

TECHNICAL CHARACTERISTICS

MODELS	PET-08	PET-10	PET-13	PET-15	PET-19	PET-25	PET-30	PET-35	PET-30T	PET-35T
CODES	74166	74167	74168	74169	74170	74171	74172	74173	74174	74175
Coolant fluid	R32								R410A	
Recommended flow rate (m ³ /hour)	4	5	6	7	8	10	13			
Hydraulic connection	PVC 1/2 Ø 50 mm									
Electric power supply	220*240 V/50 Hz or 60 Hz/1 PH								380 V - 50 Hz or 60 Hz/3 PH	
Acoustic pressure (lp) at 10 m (dB(A)) @speed min-max	21-34	22-35	23-35	23-37	23-37	24-39	26-44	26-44	26-44	26-44
Weight (kg)	56	68	73	78	98	117	128	130	128	130
Number of fans	1						2			

DIMENSIONS

PET-08



PET-10/13/15



PET-19/25



PET-30/30T/35/35T



PRO ELYO TOUCH

HEAT PUMP

FULL-INVERTER TECHNOLOGY



PRO ELYO TOUCH

FULL-INVERTER TECHNOLOGY

SWIMMING POOL PRIVATE



• **Full Inverter Technology: silent and economical**
Inverter technology enables the heat pump to adjust its power based on the pool's water temperature and weather conditions. This helps it offer the most energy efficiency at an extremely low noise level.

• **8 power levels ranging from 8.5 kW to 35 kW for small pools as well as large pools over 200 m³***

• **Minimum outside air operating temperature: -20 °C**



Did you know?

A heat pump's maximum pool volume depends on your pool's characteristics and your geographical location. Our sizing tool on the opposite page will help you select the optimum operating power for your heat pump, and for even greater precision, you can use our online configurator.

3 OPERATING MODES

1. Silent: Ideal to maintain the temperature or at night time

- Heat Pump runs at low power setting
- Compressor operates on low speed ranges to minimize energy consumption
- Lowest noise and highest COP

2. Smart: Normal use

- Compressor operates smartly from low to high speed ranges
- Reduced noise and energy consumption

3. Powerful: Ideal to begin the season or to operate in cold conditions

- Heat Pump runs at high power setting
- Compressor operates on high speed ranges to heat the pool faster
- Maximum heating power

FULL INVERTER TECHNOLOGY



Wide LED touch screen

- Heating priority mode (heating function ensured outside of filtration hours)
- ABS plastic body with a new injected fan grid; protective galvanized steel grid around the evaporator
- Compressor and variable-speed fan (Full Inverter)
- Automatic cooling mode
- Titanium water-condensing heat exchanger (compatible with salt treatment)

OPTIONAL ACCESSORIES

Remote control kit (ref 74199)



ACCESSORIES INCLUDED

- 1 winter cover.
- 4 anti-vibration feet.
- Condensate drainage kit.

- 1 Modbus cable, 10 m long (to link the heat pump to the Connect Box).
- 2 x PVC fittings 1/2 union Ø 50.

PERFORMANCES AND SIZING HELP

	PET-08	PET-10	PET-13	PET-15	PET-19	PET-25	PET-30	PET-35	PET-30T	PET-35T
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HEATING PERFORMANCE AT 28 °C (AIR), 28 °C (WATER), 80% RELATIVE HUMIDITY

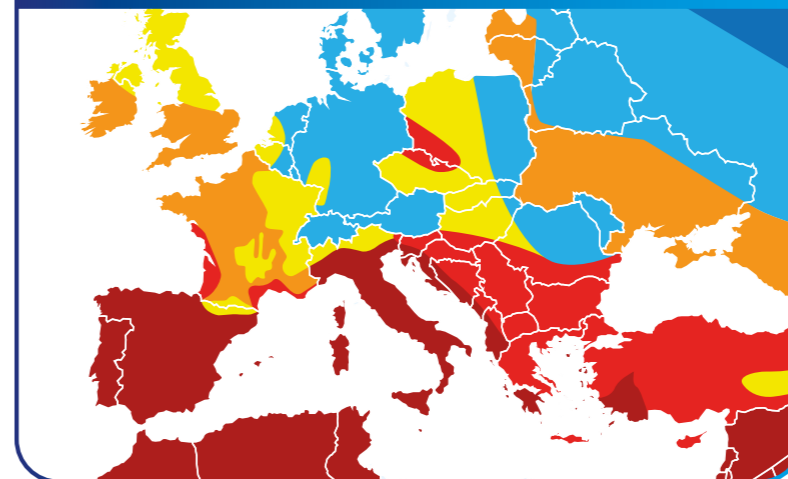
Heating capacity (kW) Speeds max-min	8.50 - 3.1	10.5 - 2.3	13.5 - 3	15.9 - 3	19.8 - 3.8	25.5 - 4.7	30.0 - 6	35 - 8	30.0 - 6	35 - 8
Power consumption (kW) Speeds max-min	1.5 - 0.2	1.7 - 0.15	2.2 - 0.2	2.6 - 0.2	3.3 - 0.25	4.2 - 0.3	5 - 0.35	5.9 - 0.5	5 - 0.35	5.9 - 0.5
C.O.P Speeds max-min	5.8 - 15	6.2 - 16			6 - 16					

HEATING CAPACITY AT 15 °C (AIR), 26 °C (WATER), 70% RELATIVE HUMIDITY

Heating capacity (kW) Speeds max-min	6.0 - 2.5	7.5 - 2	9.0 - 2	11.0 - 2.5	13 - 3	17 - 4	21.0 - 5.5	25.0 - 5.5	21.0 - 5.5	25.0 - 5.5
Power consumption (kW) Speeds max-min	1.4 - 0.3	1.75 - 0.25	2.0 - 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
C.O.P Speeds max-min	4.5 - 8									

Power, expressed in kW, indicates the quantity of heat transferred to the water. It depends on 3 conditions: outside air temperature and humidity, and the temperature in the pool. Comparing power supplied and COP in the same conditions is needed in order to compare the effectiveness of various heat pumps.

CLIMATE ZONES



Indicative sizing for a pool of 1.5 m average depth, in use between 15 May and 15 September, with a daily filtration time of 14 hours.

Example of reading:

In the above conditions, in the Proelyo Touch range, the appropriate model for a 50 m³ covered pool in zone 5 is PET-13.

The sizing table provided below is a quick and easy tool to get a rough idea of your heating solution needs. For a more detailed and personalised configuration (e.g. taking into account the exact shape and depth of your pool, your period of use, your desired water temperature), use our online configurator: www.astralpool.com/fr/configureur-de-pompes-chaaleur. However, since every pool and its surroundings are unique, it is strongly recommended to speak with a pool professional in addition to using these tools.

WITH COVER	Pool volume (m ³)	0	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	160							
		PET-08					PET-10					PET-13					PET-15					PET-19					PET-25					PET-30/30T					PET-35/35T				
	Zone 7	Zone 6	Zone 5	Zone 4	Zone 3	Zone 2	Zone 1																																		
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WITHOUT COVER	Pool volume (m ³)	0	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	160							
		PET-08					PET-10					PET-13					PET-15					PET-19					PET-25					PET-30/30T					PET-35/35T				
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* Performance: Air at 28 °C/Water at 28 °C/80% Humidity For a pool located in zone 7, used between 15 May and 15 September, 14 hours of daily filtering, average depth of 1.5 m