



PELLET STOVES
WATER AND AIR HEATING

Product catalogue 2015



**A small change.
Big savings.**

REDUCE
COSTS BY

up to **60%**



A classic in a high-tech design



The warm flames of our Orca Pellet Stoves will bring a touch of romance into your home, and they function completely automatically. What's more, an Orca Dream water heating stove can heat your entire apartment.



IN THREE COLOURS

Beautiful design is of great importance, as the stove is going to be located in your apartment. You can choose from three different colours.



ECONOMIC HEATING UP TO 145 M²

Orca Dream water heating stoves can be connected to various heating systems.



OVER 90% YIELD

Pellets are known as one of the cheapest sources of energy while Orca Pellet Stoves have a yield of over 90%.



COST-EFFECTIVE

In comparison to other heating systems, Orca Stoves are very cost-effective.



REGULATED BY HIGHEST EU STANDARDS

Manufactured in Europe according to highest standards.



QUICK AND PROFESSIONAL MAINTENANCE

Our reliable service network ensures quick and professional maintenance.

**ORCA COSY
SERIES**

Cosy Series Romance.



FOR WHEN YOU NEED A ROMANTIC CLASSIC

Orca Cosy air heating automatically adjusts the temperature to your wishes. As opposed to typical stoves, Orca stoves require little work. Even cleaning can be performed less often because of the built-in self-cleaning system.

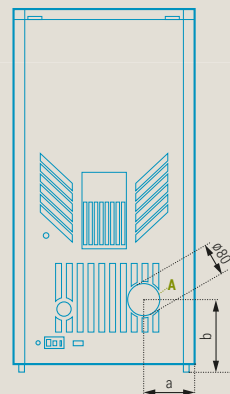
The operations of Orca Cosy air heating stoves do not depend on interior air because our systems can obtain air from outside. Thus the room does not cool down – and there are no heating losses. Also suitable for passive houses.

These stoves include a pressurised smoke discharge pipe, do not require a chimney and can thus be installed in any room.

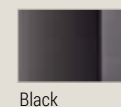
- **Simple cleaning.**
- **Enclosed room sensor and remote control.**
- **10 levels of heating power for the burner.**
- **Maintaining incandescent bed of embers in standby mode: prevents overly frequent activation.**
- **Compact (less than 1 m² space required for the stove)**
- **Reliable even with low quality pellets.**

COSY PREMIUM 8	
Colour	Black
Product number	11203
Nominal heat output	8 kW
Heating surface	70 m ²
Heat output given off into the surroundings	3 kW
Efficiency at nominal heat output	88.6 η%
Smaller heat output	88.9 η%
Weight	107 kg
Dimensions (H×W×D)	95×48×58 cm
Capacity of the pellet supply container	15 kg
Smoke discharge pipe – diameter	Ø 80 mm
Max. pellet consumption per hour	1.7 kg/hour
Min. pellet consumption per hour	0.6 kg/hour
Pellet supply at nominal burning power	8.5 h
Pellet supply at min burning power	24 h
Smoke gas temperature at nominal burning power	195 °C
Smoke gas temperature at min burning power	160 °C
Max. power consumption	330 W
Power supply (voltage/frequency)	230 V/50 Hz

CONNECTION BLUEPRINT



COSY PREMIUM 8	
a	98 mm
b	151 mm
A	Smoke discharge pipe



ORCA DREAM SERIES

Dream Series Power.

HEATING AN ENTIRE APARTMENT

Orca Dream Water heating stoves enable heating of entire apartments because they can be connected to most heating systems such as radiators, underfloor and convection heating. Even water supplies can be heated with them¹.

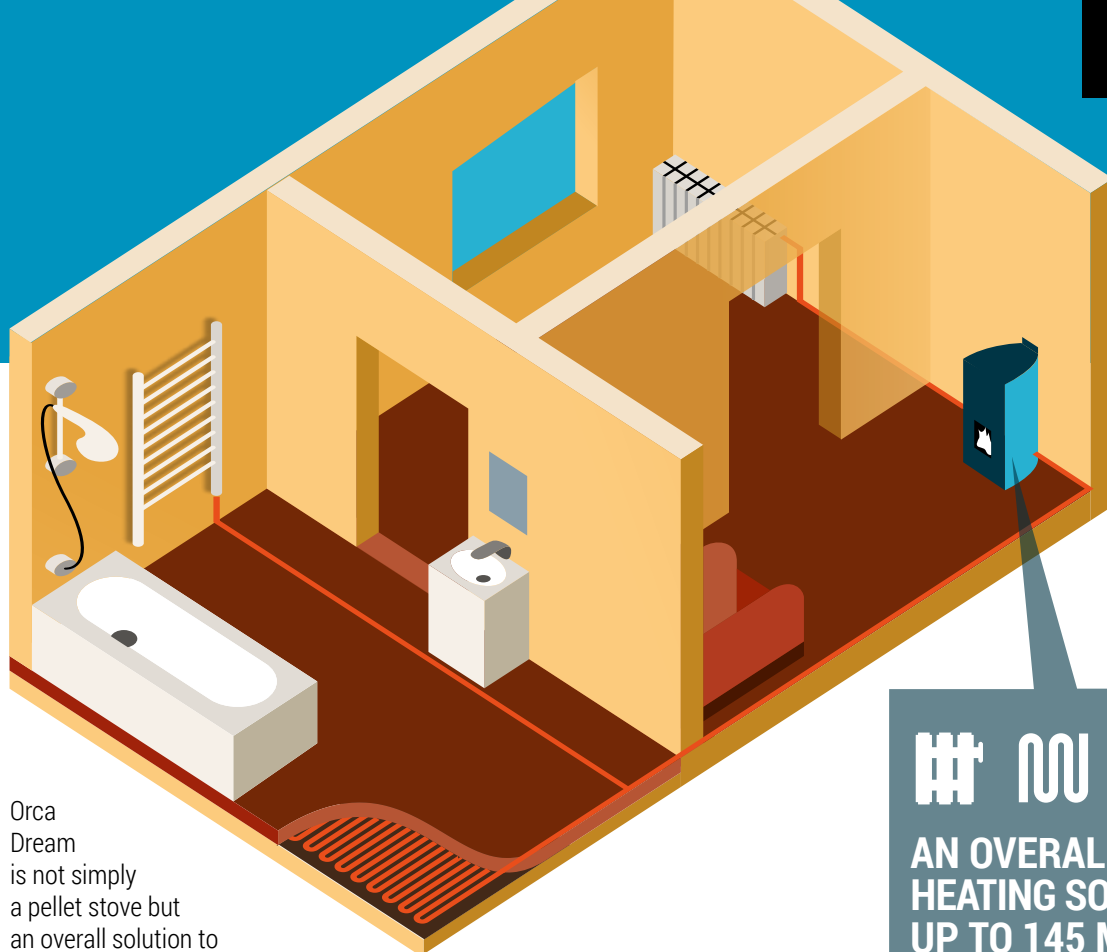
**DUST PARTICLES
UNDER 15 mg/Nm³**
PREMIUM 8.5kW

**10 LEVELS OF
HEATING POWER**

**CERAMIC
SURFACE**
WITH PREMIUM MODEL
14 kW AND 18 kW

**OVER
90% YIELD**

	DREAM PREMIUM 8.5		DREAM PREMIUM 14		DREAM PREMIUM 18	
	Black	Bordeaux	Ivory	Bordeaux	Ivory	Bordeaux
Product number	11219	11197	11198	11199	11200	11201
Nominal heat output	8.5 kW		14 kW		18 kW	
Heating surface	70 m ²		110 m ²		145 m ²	
Heat output given off into the surroundings	2 kW		2 kW		2.2 kW	
Efficiency at nominal heat output	91.9 %		93.7 %		91.6 %	
Smaller heat output	3 kW		4 kW		4 kW	
Efficiency at smaller heat output	91.1%		94.6%		94.6%	
Fuel consumption per hour	max 1.7 kg/hour / min 0.6 kg/hour		max 2.8 kg/hour / min 1 kg/hour		max 4 kg/hour / min 1 kg/hour	
Weight	120 kg		204 kg		214 kg	
Dimensions (HxWxD)	95x48x58 cm		100x63x65 cm		100x63x65 cm	
Volume of pellet tank	15 kg		30 kg		30 kg	
Dimensions of feed opening (W x H)	22x33 cm		23x32 cm		23x32 cm	
Smoke discharge pipe – diameter	Ø 80 mm		Ø 80 mm		Ø 80 mm	
Volume of the container	23 l		33 l		25 l	
Max. operating pressure	3 bar		3 bar		3 bar	
Size of expansion vessel	-		12 l		12 l	
Built in circulation pump	✓		✓		✓	
Max. power consumption	330 W		340 W		340 W	
Power supply (voltage/frequency)	230 V / 50 Hz		230 V / 50 Hz		230 V / 50 Hz	



Orca Dream is not simply a pellet stove but an overall solution to heating spaces of up to 145m², whilst the stove itself requires less than 1m². Orca Dream stoves function automatically, they are easily and remotely controlled and cleaning cycles enable maximum comfort.

- Automatic operation with electronic control.
- Removable ash container: simple cleaning.
- Yield of over 90%.
- 10 levels of heating power for the burner.
- Automatic power adjustment of the burner.

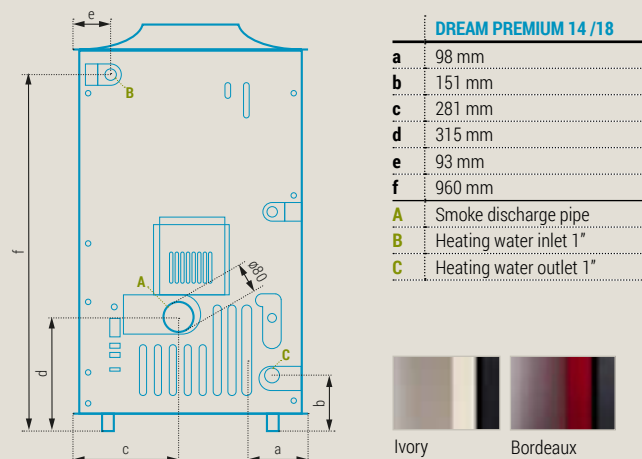
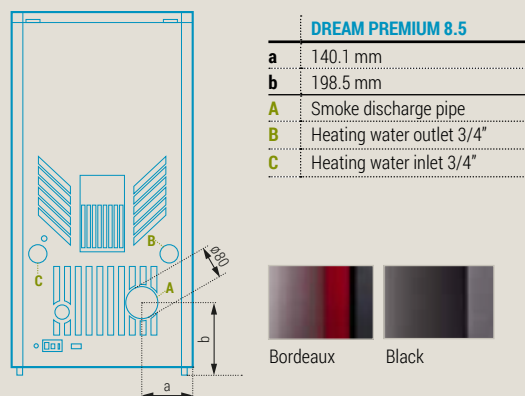
- Maintaining incandescent bed of embers in standby mode: prevents overly frequent activation.
- Compact (less than 1m² space required for the stove)
- Built-in circulation pump and expansion vessel (14 kW and 18 kW)



AN OVERALL HEATING SOLUTION – UP TO 145 M²

Orca Dream water heating stove can be attached to new or existing heating systems.

CONNECTION BLUEPRINT





ORCA IS ALREADY RESPONSIBLE FOR HEATING OVER 15,000 HOMES IN EUROPE.

Orcas are sociable animals which take great care of their families. They behave so very much like humans that certain tribes believed that human souls were trapped in these beautiful animals. Orcas don't mind the heat or the cold. They live in the extreme cold of the Arctic Sea as well as in the tropical seas near the equator. Despite the cold or the heat, they hunt, socialize and love.

FREEDOM

You and your family wish to be as free and independent from weather conditions. And financially as well? Because we share your wishes and values we have given our company the name of this powerful and free sea creature.

QUALITY

We have top experts from the field of cost-efficient heating working in our development labs, designing the flawless production of heating and cooling systems with advanced technologies and pinpoint precision. For increased supervision we manufacture our systems entirely in Europe according to highest standards. We have top experts from the field of cost-efficient heating working in our development labs, designing the flawless production of heating and cooling systems with advanced technologies and pinpoint precision.

ENVIRONMENT

We use green energy sources for our products, and we are very responsible towards the local and global environment. Together we can make a small step towards fighting climate change, which endangers humanity and the oceans of our symbol – the orca.

Your seller

**A small change.
Big savings.**
www.orcaenergy.eu