

ORCA ZEUS PLUS SERIES

Technology

FOR VERY LOW COSTS

Orca Zeus Plus shows its true power at very low temperatures, as it can heat water at external air temperatures of -10°C . Orca Zeus Plus also features a 230 or 300 litre hot water tank.

Orca Zeus Plus reaches very high C.O.P. values, meaning that it uses energy from air extremely efficiently. Big savings can also be made on the coldest winter days.

Orca Zeus Plus does not only pride itself on splendid technical qualities but also offers marvelous design, silent operation and simple, user-friendly regulation.

DHW HEATING
ENERGY
CLASS

A

UP TO -10°C
EXTERNAL AIR
TEMPERATURE
ZEUS PLUS

SG
READY

5 YEAR
WARRANTY
ON HOT WATER
TANK

CONTROL OF
SOLAR
SYSTEM

	ZSW PLUS 230	ZSW PLUS 300
Product number	11350 (no heat exchanger) 11351 (1 heat exchangers)	11352 (no heat exchanger), 11353 (1 heat exchanger), 11354 (2 heat exchanger)
Operational area of the compressor	$-10\sim 35^{\circ}\text{C}$	$-10\sim 35^{\circ}\text{C}$
Hot water tank volume	230 L	300 L
Max. temperature of output water	60°C	60°C
Heat output	1800 W	1800 W
Max. heat output	3600 W	3600 W
Output of the electric heater	1800 W	1800 W
C.O.P. A20/W15-W45	4.5	4.5
C.O.P. (EN16147)	3.0	3.3
Dimensions (w×d×H)	$\phi 670 \times 1550$	$\phi 670 \times 1820$
Type of compressor	Hitachi - rotary	Hitachi - rotary
Compressor consumption	475 W	475 W
Rated current of the compressor	2.3 A	2.3 A
Refrigerant	R134a	R134a
Electricity supply	230 V / 1 Ph / 50 Hz	230 V / 1 Ph / 50 Hz
Required fuse	16 A	16 A
Noise level	48 dB(A)	48 dB(A)
Airflow	500 m^3	500 m^3
Available pressure	60 Pa	60 Pa
Diameter of air pipe	150 mm	150 mm
Max. length of air pipe	10 m	10 m
Dimensions of water connections	3/4"	3/4"
Min. / Max. water pressure	0.15 MPa / 0.6 MPa	0.15 MPa / 0.6 MPa
Safety	Mg. Anode 2x	Mg. Anode 2x
Net weight (with 1 heat exchanger)	110 kg	130 kg
Surface heat exchanger	0.5 m^2 , (11350 None)	1 m^2 , (11352 None)
Surface heat exchanger (optional)	/	0.5 m^2 (11354)
Use of hot water cycle	L	XL
Sanitary water heating energy class	A	A

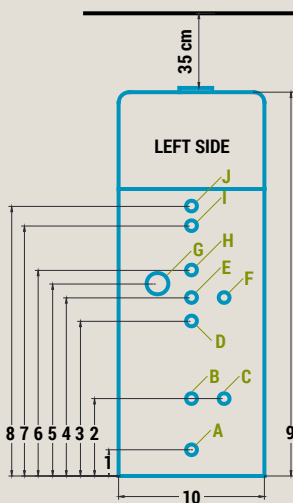
INTELLIGENT CONTROL WITH TOUCHSCREEN

The Zeus Plus is controlled with a friendly and logical user interface on a comfortably big touchscreen.



- Operation possible even at -10 °C.
- Two time intervals for even bigger savings and using overnight rates.
- Guided air and cooling option for different rooms (e.g. a pantry).
- Exterior exchanger prevents scale formation.
- Anti-Legionella protection helps keep water clean.
- Options for connection to different heating systems (heating oil, wood, pellets or solar system).
- Options for connection to photovoltaic.

CONNECTION BLUEPRINT



	ZSW PLUS 230	ZSW PLUS 300
1	125 mm	125 mm
2	365 mm	365 mm
3	730 mm	730 mm
4	830 mm	840 mm
5	745 mm	905 mm
6	-	970 mm
7	-	1180 mm
8	980 mm	1270 mm
9	1550 mm	1820 mm
10	670 mm	670 mm
A	Cold water connection (Z)	
B	Heating coil – backflow (N)	
C	Magnesium anode	
D	Heating coil – inflow (N)	
E	Circulation (N)	
F	Magnesium anode	
G	Electric heater	
H	Heating coil (2) Backflow (N) (option)	
I	Heating coil (2) Inflow (N) (option)	
J	Hot water connection (Z)	

All connections are 3/4"
(N) – Internal thread
(Z) – External thread

