

# LAMBDA EVO S28

DOWN FIRING WOOD BOILER



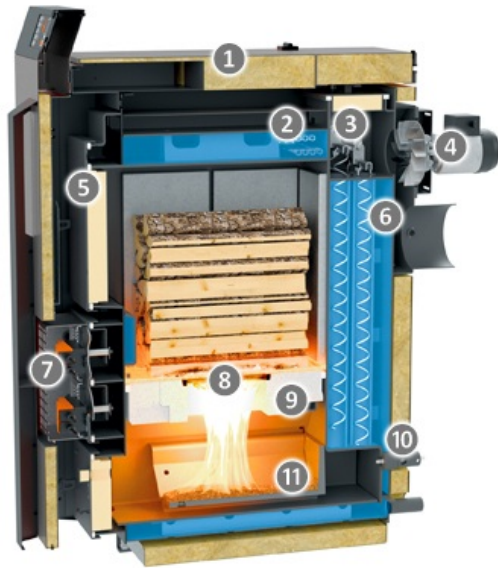
Down Firing, Wood Gasification Boiler. For those who want the very best in wood gasification technology, this product has it all!

Advanced intelligent digital control. Intuitive, easy access integrated control panel. Lambda sensor system. Quiet and modulating power flue system allowing maximum combustion efficiencies to be achieved. Very low emissions. Primary and secondary air injection. Huge combustion chamber with a fully insulated casing. 8 years warranty on optional vitrified water jacket. Available in 3 different levels of power to the water: S28 (25.2 kW), S35 (30.9 kW) e S48 (44 kW).



Heatable area

227 m<sup>2</sup>.



- 1 - The high insulation layer of coating guarantees the lowest level of heat dispersion
- 2 - Safety copper heat exchanger
- 3 - Easy mechanical cleaning system for the heat exchanger pipes
- 4 - Centrifugal fan for extracting smokes
- 5 - Door insulation made in refractory material
- 6 - High heat exchange thanks to the wide water jacket
- 7 - Motorized system for the primary and secondary air control
- 8 - «LE Lambda» burner for inverted flame combustion
- 9 - Wide firebox with thermic stone base
- 10 - Lambda sensor
- 11 - Wide cast iron ash pan

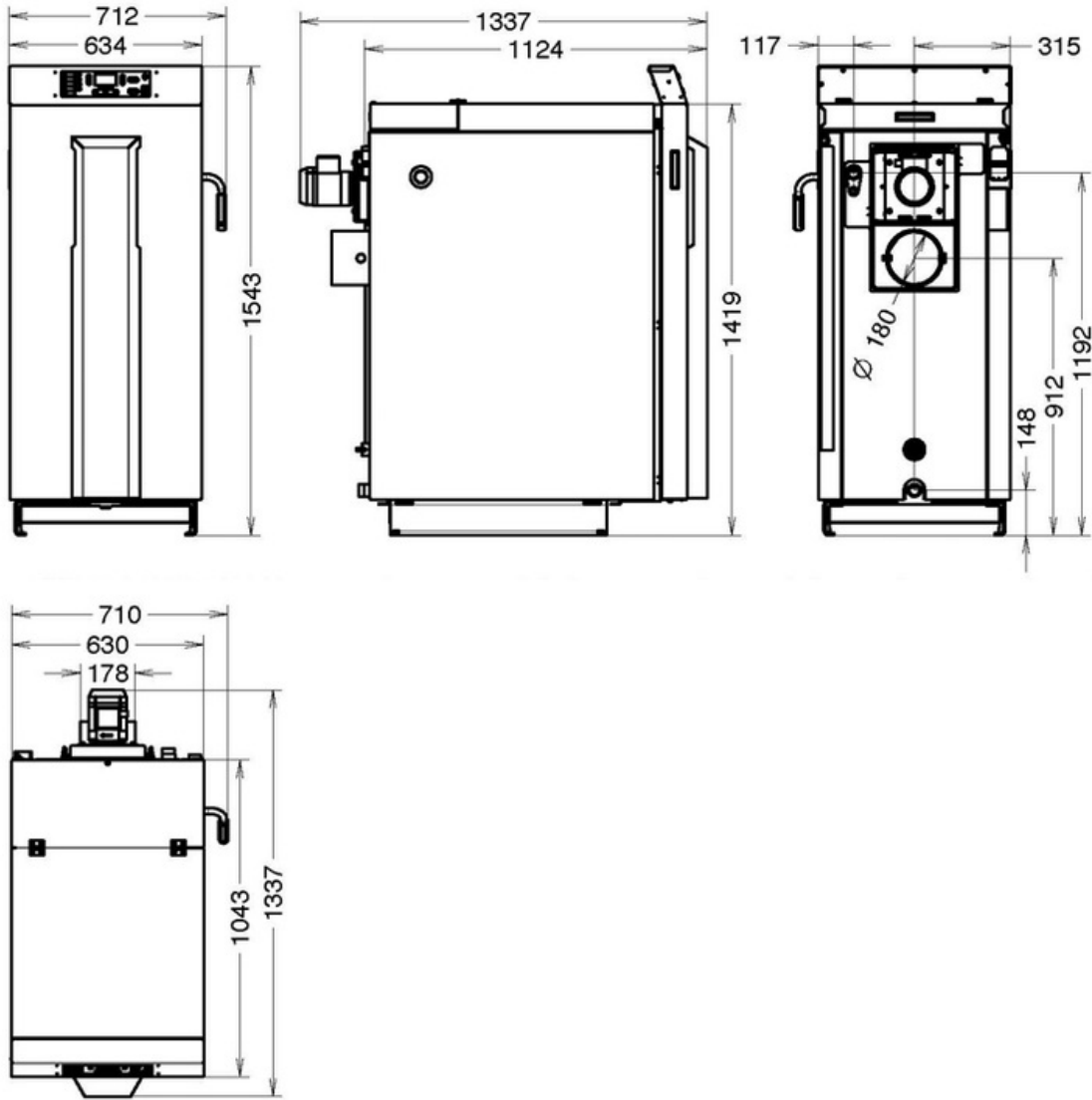


## OPTIONAL ACCESSORIES

---



## DIMENSIONS



## TECHNICAL DATA

DIMENSIONS (HXWXD)	1543X712X1338
WEIGHT (KG)	605
HEATABLE AREA (M <sup>2</sup> )*A*C	227
EFFICIENCY UP TO MAX (%) *A	88,7%
ENERGY CLASS	A+
POWER TO THE HEART (KW)*A	28,4
RATED POWER (KW)*A	25,2
POWER TO THE WATER (KW)*A	25
RADIATION (KW)*A	-
HOURLY PELLET CONSUMPTION (KG/H)*A	-
WOOD HOURLY CONSUMPTION (KG/H)*A	0 - 6,6
PELLET HOPPER CAPACITY (KG)*A	-
WARM AIR DUCTING	-
MAXIMUM SINGLE DUCTING OUTLET (M)	-
PATENTED BURNER PELLETPOWER®	-
ROOM VENTILATION	-

PRIMARY AIR FROM OUTSIDE	-
CO EMISSIONS (MG/M <sup>3</sup> ; 13% OF O <sub>2</sub> )*A	199,0
CO EMISSIONS (MG/M <sup>3</sup> ; 10% OF O <sub>2</sub> )*A	-
DUST EMISSIONS (MG/M <sup>3</sup> ; 13% OF O <sub>2</sub> )*A	14,8
DUST EMISSIONS (MG/M <sup>3</sup> ; 10% OF O <sub>2</sub> )*A	-
SILENCE (DB)	-
REMOTE CONTROL	-
RADIO CONTROL WITH ROOM TEMPERATURE THERMOSTAT	-
WEEKLY PROGRAMMER (3 DAILY LIGHTING)	-
«SMART INFO» FUNCTION	-
SYSTEM CIRCULATING PUMP	-
EXPANSION TANK	-
OVER PRESSURE VALVE	-
FLUE GASEXHAUST DIAMETER (MM)	180
MIN. FLUE DRAUGHT PRESSURE (PA)	15
ELECTRIC CONSUMPTION (WATT)	-
HIGH TEMPERATURE SAFETY THERMOSTAT	-

\*A EMISSIONS AND PERFORMANCE DATA MAY CHANGE ACCORDING TO THE FUEL USED. THE VALUES OF PELLET PRODUCTS HAVE BEEN OBTAINED BY USING CERTIFIED FUEL ACCORDING TO EN 14961-2 A1-A2 NORM. WOOD LOGS PRODUCTS VALUES MAY VARY ACCORDING TO THE TYPE AND QUALITY OF THE WOOD LOGS USED.

\*B PROVISIONAL DATA UNDER CERTIFICATION

\*C IMPORTANT: WHEN CALCULATING THE VOLUME OF THE "HEATED AREA" SOME RELEVANT ASPECTS MUST BE CONSIDERED: INSULATION OF THE BUILDING (ENERGY CLASS), POSITION OF THE HEATER, CLIMATIC AREA AND MORE ASPECTS THAT CAN AFFECT THE VALUES OF PERFORMANCE. REPORTED DATA HAVE BEEN CALCULATED ON THE BASE OF ROOF NOT HIGHER THAN 3 MTS.

THE MANUFACTURER RESERVES THE RIGHT TO MAKE CHANGES WITHOUT PREVIOUS NOTICE.

THERMOROSSI S.p.A.

Via Grumolo, 4 | 36011 Arsiero (VI) | Italy | E-mail: [info@thermorossi.it](mailto:info@thermorossi.it)

Tel: 800.44.88.77 | Fax: 0445 741657 | P.IVA 00168470243 | Iscr. REA99797 Vicenza | Cap. Sociale di 156,000,00 I.v.