

# AQUA PLUS

## SWAN-2 190÷300

Packaged monoblock heat pump for domestic hot water production

### ENERGY SAVING



Solar integration (optional)



Smart Grid ready

### COMFORT



DHW

### RELIABILITY



Backup heater



Keymark

### HEALTH



Renewable energy

### CONVENIENCE



Integrated DHW tank

### MANAGEMENT AND CONNECTIVITY



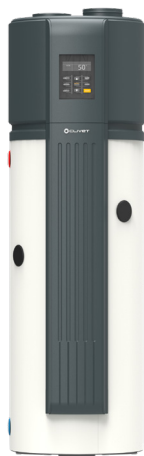
Potential-free contact



Modbus port



ELFOControl management



- ✓ Advanced connectivity: management via the App or via the Modbus port with ELFOControl<sup>3</sup> EVO included as standard
- ✓ New standard supplied equipment: electronic anode, Smart Grid and Photovoltaic contacts and external fan
- ✓ Standard version or version with additional solar collector for combination with ELFOSun
- ✓ Operation with heat pump only with the outdoor air between -7°C and 43°C
- ✓ Market-leading A+ efficiency class

## dimensions and connections

Size			190	300	190S	300S
Dimensions	Length x Height x Depth	mm	610x1.830x560	700x1.930x650	610x1.830x560	700x1.930x650
Weight		kg	287	412	310	434
Refrigerant charge		type/GWP	R134a / 1.430			
		kg	1,1	1,5	1,1	1,5
		CO <sub>2</sub> tons	1,57	2,15	1,57	2,15
External diameter	Air	mm	160	190	160	190
	Water	inch	3/4"			
	Condensate drain	mm	10			
	Solar	inch	-	-	3/4"	3/4"

## technical data

Size				190	300	190S	300S
DHW	Heating capacity		kW	1,59	2,16	1,59	2,16
	COP	Water 10/53°C	-	3,69	3,97	3,69	3,97
	Heating time	Outdoor air 14°C DB/87% UR	h:min	05:41	06:31	05:41	06:31
	Heating capacity		kW	1,38	1,84	1,38	1,84
	COP	Water 10/53°C	-	3,29	3,46	3,29	3,46
	Heating time	Outdoor air 7°C DB/87% UR	h:min	06:40	07:40	06:40	07:40
	Nominal tank volume		l	176	284	168	272
Electrical power for meter sizing			kW	2,1	2,25	2,1	2,25
Power heater			kW			1,5	
Seasonal efficiency Medium climate	DHW	Energy class	-	A+	A+	A+	A+
		Annual energy consumption	kWh/year	890	1.356	890	1.356
		DHW profile	-	L	XL	L	XL
		ηs (seasonal output)	%	115	123	115	123
<b>Unit</b>				<b>190</b>	<b>300</b>	<b>190S</b>	<b>300S</b>
Airflow		Nominal	m³/h	270	414	270	414
Available pressure		Maximum	Pa			25	
Sound power		Maximum	dB(A)	51	53	51	53
Sound pressure @1m		Maximum	dB(A)	36,6	38,2	36,6	38,2
Storage tank	Insulation: Material / Medium thickness <sup>1</sup>					PU+ / 50mm	
Solar pipe coil	Surface		m²	-	-	1,1	1,3
Max. operation pressure			bar			10	
Power supply	Voltage/Frequency/Phases		V/Hz/n°			230/50/1	
<b>Operating range</b>							
Water temperature	Heat pump	Maximum	°C			70	
Operating range (Outdoor air)		Minimum / Maximum	°C			-20 / 43	

In according to EN 16147 with rigid Ø150 ducted product.

The Product complies with the European ErP Directive (UE Regulations UE 812/2013 - 814/2013)

(1) PU+ = Polyurethane foam

## accessories



**VENX**

Additional fan



**CA200X**

Adapter to connect a Ø200mm air duct to a Ø190mm connection (for full kit, order 2 pieces)<sup>NEW</sup>



**COPX**

Accessory connection cables