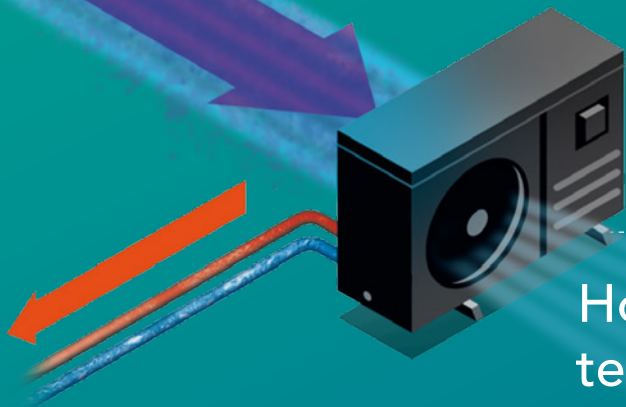
ENVIRONMENTAL

Prevention of wear over time and extended service life



ECONOMIC

Up to 30% energy saving in one year



How does this technology work?

➡ When your heat pump starts up, unlike conventional pumps, the compressor kicks off gradually which prevents power grid peaks, protects the compressor and reduces running costs.

When the target temperature differs greatly from the pool temperature, the Inverter technology boosts the capacity of the heat pump to increase the temperature faster.

During peak season, to sustain target temperature, the heat pump runs at reduced output which prevents spurious starts and stops, which also reduces costs and noise disturbance.

IT'S ALSO

- ➡ Precise fan and compressor control
- ➡ Continuous operation, with a more stable and lower regime than with conventional ON/OFF systems
- ➡ Automatic power regulator based on temperature requested.



Why choose **JETLINE PLATINIUM?**

➤ Exceptional design

➤ Ultra-quiet Full Inverter technology

➤ Stainless steel structure

➤ LED intelligent ambiance:

Blue: your pool is heating

Green: your heat pump has reached its target temperature

Red: Action by you is required

HEAT PUMP GUARANTEED
ON SITE

3
YEARS

COMPRESSOR GUARANTEED

7
YEARS

TITANIUM COIL
GUARANTEED AGAINST CORROSION

15
YEARS



#POOLEX2019

LED intelligent ambiance:



Green: your heat pump has reached its target temperature

Blue: your pool is heating

Red: The heat pump is out of service

90

120

Pool volume	45-65m ³	65-85m ³
COP air 15°C /water 26°C	7.3 ~ 4.83	7.3 ~ 4.8
Noise at 10 m (db(a))	<29 ~ <21	<31 ~ <23



The POOLEX  : all accessories included



Supplied on wooden pallet



Cover for storage over winter isothermal



Kit of anti-vibration supports



PVC connectors Ø 50mm 1" 1/2



Condensate discharge pipe



Maintenance box including multi-language operating manual



Why choose **JETLINE PREMIUM LED?**

- New design
- LED intelligent ambiances:
- Automatic & reversible de-icing
- Twisted Tech titanium heat exchanger

**HEAT PUMP GUARANTEED
ON SITE**

**3
YEARS**

COMPRESSOR GUARANTEED

**7
YEARS**

**TITANIUM COIL
GUARANTEED AGAINST CORROSION**

**15
YEARS**



#POOLEX2019

LED intelligent ambiance:



BLUE:
your pool is being heated



GREEN:
your heat pump has reached
its target temperature



RED:
The heat pump is out of ser-
vice

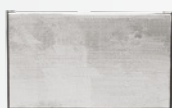
	70	90	110
Pool volume	40-50m ³	45-65m ³	65-80m ³
COP air 15°C /water 26°C	5.01	5.09	5.05
Noise at 10m (db(a))	<29	<30	<30



The POOLEX + : all accessories included



Supplied on
wooden pallet



Cover for storage
over winter
isothermal



Kit of anti-
vibration
supports



PVC
connectors
Ø 50mm 1" 1/2



Extension for
wired control
(10m)



Condensate
discharge pipe



Maintenance box including
multi-language operating
manual



Why choose **JETLINE PREMIUM** ?

- Large choice of powers
- Automatic & reversible de-icing
- Twisted Tech titanium heat exchanger



HEAT PUMP GUARANTEED ON SITE

3 YEARS

COMPRESSOR GUARANTEED

7 YEARS

TITANIUM COIL GUARANTEED AGAINST CORROSION

15 YEARS

	40	50	70	90	110	120	130	150	160	160 Tri	180 Tri	220 Tri
Pool volume	20-30m³	30-40m³	40-50m³	45-65m³	65-80m³	68-85m³	75-95m³	80-100m³	80-120m³	80-120m³	100-135m³	120-160m³
COP air 15°C /water 26°C	4.99	4.88	5.03	5.09	5.05	5.16	5.01	5.17	4.92	4.90	5.01	5.02
Noise at 10m (db(a))	<28	<29	<29	<30	<30	<30	<31	<31	<31	<31	<32	<32

The POOLEX + : all accessories included



Supplied on wooden pallet



Cover for storage over winter isothermal



Kit of anti-vibration supports



PVC connectors Ø 50mm 1" ½



Extension for wired control (10m)



Condensate discharge pipe



Maintenance box including multi-language operating manual





Why choose **JETLINE PREMIUM INVERTER?**

- The most silent and economical
- Inverter Mode +35% cost savings
- Gradual start-up

	90	120	150	200
Pool volume	45-75m³	65-90m³	80-110m³	110-145m³
COP air 15°C /water 26°C	6.95 ~ 4.59	7.44 ~ 4.96	7.34 ~ 4.92	7.43 ~ 4.93
Noise at 10 m (db(a))	<29 ~ <21	<31 ~ <23	<32 ~ <24	<33 ~ <24

HEAT PUMP GUARANTEED ON SITE **3 YEARS**

COMPRESSOR GUARANTEED **7 YEARS**

TITANIUM COIL GUARANTEED AGAINST CORROSION **15 YEARS**

The **POOLEX**  : all accessories included



Supplied on wooden pallet



Cover for storage over winter isothermal



Kit of anti-vibration supports



PVC connectors Ø 50mm 1" 1/2



Extension for wired control (10m)

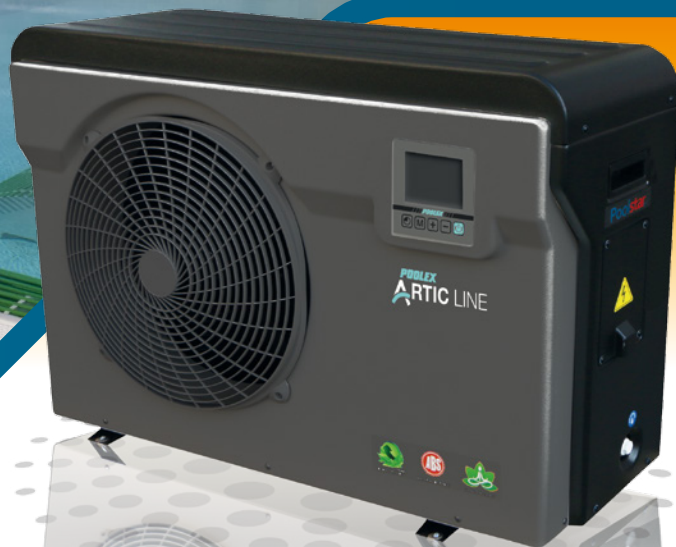


Condensate discharge pipe



Maintenance box including multi-language operating manual





Why choose **ARTIC LINE PREMIUM** ?

- Ideal for extreme climates down to -25°C
- Operates 12 months
- High amplitude compressor
- Reversible

160

Pool volume	50 - 85 m ³
COP air -25°C / water 26°C	2.05
COP air 15°C / water 26°C	5.01
Noise at 10 m (db(a))	<32

HEAT PUMP GUARANTEED ON SITE

3 YEARS

COMPRESSOR GUARANTEED

7 YEARS

TITANIUM COIL GUARANTEED AGAINST CORROSION

15 YEARS

The POOLEX: all accessories included



Supplied on wooden pallet



Cover for storage over winter isothermal



Kit of anti-vibration supports



PVC connectors Ø 50mm 1" 1/2



Extension for wired control (10m)



Condensate discharge pipe



Maintenance box including multi-language operating manual



ONE PREMIUM

FOR POOLS
up to **80m³**

OPERATES
from **-5°C** to **43°C**

3 versions
available



Why choose **ONE?**

- Vertical design
- Compressor R32 high performance
- Automatic de-icing by cycle inversion
- Twisted Tech titanium heat exchanger

	70	90	110
Pool volume	40 - 50 m ³	45 - 65 m ³	65 - 80 m ³
COP air 15°C / water 26°C	5.15	5.01	4.88
Noise at 10 m (db(a))	<29	<30	<30

HEAT PUMP GUARANTEED 2 YEARS

COMPRESSOR GUARANTEED 5 YEARS

TITANIUM COIL GUARANTEED AGAINST CORROSION 15 YEARS

The **POOLEX**: all accessories included



Supplied on wooden pallet



Maintenance box including multi-language operating manual



PVC connectors Ø 50mm 1" 1/2



Extension for wired control (10m)



Condensate discharge pipe



Kit of anti-vibration supports



All technical data is available in our technical specifications

P.37



Why choose **TRILINE PREMIUM** ?

- Ideal for large pools
- All seasons and reversible
- High performance compressor
- Vertical design, reduced footprint



	150	180	220	320
Pool volume (m³)	80-110m³	100-135m³	120-160m³	160-220m³
COP air 15°C /water 26°C	5.11	5.08	5.10	5.02
Noise at 10 m (db(a))	<32	<33	<34	<35

HEAT PUMP GUARANTEED ON SITE **3 YEARS**

COMPRESSOR GUARANTEED **7 YEARS**

TITANIUM COIL GUARANTEED AGAINST CORROSION **15 YEARS**

The **POOLEX**  : all accessories included



Supplied on wooden pallet



Cover for storage over winter isothermal



Kit of anti-vibration supports



PVC connectors Ø 50mm 1" 1/2



Extension for wired control (10m)



Condensate discharge pipe



Maintenance box including multi-language operating manual





Why choose **TRILINE PREMIUM HYBRID**?

- ➡ For large pools in cold regions
- ➡ All the advantages of the Triline Premium ⊕
- ➡ Hybrid technology with integrated electrical heater
- ➡ 2 times faster temperature increase

	150-9	150-12	180-12
Pool volume (m³)	80-110m³	80-110m³	100-135m³
COP air 15°C /water 26°C	5.11	5.11	5.08
Noise at 10 m (db(a))	<32	<32	<33

HEAT PUMP GUARANTEED ON SITE **3 YEARS**

COMPRESSOR GUARANTEED **7 YEARS**

TITANIUM COIL GUARANTEED AGAINST CORROSION **15 YEARS**

The **POOLEX** ⊕ : all accessories included



Supplied on wooden pallet



Isothermal cover for storage over winter



Kit of anti-vibration supports



PVC connectors Ø 50mm 1" 1/2



Extension for wired control (10m)



Condensate discharge pipe



Maintenance box including multi-language operating manual





Why choose **MEGALINE?**

- Performance optimised for very large volumes
- Scroll double rotary compressor
- Simplified maintenance
- Wide operating range
- Compact design

**HEAT PUMP GUARANTEED
ON SITE**

**3
YEARS**

COMPRESSOR GUARANTEED

**7
YEARS**

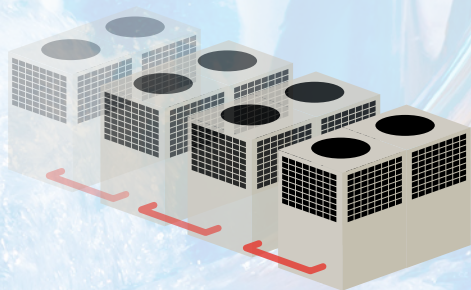
**TITANIUM COIL
GUARANTEED AGAINST CORROSION**

**15
YEARS**

Ask for a free sizing study from our Poolex experts



Infinitely extendable



The Megaline heat pump can be configured for all pools, even those with the largest volumes. Couple together several Megalines for almost limitless heating capacity.



	450	650	950
Pool volume	Contact our experts for a detailed design		
COP air 15°C /water 26°C	4.17	4.17	4.40
Noise at 10 m (db(a))	<50	<52	<54

Contact our Poolex experts for your heat pump installation.



Why choose **NANOTURBO PREMIUM**?

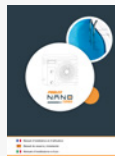
- The first reversible heat pump for small volume pools
- Compatible with pools and spas
- Economical and silent
- Easy installation and start-up
- Transportable

Pool volume	≤25m ³
COP air 15°C /water 26°C	4.37
Noise at 10 m (db(a))	<29
Power input (W)	520

The **POOLEX** + : all accessories included



Packaging Cardboard



Multi-language installation and operating manual



PVC connectors Ø 32-38mm



5m power socket with 10 mA earth leakage protection



Kit of anti-vibration supports

HEAT PUMP GUARANTEED

3 YEARS

COMPRESSOR GUARANTEED

5 YEARS

TITANIUM COIL GUARANTEED AGAINST CORROSION

10 YEARS





Why choose **NANO** ?

- Easy use: connects to a standard electrical output socket
- Transportable (18kg)
- Reduced size (< 40cm)
- Ultra high performance
- Safe electrical system

Pool volume	≤20m ³
COP air 26°C /water 26°C	5.3
Noise at 10 m (db(a))	<29

The **POOLEX**  : all accessories included



Multi-language installation
and operating manual



PVC connectors
Ø 32-38mm



5m power socket
with 10 mA earth leakage protection

**HEAT PUMP GUARANTEED
SERVICE AND PARTS**

**2
YEARS**

COMPRESSOR GUARANTEED

**5
YEARS**

**TITANIUM COIL
GUARANTEED AGAINST CORROSION**

**15
YEARS**





Why choose **JETLINE SELECTION?**

- Compact design
- Ultra-high performance compressor
- Twisted Tech titanium heat exchanger
- Automatic de-icing

**HEAT PUMP GUARANTEED
SERVICE AND PARTS**

**2
YEARS**

COMPRESSOR GUARANTEED

**5
YEARS**

**TITANIUM COIL
GUARANTEED AGAINST CORROSION**

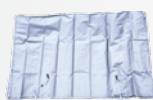
**15
YEARS**

	55	70	95	125	150	180	180 Tri	225 Tri	260 Tri	310 Tri
Pool volume	20-30m³	30-40m³	40-50m³	45-65m³	65-80m³	75-95m³	75-95m³	80-120m³	100-135m³	120-160m³
COP air 26°C /water 26°C	5.92	6.12	6.32	6.34	6.38	6.36	6.4	6.11	6.13	6.12
Noise at 10 m (db(a))	<28	<29	<29	<30	<30	<31	<31	<31	<32	<32

The **POOLEX**  : all accessories included



Supplied on
wooden pallet



Protection
cover



Kit of anti-
vibration
supports



PVC connectors
Ø 50mm 1" 1/2



Extension for wired
control (10m)



Condensate
discharge pipe



Maintenance box including
multi-language operating
manual





Why choose **JETLINE SELECTION** INVERTER?

- Inverter technology
- Ultra quiet
- Automatic de-icing
- Twisted Tech titanium heat exchanger

	120	150	200	280
Pool volume	45-70m ³	65-90m ³	80-110m ³	110-145m ³
COP air 26°C /water 26°C	13.38~6.87	13.37~6.93	13.28~6.84	13.37~6.95
Noise at 10 m (db(a))	<29 ~ <21	<31 ~ <23	<32 ~ <24	<33 ~ <24

**HEAT PUMP GUARANTEED
SERVICE AND PARTS**

**2
YEARS**

COMPRESSOR GUARANTEED

**5
YEARS**

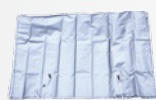
**TITANIUM COIL
GUARANTEED AGAINST CORROSION**

**15
YEARS**

The **POOLEX**  : all accessories included



Supplied on
wooden pallet



Protection
cover



Kit of anti-
vibration
supports



PVC connectors
Ø 50mm 1" 1/2



Extension for wired
control (10m)



Condensate
discharge pipe



Maintenance box including
multi-language operating
manual





Why choose **TRILINE SELECTION?**

- Ideal for large pools
- Vertical design for a small footprint
- High performance compressor



**HEAT PUMP GUARANTEED
SERVICE AND PARTS** **2 YEARS**

COMPRESSOR GUARANTEED **5 YEARS**

TITANIUM COIL
GUARANTEED AGAINST CORROSION **15 YEARS**

	210	250	300
Pool volume	80-110m ³	100-135m ³	120-160m ³
COP air 26°C /water 26°C	6.16	6.16	6.17
Noise at 10 m (db(a))	<32	<33	<34

The **POOLEX**  : all accessories included



Supplied on wooden pallet



Protection cover



Kit of anti-vibration supports



PVC connectors Ø 50mm 1" 1/2



Extension for wired control (10m)



Condensate discharge pipe



Maintenance box including multi-language operating manual





#POOLEX2019



Why choose **ARTIC LINE SELECTION?**

- Ideal for extreme climates (-25°C)
- High amplitude compressor
- Reversible

150

Pool volume	from 45 to 65m³
COP air 26°C / water 26°C	5.7
COP air -25°C / water 26°C	2.12
Noise at 10 m (db(a))	<31

**HEAT PUMP GUARANTEED
SERVICE AND PARTS**

**2
YEARS**

COMPRESSOR GUARANTEED

**5
YEARS**

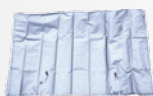
**TITANIUM COIL
GUARANTEED AGAINST CORROSION**

**15
YEARS**

The **POOLEX**  : all accessories included



Supplied on
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Protection
cover



Kit of anti-
vibration
supports



PVC connectors
Ø 50mm 1" ½



Extension for wired
control (10m)



Condensate
discharge pipe



Maintenance box including
multi-language operating
manual



MATERIAL DURABLE



OZONE FRIENDLY



SILENT EFFICIENCY



TOUCH & GO



TRAITEMENT SEL



Why choose **SILVERLINE** ?

- The lowest price
- High performance compressor
- Corrosion-protected/UV-resistant metal housing
- Twisted Tech titanium heat exchanger

**HEAT PUMP GUARANTEED
SERVICE AND PARTS**

**2
YEARS**

COMPRESSOR GUARANTEED

**5
YEARS**

**TITANIUM COIL
GUARANTEED AGAINST CORROSION**

**15
YEARS**

	55	70	90	120	150	180	220
Pool volume	20-30m ³	30-40m ³	40-50m ³	45-65m ³	65-75m ³	70-90m ³	80-110m ³
COP air 26°C /water 26°C	6.13	6.21	6.17	6.22	6.20	6.38	6.03
Noise at 10 m (db(a))	<30	<36	<37	<39	<39	<40	<40

The **POOLEX**  : all accessories included



Supplied on wooden pallet



Kit of anti-vibration supports



PVC connectors
Ø 50mm 1" 1/2



Extension for wired control (10m)



Condensate discharge pipe



Maintenance box including multi-language operating manual





Why choose **SILVERLINE INVERTER?**

- The best performance and the quietest
- Economical compressor inverter
- Corrosion-protected/uv-resistant metal housing
- Twisted Tech titanium heat exchanger

	85	105	125
Pool volume	35-50m ³	40 - 60m ³	50-70m ³
COP air 26°C /water 26°C	13.1 ~ 6.9	13.1 ~ 6.9	13.1 ~ 6.9
Noise at 10 m (db(a))	<20 ~ <28	<21 ~ <29	<21 ~ <29

**HEAT PUMP GUARANTEED
SERVICE AND PARTS**

**2
YEARS**

COMPRESSOR GUARANTEED

**5
YEARS**

**TITANIUM COIL
GUARANTEED AGAINST CORROSION**

**15
YEARS**

The **POOLEX**  : all accessories included



Supplied on
wooden pallet



Kit of anti-
vibration
supports



PVC connectors
Ø 50mm 1" 1/2



Extension for wired
control (10m)



Condensate
discharge pipe



Maintenance box including
multi-language operating
manual



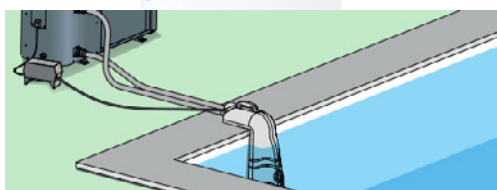


Pooler UConnect: the universal connector for heat pumps

GUARANTEE

2
YEARS

- Automatic start-up
- Fast installation
- Detachable in seconds
- Compatible with all heating systems



Maxi Pool Sun: Solar thermal heating for the pool

- Compatible with salt treatment
- High-quality materials:
polycarbonate cover, resistant to
UV radiation, chlorine, sodium
- For all geographical locations
- One dome per 15m³ of water

GUARANTEE

1
YEAR





GUARANTEE

**2
YEARS**

WIFI BOX:
control your heat
pump wherever
you are!

- ➔ Specify the pool temperature, the temperature, selected heating mode, flow of your installation
- ➔ Controllable from your smartphone
- ➔ Easy installation
- ➔ Connected to your internet router



Ref :	PC-WM01
Product dimensions	9 x 9 x 4.5 cm (l x L x H)
Weight	0.15kg
Network	IPV6
Supply	12V
Maximum range	100m
Guarantee	2 Years



Poolex technical specifications

With these technical manuals, find in a glance all the technical features that each Poolex model like performance, range of use, dimensions and weight, as well as integrated technologies.



JETLINE PLATINIUM		90	120
Pool volume		from 45 to 65m ³	from 65 to 85m ³
Reference: PC-PTM		090	120
Air 26°C Water 26°C Humidity 80%	Max. output power (kW)	12.2	15.1
	Min. output power (kW)	2.78	4.7
	Consumed power (kW)	1.79 ~ 0.2	2.22 ~ 0.26
	COP	13.3 ~ 6.8	13.3 ~ 6.8
Air 15°C Water 26°C Humidity 70%	Max. output power (kW)	9.03	12.1
	Min. output power (kW)	2.09	2.8
	Consumed power (kW)	1.86 ~ 0.28	2.5 ~ 0.4
	COP	7.3 ~ 4.83	7.3 ~ 4.8
Power supply		Mono 230V / 50Hz	
Heating temperature range		15°C / 40°C	
Operating range		-10°C / 43°C	
Max. current (A)		16	20
Flow (m ³ /h)		3.3	4.4
Refrigerant		R32	
Packaging dimensions (mm)		Ø1040x1010	
Dimensions (mm)		Ø935x845	
Net/gross weight (kg)		59 / 67	65 / 73
Noise at 1 m (db(A)) Inverter		<48 ~ <40	<50 ~ <41
Noise at 10 m (db(A)) Inverter		<29 ~ <21	<31 ~ <23
Compressor type		Rotary	
Compressor make		Mitsubishi	
Heat exchanger		Twisted Tech®Titanium	
Operation		EcoBooster & EcoSilence (inverter) / Heating / Cooling	
Pressure loss (mH2O)		1.1	1.1

STANDARD E.U.
CERTIFIED T.U.V.

Information for information only and likely to be changed without pre-warning



JETLINE PREMIUM LED		70	90	120
Pool volume		from 40 to 50m3	from 45 to 65m3	from 65 to 80m3
Reference: PC-JLP		070L	090L	120L
Air 26°C	Capacity (W)	9 810	12 650	15 050
Water 26°C	Consumed power (W)	1 560	1 980	2 370
Humidity 80%	COP	6.27	6.39	6.35
Air 15°C	Capacity (W)	7 000	9 000	11 000
Water 26°C	Consumed power (W)	1 400	1 770	2 180
Humidity 70%	COP	5.01	5.09	5.05
Power supply		MONO 230V / 50HZ		
Max. power (W)		2 360	2 760	3 520
Max. current (A)		10.6	12.5	15.4
Heating temperature range		15°C / 40°C		
Operating range		-5°C / 43°C		
Flow (m³/h)		3.4	4.2	5
Refrigerant		R32		
Packaging dimensions (mm)		1006X426X864		
Dimensions (mm)		956X372X724		
Net/gross weight (kg)		51 / 66	58 / 73	63 / 78
Noise at 1 m (db(A))		<48	<49	<49
Noise at 4 m (db(A))		<38	<39	<39
Noise at 10 m (db(A))		<29	<30	<30
Compressor type		ROTARY		
Compressor make		TOSHIBA		
HEAT exchanger		Twisted Tech®Titanium		
Operation		Auto / Heating / Cooling		
Pressure loss (mH2O)		1	1.1	1.2

STANDARD E.U.
CERTIFIED T.U.V.



JETLINE PREMIUM INVERTER		90	120	150	200
Pool volume		from 45 to 75m3	from 65 to 90m3	from 80 to 110m3	from 110 to 145m3
Reference : PC-JETLINE-PV		90W	120W	150W	200W
Air 26°C	Max. output power (kW)	13.42	15.7	21.1	29.1
Water 26°C	Min. output power (kW)	3.05	3.61	4.86	6.71
Humidity 80%	Consumed power (kW)	2.07 ~ 0.24	2.26 ~ 0.26	3.07 ~ 0.36	4.2 ~ 0.49
	COP	12.64 ~ 6.5	13.57 ~ 6.95	13.46 ~ 6.87	13.56 ~ 6.95
Air 15°C	Max. output power (kW)	9.93	12.6	15.7	20.9
Water 26°C	Min. output power (kW)	2.29	2.88	3.59	4.8
Humidity 70%	Consumed power (kW)	2.16 ~ 0.33	2.54 ~ 0.39	3.19 ~ 0.49	4.24 ~ 0.65
	COP	6.95 ~ 4.59	7.44 ~ 4.96	7.34 ~ 4.92	7.43 ~ 4.93
Power supply		Mono 230V / 50Hz			
Heating temperature range		15°C / 40°C			
Operating range		-10°C / 43°C			
Max. current (A)		16	20	25	30
Flow (m³/h)		3.3	4.4	5.2	7.1
Refrigerant		R32			
Packaging dimensions (mm)		1000x400x785			1085x455x840
Dimensions (mm)		950x355x650			1055x395x703
Net/gross weight (kg)		56 / 66	60 / 70	65 / 75	73 / 84
Noise at 1 m (db(A)) Inverter		<48 ~ <40	<50 ~ <41	<51 ~ <42	<52 ~ <43
Noise at 10 m (db(A)) Inverter		<29 ~ <21	<31 ~ <23	<32 ~ <24	<33 ~ <24
Compressor type		Double rotary			
Compressor make		Mitsubishi			
Heat exchanger		Twisted Tech®Titanium			
Operation		EcoBooster & EcoSilence (inverter) / Heating / Cooling			
Pressure loss (mH2O)		1 1	1 1	1 1	1 2

STANDARD E.U.
CERTIFIED T.U.V.

TECHNICAL SPECIFICATIONS



JETLINE PREMIUM		40	50	70	90	110	120	130	150	160	160 TRI	180 TRI	220 TRI
Pool volume		20-30m³	30-40m³	40-50m³	45-65m³	65-80m³	65-85m³	75-95m³	80-100m³	80-120m³	80-120m³	100-135m³	120-160m³
Reference:PC-JETLINE-PC-JLP		40 -	- 50	- 70	- 90	110 -	- 120	110 -	- 150	160 -	T160 -	T180 -	T220 -
Air 26°C Water 26°C Humidity 80%	Capacity (W)	5 530	7 070	9 860	12 750	15 050	17 030	18 050	19 510	22 000	22 020	26 010	31 010
	Consumed power (W)	910	1 150	1 570	2 020	2 370	2 670	2 830	3 070	3 600	3 600	4 240	5 050
	COP	6.1	6.15	6.28	6.31	6.35	6.38	6.35	6,36	6.11	6.11	6.12	6.13
Air 15°C Water 26°C Humidity 70%	Capacity (W)	4 010	5 070	7 140	9 210	11 040	12 290	13 010	14 110	16 060	16 000	18 010	22 010
	Consumed power (W)	800	1 040	1 420	1 810	2 190	2 380	2 600	2 730	3 260	3 250	3 590	4 380
	COP	4.99	4.88	5.03	5.09	5.05	5.16	5.01	5,17	4.92	4.90	5.01	5.02
Power supply		MONO 230V / 50HZ									TRI 380-415V 3N ~50 HZ		
Max. power (W)		1 340	1 870	2 120	2 760	3 520	3 620	3 850	5 040	5 980	5 980	6 820	8 220
Max. current (A)		6.28	8.56	9.11	12.5	15.4	16.39	18.1	23,08	27.4	9.1	10.4	12.8
Heating temperature range		15°C / 40°C											
Operating range		-5°C / 43°C											
Flow (m³/h)		1.9	2.5	3.4	4.2	5.0	5.5	6.0	7	7.3	7.3	8.3	10.5
Refrigerant		R410A	R32			R410A	R32	R410A	R32	R410A			
Packaging dimensions (mm)		922x380x740		950x410x786				1242x485x844				1242x505x997	
Dimensions (mm)		895x370.5x610		923x410x661				1215x485x713				1215x505x866	
Net/gross weight (kg)		40 / 50	45 / 55	54 / 69	60 / 75	63 / 78	67/78	72 / 90	80 / 98	95 / 113	95 / 113	107 / 122	112 / 127
Noise at 1 m (db(A))		<47	<48	<48	<49	<49	<49	<50	<50	<50	<50	<51	<51
Noise at 4 m (db(A))		<37	<38	<38	<39	<39	<39	<40	<40	<40	<40	<41	<41
Noise at 10 m (db(A))		<28	<29	<29	<30	<30	<30	<31	<31	<31	<31	<32	<32
Compressor type		ROTARY									SCROLL		
Compressor make		TOSHIBA									DAIKIN		
HEAT exchanger		Double titanium coil									Twisted Tech®Titanium		
Operation		Auto / Heating / Cooling											
Pressure loss (mH2O)		0.8	0.9	1	1.1	1.2	1.2	1.3	1.3	1.4	1.3	1.3	1.3

STANDARD E.U.
CERTIFIED T.U.V

Information for information only and likely to be changed without pre-warning



ARTIC LINE PREMIUM		160
Pool volume (all year use)		from 50 to 85m ³
Reference : PC-ALP		160
Air 26°C Water 26°C Humidity 80%	Capacity (W)	19 860
	Consumed power (W)	3 530
	COP	5.62
Air 15°C Water 26°C Humidity 70%	Capacity (W)	15 200
	Consumed power (W)	3 030
	COP	5.01
Air -25°C Water 26°C Humidity 70%	Capacity (W)	4 470
	Consumed power (W)	2 180
	COP	2.05
Power supply		Mono 230V / 50Hz
Max. power (W)		5520
Max. current (A)		24.3
Heating temperature range		9°C / 40°C
Operating range		-25°C / 43°C
Flow (m ³ /h)		6.8
Refrigerant		R410A
Packaging dimensions (mm)		1242x485x844
Dimensions (mm)		1215x485x713
Net/gross weight (kg)		115 / 127
Noise at 1 m (db(A))		<51
Noise at 4 m (db(A))		<41
Noise at 10 m (db(A))		<32
Compressor type		SCROLL
Compressor make		COPELAND
Heat exchanger		Double titanium coil
Operation		Auto / Heating / Cooling
Pressure loss (mH2O)		1.3

STANDARD E.U.
CERTIFIED T.U.V.



ONE		70	90	110
Pool volume		from 40 to 50m ³	from 45 to 65m ³	from 65 to 80m ³
Reference : PC-ONE-		70	90	110
Air 26°C Water 26°C Humidity 80%	Capacity (W)	9 250	11 880	13 810
	Consumed power (W)	1 510	1 950	2 280
	COP	6.12	6.09	6.06
Air 15°C Water 26°C Humidity 70%	Capacity (W)	7 010	9 060	10 950
	Consumed power (W)	1 360	1 180	2 240
	COP	5.15	5.01	4.88
Power supply		Mono 230V / 50Hz		
Max. power (W)		2 310	2 820	3 290
Heating temperature range		15°C / 40°C		
Operating range		-5°C / 43°C		
Max. current (A)		10.71	13.08	15.26
Flow (m ³ /h)		2.7	3.5	4.5
Refrigerant		R32		
Packaging dimensions (mm)		578x670x867		
Dimensions (mm)		540x610x754		
Net/gross weight (kg)		42 / 50	45 / 54	50 / 59
Noise at 1 m (db(A))		<48	<49	<49
Noise at 4 m (db(A))		<38	<39	<39
Noise at 10 m (db(A))		<29	<30	<30
Compressor type		Rotary		
Compressor make		Toshiba		
HEAT exchanger		Twisted Tech®Titanium		
Operation		Heating		
Pressure loss (mH2O)		1	1.1	1.2

STANDARD E.U.
CERTIFIED T.U.V.

TECHNICAL SPECIFICATIONS



TRILINE PREMIUM		150	180	220	320
Pool volume		from 80 to 110m3	from 100 to 135m3	from 120 to 160m3	from 160 to 220m3
REFERENCE: PC-TRILINE-		P150W	P180W	P220W	P320W
Air 26°C Water 26°C Humidity 80%	Capacity (W)	21 010	25 620	30 660	44 630
	Consumed power (W)	3 410	4 160	4 970	7 270
	COP	6.16	6.16	6.17	6.14
Air 15°C Water 26°C Humidity 70%	Capacity (W)	15 120	18 060	22 050	32 060
	Consumed power (W)	2 950	3 550	4 320	6 380
	COP	5.11	5.08	5.10	5.02
Power supply		Tri 380-415V/50Hz			
Max. power (W)		5 530	6 710	8 190	11 860
Max. current (A)		8.43	10.23	12.5	18.1
Heating temperature range		12°C / 40°C			
Operating range		-5°C/43°C			
Flow (m³/h)		4.2 - 8.5	5.1 - 10.3	6.3 - 12.5	9.8 - 16.1
Refrigerant		R410A			
Packaging dimensions (mm)		760x760x1040			1067x962x1194
Dimensions (mm)		740x700x900			1043x950x1068
Net/gross weight (kg)		102/115	109/122	114/127	150/165
Noise at 1 m (db(A))		<51	<52	<53	<54
Noise at 4 m (db(A))		<41	<42	<43	<44
Noise at 10 m (db(A))		<32	<33	<34	<35
Compressor type		Rotary	Scroll	Scroll	Scroll
Compressor make		Mitsubishi	Panasonic	Panasonic	Panasonic
HEAT exchanger		Twisted Tech®Titanium			
Operation		Auto / Heating / Cooling			
Pressure loss (mH2O)		1.3	1.31	1.31	1.32

STANDARD E.U.
CERTIFIED TÜV.



TRILINE PREMIUM HYBRID		150-9	150-12	180-12
Pool volume		from 80 to 110m ³	from 80 to 110m ³	from 100 to 135m ³
REFERENCE: PC-TRILINE-		P150H9	P180H12	P18H12
Air 26°C Water 26°C Humidity 80%	Capacity (W)	21 010	21 010	25 620
	Consumed power (W)	3 410	3 410	4 160
	COP	6.16	6.16	6.16
Air 15°C Water 26°C Humidity 70%	Capacity (W)	15 120	15 120	18 060
	Consumed power (W)	2 950	2 950	3 550
	COP	5.11	5.11	5.08
Power supply		Tri 380-415V/50Hz		
Max. power (W)		5 530 + 9000	5 530 + 12 000	6 710 + 12 000
Max. current (A)		8.43 + 14**	8.43 + 19**	10.23 + 19**
Heating temperature range		12°C / 40°C		
Operating range		-15°C / 43°C		
Flow (m ³ /h)		4.2 - 8.5	4.2 - 8.5	5.1 - 10.3
Refrigerant		R410A		
Packaging dimensions (mm)		760x760x1040		
Dimensions (mm)		740x700x900		
Net/gross weight (kg)		102/115	102/115	109/22
Noise at 1 m (db(A))		<51	<51	<52
Noise at 4 m (db(A))		<41	<41	<42
Noise at 10 m (db(A))		<32	<32	<33
Compressor type		Rotary		Scroll
Compressor make		Mitsubishi		Panasonic
HEAT exchanger		Twisted Tech®Titanium + Anti-frost		
Operation		Auto / Heating / Hybrid / Cooling		
Pressure loss (mH ₂ O)		1.31	1.31	1.31

STANDARD E.U.
CERTIFIED T.U.V.

* Only hybrid mode
** Rated current of the electrical heating unit



NANO TURBO PREMIUM		≤ 25m ³
Reference:		PC-NANO-TBO
Air 26°C Water 26°C Humidity 80%	Capacity (W)	2 950
	Consumed power (W)	560
	COP	5.32
Air 15°C Water 26°C Humidity 70%	Capacity (W)	2 270
	Consumed power (W)	520
	COP	4.37
Power supply		Mono 230V / 50Hz
Max. power (W)		900
Max. current (A)		4.02
Heating temperature range		15°C / 40°C
Operating range		-7°C / 43°C
Flow (m ³ /h)		1.3
Refrigerant		R32
Packaging dimensions (mm)		415 x 460 x 380
Dimensions (mm)		385 x 400 x 280
Net/gross weight (kg)		20 / 22
Noise at 1 m (db(A))		<45
Noise at 4 m (db(A))		<36
Noise at 10 m (db(A))		<29
Compressor type		Rotary
Compressor make		Toshiba / Gree
Heat exchanger		Twisted Tech® Titanium
Operation		Heating / cooling
Pressure loss (mH ₂ O)		0.8

STANDARD E.U.
CERTIFIED T.U.V.

TECHNICAL SPECIFICATIONS



NANO		
Pool volume		≤ 20m ³
Reference:		PC-NANO-10SL
Air 26°C Water 26°C Humidity 80%	Capacity (W)	2 800
	Consumed power (W)	530
	COP	5.32
Air 15°C Water 26°C Humidity 70%	Capacity (W)	2 200
	Consumed power (W)	510
	COP	4.35
Power supply		Mono 230V / 50Hz
Max. power (W)		930
Max. current (A)		4.15
Heating temperature range		15°C / 40°C
Operating range		8°C / 43°C
Flow (m ³ /h)		1.3
Refrigerant		R32
Packaging dimensions (mm)		415 x 460 x 380
Dimensions (mm)		385 x 400 x 280
Net/gross weight (kg)		19 / 21
Noise at 1 m (db(A))		<45
Noise at 4 m (db(A))		<36
Noise at 10 m (db(A))		<29
Compressor type		Rotary
Compressor make		Toshiba / Gree
Heat exchanger		Twisted Tech®Titanium
Operation		Heating
Pressure loss (mH2O)		0.8

STANDARD E.U.
CERTIFIED T.U.V.



MEGALINE		450	650	950
Pool volume (all year use)		Ask for a personalised design study		
Reference: PC-ALS		450	650	950
Air 26°C Water 26°C Humidity 80%	Capacity (W)	56 000	80 000	118 000
	Consumed power (W)	10 200	14 500	21 400
	COP	5.49	5.52	5.51
Air 15°C Water 26°C Humidity 70%	Capacity (W)	45 000	65 000	95 000
	Consumed power (W)	10 800	15 600	21 600
	COP	4.17	4.17	4.40
Power supply		Tri 380-415V / 50Hz		
Max. power (W)		16 000	22 000	32 000
Max. current (A)		28.6	39.3	57.2
Heating temperature range		15°C / 40°C		
Operating range		-7°C / 43°C		
Flow (m ³ /h)		19.3	27.9	40.8
Refrigerant		R410A		
Packaging dimensions (mm)		1060x1060x1950		2100x1060x1950
Dimensions (mm)		1000x1000x1770		2000x1000x1770
Net/gross weight (kg)		260 / 280	280 / 300	520 / 560
Noise at 1 m (db(A))		70	72	74
Noise at 4 m (db(A))		58	60	62
Noise at 10 m (db(A))		50	52	54
Number of compressors		1	1	2
Compressor type		Scroll		
Compressor make		PANASONIC		
Operation		Heating / cooling		
Pressure loss (mH2O)		4	4.2	4.5

STANDARD E.U.
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Wifi option
For remote
control

JETLINE SELECTION		55	70	95	125	150	180	180 Tri	225 Tri	260 Tri	310 Tri	
Pool volume		20-30m3	30-40m3	40-50m3	45-65m3	65-80m3	75-95m3	75-95m3	80-120m3	100-135m3	120-160m3	
Reference		PC-JLS055	PC-JLS070	PC-JLS095	PC-JLS125	PC-JLS150	PC-JETLINE-S180	PC-JETLINE-S180T	PC-JETLINE-S225T	PC-JETLINE-S260T	PC-JETLINE-S310T	
Air 26°C Water 26°C Humidity 80%	Capacity (W)	5 350	7 040	9 860	12 750	15 440	18 060	18 100	22 640	26 240	31 160	
	Consumed power (W)	904	1 153	1 560	2 010	2 420	2 830	2 830	3 710	4 280	5 090	
	COP	5.92	6.12	6.32	6.34	6.38	6.36	6.4	6.11	6.13	6.12	
Air 15°C	Capacity (W)	4 050	5 040	7 140	9 210	11 330	13 020	13 150	16 010	18 050	22 030	
Water 26°C	Consumed power (W)	810	1 030	1 410	1 810	2 220	2 590	2 600	3 160	3 540	4 310	
Humidity 70%	COP	4.97	4.89	5.06	5.09	5.13	5.02	5.05	5.06	5.09	5.11	
Power supply		Mono 230V / 50Hz						Tri 380-415V 3N ~50 Hz				
Max. power (W)		1 350	1 820	2 120	2 780	3 530	3 860	4 530	5 980	6 820	8 220	
Max. current (A)		6.29	8.26	9.11	12.56	15.43	18.1	7.01	9.64	10.34	12.7	
Heating temperature range		15°C / 40°C										
Operating range		-5°C / 43°C										
Flow (m³/h)		1.91	2.52	3.4	4.22	5.1	5.9	5.9	7	8.1	10.2	
Refrigerant		R32						R410A				
Packaging dimensions (mm)		930x380x740			980x400x785				1170x485x840		1270x500x985	
Dimensions (mm)		880x320x605			930x340x650				1130x410x710		1220x440x850	
Net/gross weight (kg)		39 / 48.5	43 / 52.5	53.5 / 63.5	55 / 65	60 / 70	65 / 75	68 / 78	95 / 110	107 / 122	112 / 127	
Noise at 1 m (db(A))		<47	<48	<50	<49	<49	<50	<50	<50	<51	<51	
Noise at 4 m (db(A))		<37	<38	<38	<39	<39	<40	<40	<40	<41	<41	
Noise at 10 m (db(A))		<28	<29	<29	<30	<30	<31	<31	<31	<32	<32	
Compressor type		Rotary							Scroll			
Compressor make		Toshiba						Mitsubishi	Daikin			
HEAT exchanger		Double titanium coil					Twisted Tech®Titanium					
Operation		Auto / Heating / Cooling										
Pressure loss (mH2O)		0.8	0.9	1	1.1	1.2	1.22	1.22	1.22	1.22	1.22	

STANDARD E.U.
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Wifi option
For remote
control

JETLINE SELECTION INVERTER		120	150	200	280
Pool volume		from 45 to 70m ³	from 65 to 90m ³	from 80 to 110m ³	from 110 to 145m ³
Reference: PC-JETLINE-SV		120W	150W	200W	280W
Air 26°C Water 26°C Humidity 80%	Max. output power (kW)	12.5	15.6	20.8	29.1
	Min. output power (kW)	2.89	3.61	4.86	6.71
	Consumed power (kW)	1.82 ~ 0.216	2.25 ~ 0.27	3.04 ~ 0.366	4.19 ~ 0.502
	COP	13.38 ~ 6.87	13.37 ~ 6.93	13.28 ~ 6.84	13.37 ~ 6.95
Air 15°C	Max. output power (kW)	9.37	12.48	15.6	20.8
Water 26°C	Min. output power (kW)	2.17	2.88	3.59	4.8
Humidity 70%	Consumed power (kW)	1.9 ~ 0.3	2.53 ~ 0.4	3.17 ~ 0.503	4.22 ~ 0.664
	COP	7.23 ~ 4.93	7.24 ~ 4.93	7.14 ~ 4.92	7.23 ~ 4.93
Power supply		Mono 230V / 50Hz			
Heating temperature range		15°C / 40°C			
Operating range		-10°C / 43°C			
Max. current (A)		16	20	25	30
Flow (m ³ /h)		3.2	4.3	5.1	7
Refrigerant		R32			
Packaging dimensions (mm)		980x400x785			1170x485x840
Dimensions (mm)		945x380x652			1130x410x710
Net/gross weight (kg)		52 / 62	56 / 66	61 / 71	69 / 80
Noise at 1 m (db(A)) Inverter		<48 ~ <35	<49 ~ <35	<49 ~ <35	<49 ~ <36
Noise at 1 m (db(A)) ON/OFF		<48	<49	<49	<49
Noise at 10 m (db(A)) Inverter		<29 ~ <21	<31 ~ <23	<32 ~ <24	<33 ~ <24
Compressor type		Double rotary			
Compressor make		Mitsubishi			
Heat exchanger		Twisted Tech®Titanium			
Operation		EcoBooster & EcoSilence (inverter) / Heating / Cooling			
Pressure loss (mH2O)		1.1	1.1	1.1	1.2

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TECHNICAL SPECIFICATIONS



Wifi option
For remote
control

TRILINE SELECTION		210	250	300
Pool volume		from 80 to 110m3	from 100 to 135m3	from 120 to 160m3
Reference: PC-TLS		210	250	300
Air 26°C Water 26°C Humidity 80%	Capacity (kW)	21.01	25.62	30.66
	Consumed power (kW)	3.41	4.16	4.97
	COP	6.16	6.16	6.17
Air 15°C Water 26°C Humidity 70%	Capacity (kW)	15.12	18.06	22,05
	Consumed power (kW)	2.95	3.55	4,32
	COP	5.11	5.08	5.1
Power supply		Tri 380-415V /3N /50Hz		
Max. power (kW)		5.53	6.71	8.19
Heating temperature range		12°C / 40°C		
Operating range		-5°C / 43°C		
Max. current (A)		8.43	10.23	12.5
Flow (m³/h)		4,2 ~ 8,5	5,1 ~ 10,3	6.3 ~ 12.5
Refrigerant		R410A		
Packaging dimensions (mm)		745x745x1035		
Dimensions (mm)		740x700x900		
Net/gross weight (kg)		102 / 115	109 / 122	114 / 127
Noise at 1 m (db(A))		<51	<52	<53
Noise at 4 m (db(A))		<41	<42	<43
Noise at 10 m (db(A))		<32	<33	<34
Compressor type		Rotary	Scroll	
Compressor make		Mitsubishi	Panasonic	
Operation		Auto / Heating / Cooling		
Pressure loss (mH2O)		1.5	1.5	1.8

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ARTIC LINE SELECTION		150
Pool volume (all year use)		from 45 to 65m ³
Reference: PC-ALS		150
Air 26°C Water 26°C Humidity 80%	Capacity (W)	15 000
	Consumed power (W)	2 630
	COP	5.7
Air 15°C Water 26°C Humidity 70%	Capacity (W)	11 400
	Consumed power (W)	2 260
	COP	5.04
Air -20°C Water 26°C Humidity 70%	Capacity (W)	3 450
	Consumed power (W)	1 630
	COP	2.12
Power supply		Mono 230V / 50Hz
Max. power (W)		4 180
Max. current (A)		18
Heating temperature range		9°C / 40°C
Operating range		-25°C / 43°C
Flow (m ³ /h)		5
Refrigerant		R410A
Packaging dimensions (mm)		1242x485x844
Dimensions (mm)		1215x485x713
Net/gross weight (kg)		100 / 112
Noise at 1 m (db(A))		<50
Noise at 4 m (db(A))		<40
Noise at 10 m (db(A))		<31
Compressor type		Rotary
Compressor make		HITACHI
Heat exchanger		Double titanium coil
Operation		Auto / Heating / Cooling
Pressure loss (mH ₂ O)		1.3

STANDARD E.U.
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Wifi option
For remote
control

POOLEX SILVERLINE		55	70	90	120	150	180	220
Pool volume		20-30m3	30-40m3	40-50m3	45-65m3	65-75m3	70-90m3	80-110m3
Reference		PC-SLP055	PC-SLP070	PC-SLP090	PC-SLP120	PC-SLP150	PC-SILVERPRO-180	PC-SILVERPRO-220
Air 26°C	Capacity (W)	5 390	7 020	9 310	12 500	15 240	18 000	22 520
Water 26°C	Consumed power (W)	880	1 130	1 510	2 010	2 460	2 820	3 730
Humidity 80%	COP	6.13	6.21	6.17	6.22	6.2	6.38	6.03
Air 15°C	Capacity (W)	3 900	5 070	7 050	9 050	10 590	12 600	15 500
Water 26°C	Consumed power (W)	810	1 010	1 390	1 780	2 070	2 520	3 140
Humidity 70%	COP	4.84	5.02	5.07	5.08	5.12	5	4.93
Power supply		Mono 230V / 50Hz						
Max. power (W)		1290	1830	2510	3030	3580	3850	6210
Max. current (A)		6.26	8.85	11.52	14.5	16.41	18.5	27.1
Heating temperature range		15°C / 40°C						
Operating range		5°C / 43°C						
Flow (m³/h)		1.86	2.5	3.2	4.01	4.7	5.6	7
Refrigerant		R32						R410A
Packaging dimensions (mm)		845x330x610	905x350x645	1005x350x750				1150x425x820
Dimensions (mm)		765x310x490	827x340x531	927x340x636				1067x405x692
Net/gross weight (kg)		39 / 44	41 / 50	49 / 59	52 / 62	54 / 64	66 / 80	76 / 90
Noise at 1 m (db(A))		<46	<46	<48	<49	<49	<51	<51
Noise at 4 m (db(A))		<39	<40	<42	<43	<45	<46	<46
Noise at 10 m (db(A))		<30	<36	<37	<39	<39	<40	<40
Compressor type		Rotary						Scroll
Compressor make		Toshiba					Mitsubishi	Panasonic
HEAT exchanger		Twisted Tech®Titanium						
Operation		Heating						
Pressure loss (mH2O)		0.9	0.9	1	1.10	1.13	1.15	nc

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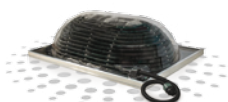


Wifi option
For remote
control

POOLEX SILVERLINE INVERTER		85	105	125
Pool volume		from 35 to 50m3	From 40 to 60m3	from 50 to 70m3
Reference: PC-SLP		085N	105N	125N
Air 26°C	Max. output power (kW)	8.6	10.6	12.6
Water 26°C	Min. output power (kW)	2.01	2.35	2.81
Humidity 80%	Consumed power (kW)	1.24 ~ 0.153	1.53 ~ 0.183	1.83 ~ 0.215
	COP	13.1 ~ 6.9	13.1 ~ 6.9	13.1 ~ 6.9
Air 15°C	Max. output power (kW)	6.61	7.98	9.21
Water 26°C	Min. output power (kW)	1.53	1.83	2.13
Humidity 70%	Consumed power (kW)	1.36 ~ 0.21	1.63 ~ 0.25	1.90 ~ 0.30
	COP	7.1 ~ 4.86	7.1 ~ 4.86	7.1 ~ 4.85
Power supply		Mono 230V / 50Hz		
Max. power (kW)		2.4	3.01	3.52
Max. current (A)		12.31	14.32	16.32
Heating temperature range		15°C / 40°C		
Operating range		-10°C / 43°C		
Flow (m³/h)		3	3.5	4
Refrigerant		R32		
Packaging dimensions (mm)		1005x350x750		
Dimensions (mm)		927x340x636		
Net/gross weight (kg)		43 / 48	45 / 50	48 / 53
Noise at 1 m (db(A))		<38 ~ <46	<40 ~ <48	<40 ~ <48
Noise at 10 m (db(A))		<20 ~ <28	<21 ~ <29	<21 ~ <29
Compressor type		Double rotary		
Compressor make		Toshiba		
HEAT exchanger		Twisted Tech®Titanium		
Operation		EcoBooster & EcoSilence (inverter) / Heating / Cooling		
Pressure loss (mH2O)		1	1	1.1

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SOLAR DOME MAXI POOLSUN	
Reference:	PC-DOME-10
Heating capacity	15 m³
Product dimensions	113 x 75 x 32.5 cm (L x W x H)
Packaging dimensions	115 x 77 x 34 cm (L x W x H)
Maximum volume	13 L
Maximum pressure	2 bar
Maximum flow	7000 litre/hour
Maximum temperature	100°C
Material	UV-resistant treated polycarbonate
Possibility of series installation	Yes
Recycling	100% recyclable
Guarantee	1 year

Sales Department

From Monday to Friday

from 9:30 to 12:30 a.m. and 2:00 to 5:30 p.m.

Phone: **+33(0)4 91 51 15 16**

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