



## Domestic Wood Pellet Boiler Range

### Wood pellet

Type and capacity range:  
**Hydronic 15kW - 40kW**

efficiencies  
up to  
**94%**

### C. Operational features include

#### A. Use

The biomass burning equipment (burning 6m wood pellets) has been designed for heating of smaller buildings (e.g. domestic premises, and offices etc.)

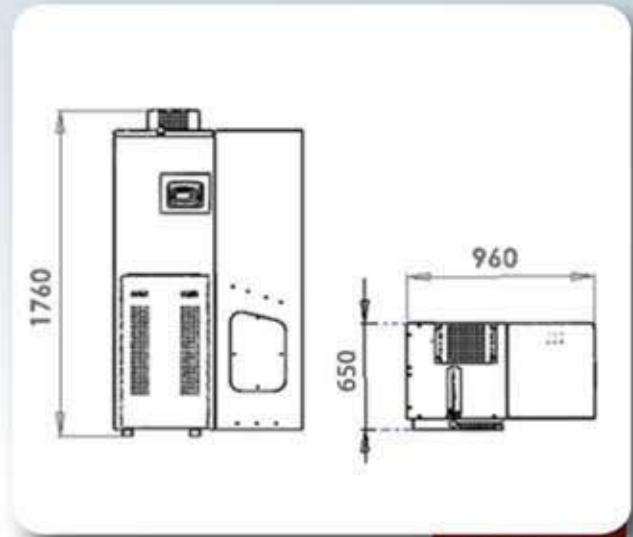
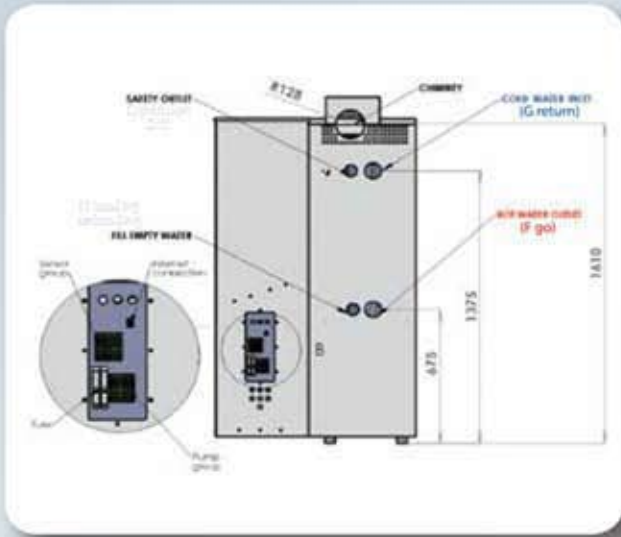
#### B. Boiler description

Introduced in March 2011 latest modulation technology safety features including:

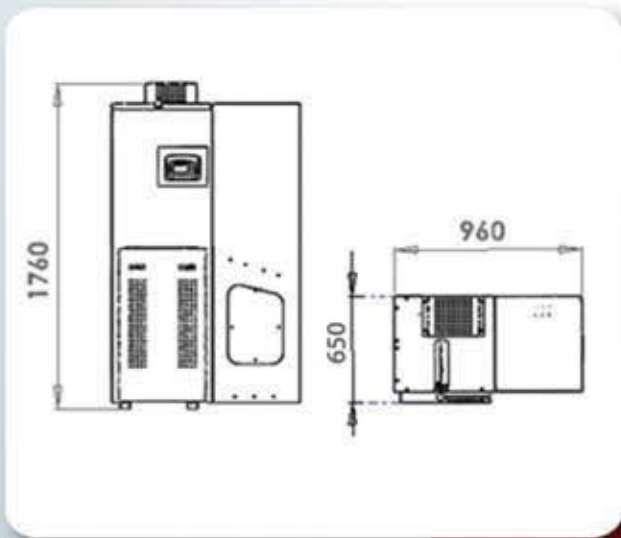
1. Burn back protection,
2. External warning signal,
3. High limit cut off thermostat,
4. Frost protection,
5. Cycle burnout,
6. Overload cut off.
7. Emergency Stop Switch
8. Drive motor power protector

1. Ash collection tray for easy removal
2. Automatic ignition
3. Manual lever baffle cleaning
4. Automatic burner grate cleaning
5. Fuel level sensor and refill control
6. Outside temperature compensation
7. Day and night compensation
8. Clock and daily on/off cycle timer
9. Multi heating circuit controls
10. DHW storage tank management
11. Full modulation burning control
12. Easy to use menu driven control panel
13. Specifically designed to burn wood pellets
14. High efficiency maintained accross modulation
15. No requirement for thermal storage tank (buffer)
16. 130kg capacity pellet hopper

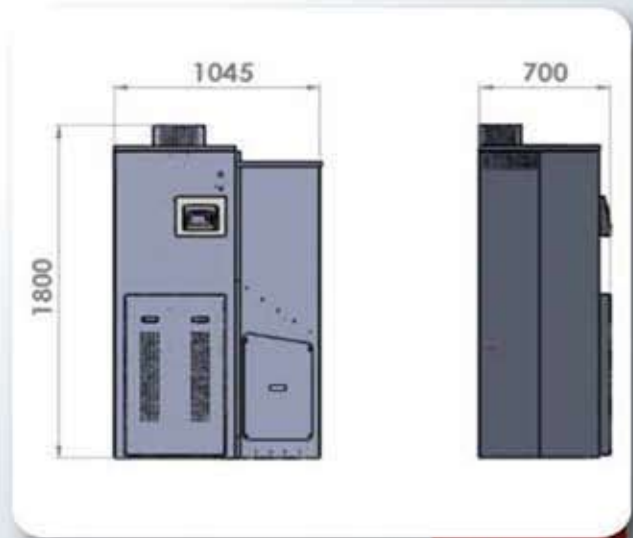
**D. Boiler Scheme**



**SLIMPEL - 15**



**SLIMPEL - 25**



**SLIMPEL - 40**

**PRODUCT TYPES AND MEASURES**

Model	Min./Max. Capacity Output	Weight (kg)	Volume (lt)	Operating Pressure	Test Pressure	A (mm)	B (mm)	C (mm)	Ø (mm) Chimney	F go	G return	Expansion Exit	H loading unloading
SLIMPEL-15	4,5 - 15 kW	280	45	3 bar	4,30 bar	960	650	1760	150	1"	1"	¾"	¾"
SLIMPEL-25	5 - 25 kW	280	65	3 bar	4,30 bar	960	650	1760	150	1"	1"	¾"	¾"
SLIMPEL-40	7,5 - 40 kW	350	115	3 bar	4,30 bar	1050	700	1850	150	1"	1"	¾"	¾"



Renewable sustainable energy

**Baltimore Power**

Unit 5 Lehenaghmore Industrial Estate  
Togher, Cork  
Ireland

Tel: +353 (0) 879006406

email: [info@baltimorepower.ie](mailto:info@baltimorepower.ie)