



# AIR SOURCE HEAT PUMP

ecological & economical

Heat more efficiently and heat cleanly, consuming less energy to preserve resources for future generations.

Save up to 75%\*  
on your heating bills!

Because this is the only planet we have !

Ophely heat pump uses R410 refrigerant and hence limits the greenhouse effect : up to 83% less CO<sub>2</sub> than an oil heating system.

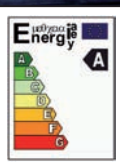
Ophely heat pump is also particularly quiet, a major advantage for you and your neighbours.

Because the air we breathe is more precious than we realize !

There is an unlimited supply of outside air heated by the sun. This free energy is collected by our Ophely DC Inverter air source heat pump which transfers the heat extracted from the air to your home.



\* depending on the house, insulation and existing heating system





## DC Inverter Technology

The hydraulic module, the most compact of its type, can be installed easily in your garage and produces heat for the whole house. It can supply low temperature radiators, underfloor heating and/or fan coil units. The outdoor unit is installed outside your home. Thanks to the DC Inverter technology, the heat pump will produce heat down to outdoor temperatures of -20°C.

## Performance to meet your expectations

The Ophely heat pump offers one of the best Coefficients of Performance (COP) on the market. For 1 kWh of electricity consumed, the system produces up to 4.23 kWh of heat. Ophely is a 100% inverter heat pump, with a built-in management controller providing you the choice of 5 different regulation modes. This flexible system can be adjusted on-site and upgraded simply by adding news accessories. The controller provides "smart" control of back-up auxiliary electric heaters.

## A multifunction product adaptable to numerous configurations

Many functions can be performed by the heat pump Ophely in addition to home heating such as cooling in summer through a floor-heating or cooling fan coil units, production of hot water or heating the pool at low cost.



### Your personalized assessment

Consopac software, developed by Airpac, estimates your energy and environmental balance from your heating loss. It allows to compare consumption, costs and impact on the greenhouse of the Ophely System, in relation to different types of heating systems on the market (electric, gas, oil ..)

Printed on recycled paper.



Non-building pictures

Concept and creation tfv.fr

### Your installer :

Ophely Characteristics		Ophely 254	Ophely 364	Ophely 484	Ophely 604	Ophely 906
Heating capacity <sup>(1)</sup>	kW	8,47	11,90	15,10	18,80	28,70
Coefficient of performance COP <sup>(1)</sup>	kWh/kWh	4,23	4,09	4,21	4,09	3,79
Energy class <sup>(1)</sup>	-	A	A	A	A	C
Max. outlet water temperature	°C	+50°C				
Operating outside temperature (min/max)	°C	-20°C / +43°C				
Power supply	V/Ph/Hz	Single phase 220-240V/1N+T/50				
		Three phase 380-415V/3N+T/50				
Refrigerant type	-	R 410 A				
<b>Indoor unit</b>						
Weight	kg	27,0	30,0	30,0	30,0	50,0
Height x width x depth	mm	670 x 490 x 260				
Acoustic power Lw	dB(A)	42	43	43	45	42
Acoustic pressure in 1m/2m/5m <sup>(2)</sup>	dB(A)	31/25/≤20	32/26/≤20	32/26/≤20	34/28/≤20	31/25/≤20
Auxiliary electric heater integrated	kW	2/4/6	2/4/6	2/4/6	2/4/6	-
<b>Outdoor unit</b>						
Weight	kg	58	65	109	111	128
Height x width x depth	mm	780 x 940 x 340		1230 x 940 x 340		1530 x 940 x 340
Acoustic power Lw	dB(A)	68	69	69	70	77
Acoustic pressure Lp in 1m/2m/5m <sup>(2)</sup>	dB(A)	57/51/43	58/52/44	58/52/44	59/53/45	66/60/52

<sup>(1)</sup> Conditions NF EN14511 : Air 7°C/6°C - Water 30°C/35°C

<sup>(2)</sup> According to the product environment, the sound pressure measured on site can be substantially higher than the value declared.