

### SLEEK LOOK AND PERFORMANCE

Verso has all the features of a swimming pool heat pump with full Inverter technology. Moreover its exclusive blower system with both lateral and central air intake reduces installation constraints while bringing a design bonus.









### Features and benefits



### SIMPLE AND INTUITIVE OPERATION

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

Three operating modes: Heating, Cooling and Automatic.



### INTELLIGENT OPERATING MODE

**PolySmart Control:** the heat pump autoregulates its output depending on the water and air temperature.



**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.







### **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.



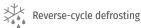
#### **CONNECTED SOLUTION**

**PolyConnect inside:** WiFi module included. Remote management with a smartphone and supervision by our TechniCenter.



manual.

**DC Brushless:** variable speed fan motor ensures optimal performance.





### **ENERGY EFFICIENCY**

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

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

Reverse-cycle derrosti

# PolySmart Control: a sizeable asset

### **EXCLUSIVE REGULATION AND ENERGY SAVINGS**

- Optimization of the power required for maintaining the temperature of the pool by cross-referencing air temperature with water temperature data
- Anticipation of the pool's energy needs thanks to an advanced double-entry regulation.
- An overall higher COP during the season and lower noise levels.
- Inverter compressor with «oversized» exchangers = higher COP.
- Brushless variable speed fan = lower noise levels
- Combination of the Inverter compressor and the Brushless fan motor
   automatic regulation of the power when the pool does not require full power.

3 OPERATING MODES



The heat pump will raise its heating capacity to near full capacity in order to heat the pool water rapidly.



The output and the noise levels are automatically optimized considering the air and the water temperature.



the maximum power output is limited in order to prioritize noise over heating power.

HIGHER COP





LOWER electricity



LOWER noise levels





BETTER user

## Technical specifications

MODEL	Verso XS	Verso S	Verso M	Verso XM
Recommended pool size*	35-45 m³	45-60 m³	60-85 m³	85-105 m³
	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 ~ 2,3 kW	12,9 ~ 2,4 kW	14,8 ~ 2,6 kW	20,3 ~ 2,8 kW
COP SMART mode	14,4 ~ 6,5	16,7 ~ 6,4	16,9 ~ 6,5	16,9 ~ 6,4
Energy Output ECO-Silent mode	2,3 kW	2,4 kW	2,6 kW	2,8 kW
COP ECO-Silent mode	14,4	16,7	16,9	16,9
	Air 15°C / Water :	26°C / Humidity 70%**		
Energy Output BOOST mode	7,1 kW	8,8 kW	10,9 kW	14,8 kW
COP BOOST mode	4,9	4,8	4,9	4,9
Energy Output SMART mode	7,1 ~ 1,5 kW	8,8 ~ 1,7 kW	10,9 ~ 1,9 kW	14,8 ~ 2,1 kW
COP SMART mode	7,0 ~ 4,9	7,9 ~ 4,8	8,0 ~ 4,9	7,9 ~ 4,9
Energy Output ECO-Silent mode	1,5 kW	1,7 kW	1,9 kW	2,1 kW
COP ECO-Silent mode	7,0	7,9	8,0	7,9
Noise level min-max (at 10 m) CTTM certified***	23~39 dB(a)	25~38 dB(a)	26~37 dB(a)	29~39 dB(a)
Noise level min-max (10 m) acc. 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 -	> 38° C	
	Con	nponents		
Compressor	2D Technology <b>INVERTER</b>			
Expansion valve	Electronic			
Exchanger	Optimal Twist			
Housing	UV resistant ABS housing panels, sound insulation of the panels			
Refrigerant	R32			
	Inst	tallation		
Hydraulic connections	1,5" / 50 mm			
Power	230 V / 1~+N / 50 Hz			
Circuit breaker and cable size (for 20m)	C 10 A (3G2,5 mm²)	C 10 A (3G2,5 mm²)	C 16 A (3G2,5 mm²)	C 20 A (3G4 mm²)
Power Input Max (air 28°C)	1,6 kW	1,8 kW	2,8 kW	3,4 kW
Minimum water flow	4 m³/h 5 m³/h 6 m³/h			
Dimensions in mm (L x l x h)	874 x 390 x 647	974 x 410 x 647	1180 x 420 x 750	1180 x 420 x 750
Weight (net)	55 kg	57 kg	72 kg	73 kg

<sup>\*</sup> May to September with cover.

\*\* Tests run with air temperature of 15°C, water inlet temperature of 26°C and water outlet temperature of 28°C in order to define the required water flow, heating capacity and consumption. In accordance with FPP recommendations (French Pool Federation).

<sup>\*\*\*</sup>The BOOST and ECO mode noise levels at 10 m are certified by the independent testing laboratory of Centre de Transfert de Technologie du Mans (CTTM) according to EN ISO 3741: 2010.



### LCD touch screen

### **INTUITIVE CONTROL**

- Highly readable digital display
- Simple and intuitive touch setting
- User friendly

# An exclusive operation

Due to the exclusive design and construction, the cooled exhaust air is not recycled. The air passing over the exchanger is better distributed and thus increases the efficiency of the machine.







Easily connect the heat pump by scanning the QR code, control via the free app and get secure remote monitoring for preventive maintenance and remote diagnosis by Polytropic technicians.

The Polyconnect application offers an additional 2 Year warranty on all parts \*











