



## EVOLine

The most inexpensive air-water heat pump to run for heating pools.

For private pools of up to 80 m<sup>3</sup>.

This technology makes it possible to extend the swimming season so that pools can be used for longer during the year. Its capacity for extracting energy from air enables it to obtain 5 times more energy that it consumes. It is therefore low on power consumption and high on eco-friendliness.



Heat pump configurator

[www.astralpool.com](http://www.astralpool.com) → Calculation tools



## PRODUCT DESCRIPTION

- The best value for money heat pump in the market.
- **EVOLine** has been especially designed to make huge energy savings in colder climates.
- The greater the COP, the greater the energy savings, which makes for lower electricity bills. EVOLine pumps have over-dimensioned components, such as the evaporator and the A1 titanium dual coil heat exchanger.
- The electric element in the bottom tray prevents ice from forming on the base of the unit.
- **Free downloadable app** for controlling the heat pump via Wi-Fi.
- Reverse **cycle** defrosting.
- R-410A **refrigerant**.
- Minimum working temperature of air of 0 °C.
- **Heat and cold** regulated to keep a constant temperature.
- ABS **housing** / White
- Digital control; watertight switchboard.
- High and low pressure switch.



We reserve the right to change all or part of the product features and/ or the contents of this document without prior notice.

# EVOLine



## AIR-WATER HEAT PUMPS FOR OUTDOOR INSTALLATION



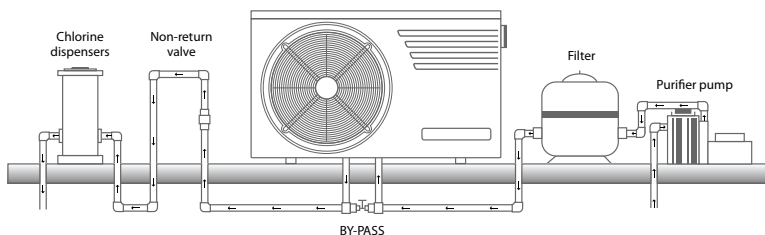
TECHNICAL SPECIFICATIONS										
MODEL			EVOLine6	EVOLine10	EVOLine13	EVOLine15	EVOLine20	EVOLine25	EVOLine35	
CODE			66069	66070	66071	66072	66073	66074	66075	
24°C AIR T. 26°C WATER T.	Power	KW	4,8	8,2	9,4	11,6	17,2	22,5	33,1	
	COP		5	5,1	5,3	5,4	5,1	5,4	5,5	
15°C AIR T. 26°C WATER T.	Power	KW	3,6	6,2	7,1	8,7	12,9	16,9	24,8	
	COP		3,8	3,8	4	4,1	3,8	4,1	4,1	
5°C AIR T. 26°C WATER T.	Power	KW	2,5	4,2	4,6	5,6	9,1	10,8	15,6	
	COP		2,7	2,7	2,8	2,9	2,6	2,9	2,9	
INPUT		KW	1	1,6	1,8	2,1	3,5	4,2	6	
RATED CAPACITY		A	4,5	7,3	8,2	9,5	15,9	7,1	10,1	
VOLTAGE		V/Ph/Hz	220-240V/1Ph/50Hz					380V/3Ph/50Hz		
DISPLAY			LED/LCD							
NUMBER OF FANS			1	1	1	1	1	1	2	
SOUND LEVEL		dB(A) (1 m)	50	53	54	54	56	56	57	
WATER CONNECTION		Inches	1-1/2							
MIN. WATER FLOW		m³/h	1,3	2,2	2,7	3,6	4,9	6	13	
APPROXIMATE POOL VOLUME (for pool with cover)		Max. m³	12	19	24	30	45	56	80	
		Min. m³	5	15	17	19	27	35	52	
DIMENSIONS	Length	mm	778	938	1015	1015	1080	1078	1078	
	Width		293	360	370	370	416	416	416	
	Height		511	581	621	621	708	958	1258	
WEIGHT	Net	Kg	33	48	55	60	91	99	120	
	Gross		38	56	62	67	104	114	136	

Winter cover included.

TECHNICAL SPECIFICATIONS										
MODEL			EVOLine6	EVOLine10	EVOLine13	EVOLine15	EVOLine20	EVOLine25	EVOLine35	
VOLTAGE		V/Ph/Hz	220-240V/1Ph/50Hz					380-400V/3Ph/50Hz		
RATED CAPACITY		A	4,5	7,3	8,2	9,5	15,9	7,1	10,1	
FUSE RATING		A	10	13	16	20	25	3x16	3x20	
POWER CABLE	Max 20 m	mm²	2x1,5	2x2,5	2x2,5	2x2,5	2x6	3x2,5	3x2,5	
	Max 50 m		2x4	2x4	2x6	2x6	2x6	3x6	3x6	

Maximum operating conditions: minimum outdoor air temperature 0 °C. Maximum pool water temperature 40 °C. Maximum water inlet pressure 3 bar.

### Diagram of setup



- The heat pump is ready for connection to a general power supply to earth.
- Cable section: This section is a guideline only and must be checked and adapted according to installation requirements and conditions.
- The threshold voltage variation is +/-10% during operation.
- Protect the line with a circuit breaker and a 30 mA residual-current device.
- The air should reach the unit free of obstacles (30 cm min.).
- The air expelled should not be blocked by anything (1.5 m).
- Avoid potential air recirculation.
- Mount the unit on a level base.