

# Lexta Series

## Fire Effect Pellet Stoves

### “The Elegance in Your Living Room”

Lexta Series Hydro pellet stoves are designed for those who want to feel the warmth of the actual fire. Lexta Series provides heating by providing hot water directly to your radiators with a water jacket, not by blowing hot air like its equivalents in the market. The water jacket provides full comfort without compromising your pocket.

Lexta Series is designed as a package system that contains its burner, expansion tank, circulation pump, and complete plumbing assembly. This series is easy to install, easy to clean, and easy to operate.

The compact structure of the Lexta Series is equipped with highly qualified features compared to competitors. With the large integrated fuel tank, fuel loading intervals were extended to the maximum.

ROBAX thermal-resistant glass and pressure discharge valves are used in Lexta Series for extra safety.

Thanks to the movable grate, the cleaning period extends without opening the front door. The Lexta Series cares for your home as well as your pocket.

Patented



Balcony type L-18B

### Features



#### Advanced Control System

An advanced central control system regulates the system constantly with the data provided by sensors.



#### Built-in Burner with Cleaning

Thanks to the patented grate cleaning system, the removable combustion chamber with easy cleaning mechanism provides quick servicing and maintenance.



#### Adaptive Air Feed

The high-capacity fan ensures efficient combustion with precise regulation of system capacity and prevents gas leakage.



#### Extra Safety

Pressure discharge valves, high-temperature resistant ROBAX glass with a second protection glass, and child lock on the door ensure top-level safety.



#### Complete System

A complete system with an expansion tank, circulation pump, and plumbing is designed for plug-and-play.



#### Sleek Design

A very good-looking appearance suits your house.



#### Good Endurance

Large fuel storage would last for long operational hours.



#### Easy Cleaning

Easy ash removing with an ashtray.



#### Fresh Air Inlet

The combustion air can be taken optionally from the outside environment.



Hydro Type

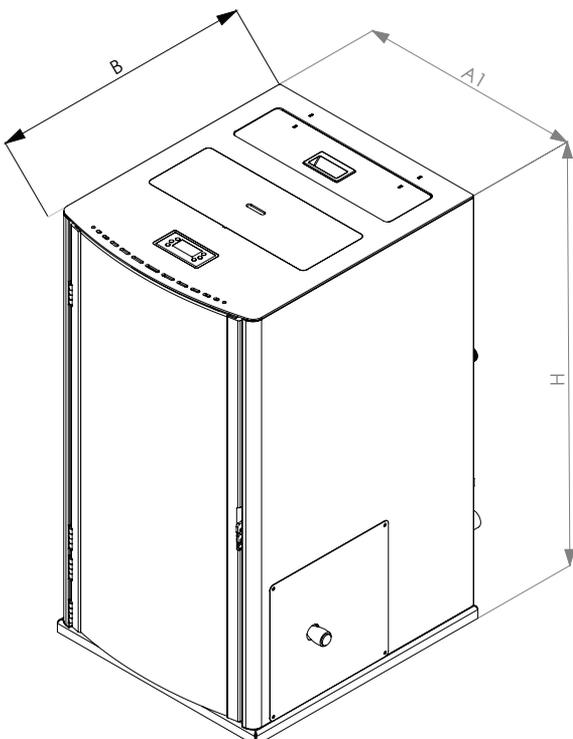


Pellet Fuel

Changeable  
BurnerCeramic  
Igniter

## Technical Specifications

TECHNICAL SPECIFICATION of Lexta			Unit	TYPE		
				LEXTA 12	LEXTA 18	LEXTA 25
CAPACITY	Nominal-Minimum Heat Output		kW	12 - 3,6	18 - 5,4	25 - 7,5
			kcal/h	10.320 - 3.096	15.480 - 4.644	21.500 - 6.450
	Direct Efficiency, Full load		%	>90%	>90%	>90%
OPERATING CONDITIONS	Safety Limit Temperature		°C	95		
	Max. Operating Temperature		°C	80		
	Min. Water Return Temperature		°C	55		
	Operating® Test Pressure		bar	1,5 - 4		
	Electrical Connection		-	230 Vac , 50 Hz		
	Required Stack Draught (vacuum)		Pa	-10		
	Fuel Type		-	Ø6 mm Premium Quality, EN Plus A1		
	Approximate Fuel Consumption	in full & partial load	kg/h	2,8 - 0,84	4,2 - 1,26	5,8 - 1,75
MAIN DIMENSIONS	Width, A1 & A2		mm	525 - 540	575 - 590	575 - 590
	Length, B		mm	825 ± 3	790 ± 3	790 ± 3
	Boiler Height, H		mm	890	1090	1185
	Stack Size (Inner-Outer), ØD1		mm	98-102		
	Flue Gas Exit Connection	Position & Height,, F & H1	mm	120 - 318	155 - 338	
	Boiler Empty Weight & Freight Weight		kg	165 - 180,5	204,5 - 225	255 - 280
	Freight Dimensions (width x depth x height)		mm	645x810x1050	695x820x1250	695x820x1350
	INSTALLATION & WATER CONNECTIONS	Water Outlet Connection	Diameter, ØD2	inch	1"	
Position & Height, C & H2			mm	228 - 650	253 - 650	
Water Inlet Connection		Diameter,, ØD3	inch	1"		
		Position & Height, E & H3	mm	228 - 300	253 - 300	
Expansion Tank Volume		lt	8	8	8	
Water Content		lt	45	62		
STORAGE VOLUME			lt	38	62	75
			kg	25	40	55



### Highlights on the Features of Lexta:

- Automatic ignition,
- Mechanical cleaning of burner grates,
- Mechanical cleaning of tubes,
- Auto pellet dosage,
- Large internal fuel storage,
- Proportional air fan control with unique software support,
- Unique software for regulation of combustion,
- User friendly control system,
- Easy service & maintenance design,
- Flexible and easy installation.

