



## HEAT PUMP FOR HEATING WITH AN INTEGRATED EVAPORATOR AIR-TO-WATER

Product Overview



Decades of cooling.  
Decades of comfort.  
[orcaenergy.eu](http://orcaenergy.eu)

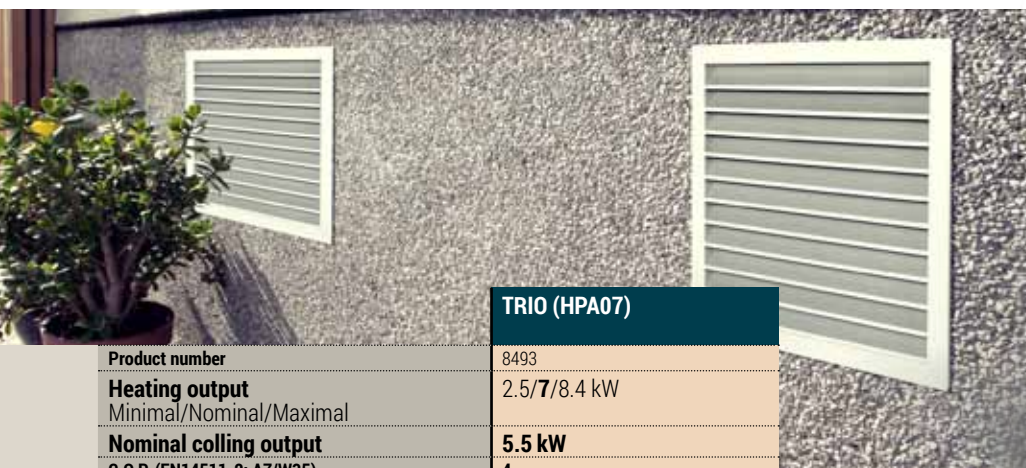


## ORCA TRIO SERIES

## LOW TEMPERATURE VERSION

### FOR A COMFORTABLE APARTMENT AND A PEACEFUL GARDEN

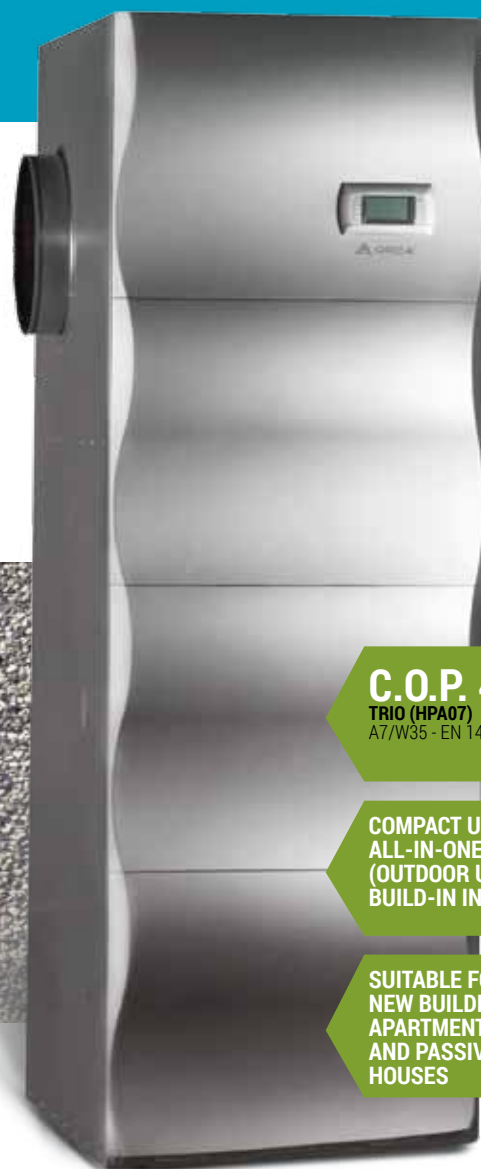
**Orca Trio Series** has an integrated evaporator, meaning that an outdoor unit is not required. Thus only two ventilation grills are installed in the building and its exterior is not spoiled. These heat pumps are virtually inaudible.



#### TRIO (HPA07)

Product number	8493
Heating output Minimal/Nominal/Maximal	2.5/7/8.4 kW
Nominal cooling output C.O.P. (EN14511-2: A7/W35)	5.5 kW 4
Operational area – heating	-20 ~ 35 °C
Operational area – cooling	+8 ~ 38 °C
Warm water tank	200 L
Airflow	2800 m³/h
Diameter of pipe for separated air	400 mm
Max. length of pipe for separated air	7 m
Sound level	45 dB(A)
Nominal current	8.1 A
Max. temperature of output water (HP)	55 °C
Max. pressure in the heating system	2.5 bar
Dimensions of connections for the heating system	1"
Dimensions of connections for the hot water tank	1", (3/4"-circulation)
Built in circulation pump	Circulating pump - energy class A
Electric heater	3x3 kW
Heat exchanger	Swep
Weight	225 kg
Dimensions (HxWxD)	1820x650x930 mm
Device's seasonal efficiency class in average climate conditions W35	A++
Device's seasonal efficiency class in average climate conditions W55	A+
Use of hot water cycle	L
Sanitary water heating energy class	A

Your seller



**C.O.P. 4.0**  
TRIO (HPA07)  
A7/W35 - EN 14511

**COMPACT UNIT  
ALL-IN-ONE  
(OUTDOOR UNIT  
BUILD-IN INSIDE)**

**SUITABLE FOR  
NEW BUILDINGS,  
APARTMENTS  
AND PASSIVE  
HOUSES**

#### Savings

- Heats and cools at temperatures as low as -20 °C.
- Weather-responsive control with a control unit that adjusts heating and cooling output.
- Simple set-up: The Trio is installed in a room, resulting in only two ventilation grills visible on the building exterior.
- Space for an outdoor unit, a base, water drainage and other procedures are not required.

#### Comfort

- Does not disrupt the appearance of the surroundings of the building.
- Is virtually inaudible and suitable for semi-detached buildings and other areas where neighbours might be inconvenienced by the noise of an outdoor unit.
- Integrated 200 litre hot water tank.

- Simple control menu.
- Intelligent control: set up two heating circuits according to the indoor and outdoor temperature.
- Set up multiple time intervals and 'Party' / 'Eco' programs.
- Room air conditioning.

#### Security

- Active Legionella protection.
- 5-year hot water tank warranty.
- Option of automatic switchover to a different heating system

#### The best choice for new buildings and passive houses

- Buildings built to latest standards with heat grid losses below 40 W/m² may heat surfaces up to 120 m².
- Passive houses may heat surfaces up to 200 m².