



POLYTROPIC
• POOL HEATING SOLUTIONS •



VERSO

Innovative design with a low space requirement



POLYCONNECT 2.0
INSIDE

SLEEK LOOK AND OPTIMAL PERFORMANCE

Verso has all the advantages of a pool heat pump with full Inverter technology. Its exclusive blower system, with both side and central air intake, frees you from installation constraints, while adding a touch of design.



Certified noise levels
Independent testing laboratory



Technical specifications

| MODEL | Verso XS | Verso S | Verso M | Verso XM |
|--|-------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|
| SCOP acc. to EN 17645 | 9,2 | 10,4 | 10,7 | 10,7 |
| Classification acc.to EN 17645 | A | A | A | A |
| Recommended pool size* | 35-45 m ³ | 45-60 m ³ | 60-85 m ³ | 85-105 m ³ |
| Air 26°C / Water 26°C / Humidity 80% | | | | |
| Energy Output BOOST mode | 9,5 kW | 12,9 kW | 14,8 kW | 20,3 kW |
| COP BOOST mode | 6,5 | 6,4 | 6,5 | 6,4 |
| Energy Output SMART mode | 9,5 ~ 5,2 kW | 12,9 ~ 7,1 kW | 14,8 ~ 8,1 kW | 20,3 ~ 11,2 kW |
| COP SMART mode | 6,5 ~ 14,4 | 6,4 ~ 16,7 | 6,5 ~ 16,9 | 6,4 ~ 16,9 |
| Energy Output ECO-Silence mode | 5,2 kW | 7,1 kW | 8,1 kW | 11,2 kW |
| COP ECO-Silence mode | 14,4 | 16,7 | 16,9 | 16,9 |
| Air 15°C / Water 26°C / Humidity 70%** | | | | |
| Energy Output BOOST mode | 7,1 kW | 9,0 kW | 10,9 kW | 14,8 kW |
| COP BOOST mode | 4,9 | 4,8 | 4,9 | 4,9 |
| Energy Output SMART mode | 7,1 ~ 3,9 kW | 9,0 ~ 5,0 kW | 10,9 ~ 6,0 kW | 14,8 ~ 8,1 kW |
| COP SMART mode | 4,9 ~ 7,0 | 4,8 ~ 7,9 | 4,9 ~ 8,0 | 4,9 ~ 7,9 |
| Energy Output ECO-Silence mode | 3,9 kW | 5,0 kW | 6,0 kW | 8,1 kW |
| COP ECO-Silence mode | 7,0 | 7,9 | 8,0 | 7,9 |
| Air 7°C / Water 26°C / Humidity 90% | | | | |
| Energy Output BOOST mode | 4,8 kW | 6,5 kW | 8,2 kW | 11,0 kW |
| COP BOOST mode | 3,4 | 3,6 | 3,7 | 3,5 |
| Noise level CTTM mini-maxi (at 10m) according to EN ISO 3741 : 2010 ** | 23 ~ 39 dB(A) | 25 ~ 38 dB(A) | 26 ~ 38 dB(A) | 29 ~ 39 dB(A) |
| Noise level min-max (at 10m) acc. to EN ISO 3744 : 2010 | 20 ~ 35 dB(A) | 21 ~ 35 dB(A) | 23 ~ 35 dB(A) | 25 ~ 36 dB(A) |
| Temperature working range | -3°C -> 43°C | | | |
| Installation | | | | |
| Hydraulic connexions | 1,5"/50 mm | | | |
| Power | 230 V / 1~+N / 50 Hz | | | |
| Circuit breaker and cable size (for 20 m) | C 10 A (3G 2,5 mm ²) | C 16 A (3G 2,5 mm ²) | C 16 A (3G 2,5 mm ²) | C 20 A (3G 4 mm ²) |
| Power Input Max (air 26°C) | 1,8 kW | 3,0 kW | 3,5 kW | 4,2 kW |
| Minimum water flow | 3 m ³ /h | 3 m ³ /h | 4 m ³ /h | 5 m ³ /h |
| Dimensions in mm (L x l x h) | 981 x 409 x 670 | | 1051 x 433 x 770 | |
| Weight net (gross) | 52 kg (62 kg) | 54 kg (64,5 kg) | 72 kg (83,5 kg) | 76 kg (87,5 kg) |

* May to September with cover.

** Tests carried out at an air temperature of 15°C, with a water inlet at 26°C and a water outlet at 28°C to define the water flow rate, heating capacity and consumption, in accordance with FPP recommendations.

*** Noise levels in BOOST and ECO mode at 10 m, certified by the independent laboratory Centre de Transfert de Technologie du Mans, in accordance with EN ISO 3741: 2010

Features and **benefits**



SIMPLE AND INTUITIVE OPERATION

A LCD touch screen to program, display the temperature and set time slots

3 operating modes: Heating, Cooling and Automatic



OPTIMAL PERFORMANCES

Optimal Twist : Titanium heat exchanger in a PVC housing, efficient and corrosion resistant.



2D Technology : inverter compressor, higher COP thanks to the Hz by Hz variable speed motor.



DC Brushless : variable speed fan motor ensures optimal performances.



Reverse-cycle defrosting



INTELLIGENT OPERATING MODE

PolySmart Control: The heat pump regulates its own power to adapt to the needs of your pool, depending on the water temperature and the ambient temperature.



LOW NOISE LEVELS

Noise reduction insulation on all panels and rotation speed of the compressor and fan automatically adjusted to reduce noise to the minimum.



CONNECTED SOLUTION

PolyConnect inside : module wifi inclus pour un contrôle à distance via smartphone et une supervision permanente par le Technicenter.



ENERGY EFFICIENCY

- Full-Inverter Technology,
- Low impact R32 refrigerant,
- Enhanced COP.

ACCESSORIES INCLUDED: winter cover, 50 mm hydraulic connection kit, 4 «Silent block» anti-vibration pads, condensate drainage kit.



PolySmart Control : major assets

EXCLUSIVE REGULATION AND SAVINGS

- **Optimise the power required to maintain the temperature** of your pool, by cross-referencing ambient temperature and water temperature data.
- **Anticipation of the pool's energy requirements** thanks to advanced dual input regulation.
- **Much higher COP** on average over the season + **low noise level**.
- Inverter compressor with «oversized» heat exchangers = **higher COP**.
- Brushless fan (variable speed) = **lower noise level**.
- Combination of Inverter compressor and Brushless fan = **power regulated** according to pool requirements.

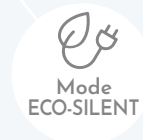
3 OPERATING MODES



We ask the machine for maximum power to heat up quickly.



The power and sound level are automatically adjusted according to the temperature outside and in your pool.



The maximum power delivered by the machine is limited to ensure the lowest noise level and the highest COP at all times.

HIGHER COP



LOWER electricity bill



LOWER noise levels



BETTER user comfort



LCD touch screen

INTUITIVE CONTROL

- Easy-to-read digital display
- Simple, intuitive touch adjustment
- Easy to use.

An exclusive operation

Thanks to the exclusive design and construction, the cooled air rejected is not recycled, **as most of the suction takes place at the front**. The air passing over the exchanger is better distributed, increasing the machine's efficiency.



POLYCONNECT 2.0 INSIDE



CONNECTED SOLUTION

Easily connect the heat pump by scanning the QR code, **check** the status via the free app and **benefit from secure remote supervision** for preventive maintenance and remote diagnosis by Polytrropic technicians.



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