

## Thermeon-UFS

With overwhelming response for – Thermeon boilers, Thermax brings the next generation of Thermeon series with highest efficiency and smart controller – TEON UFS. It works on the principle of gasification. It comes with automatic fuel feeding and ash removal system.

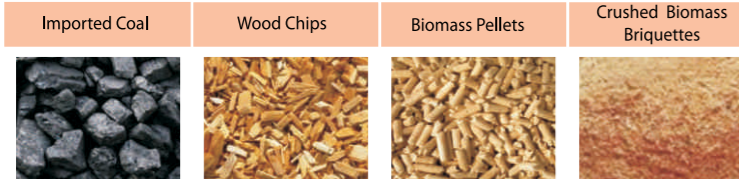
### Features of Thermeon-UFS

- Highest combustion efficiency
- Lower excess air temperature
- Automatic ash removal
- Completely Panelled and Ultra-compact
- Silent combustion technology
- Better load control mechanism
- Fuel flexibility
- No manual intervention
- No ingress of air in furnace
- Lower emission
- Ease of operation
- Smart HMI Controller

### Technical Specifications

Product	Unit	TEON - 500 UFS	TEON - 750 UFS	TEON - 1000 UFS	TEON - 1500 UFS
<b>Design Details</b>					
Max steam output ( F & A 100°C )	kg/h	500	750	1000	1500
Design Pressure (SVLOP )	kg/cm2 (g)	7	7	10.54	10.54
Dryness	%	97%			
Design Conformance		SIBR	IBR	IBR	IBR
<b>Efficiency ( NCV Basis )</b>					
Imported Coal / Wood Chips / Briquettes	%	77%	80%	77%	77%
Biomass Pellets	%	78%	81%	78%	78%
Power Supply		415V AC, 50Hz, 3 Phase			
<b>Connected Load</b>					
With MDC	kW	8.7	8.7	10.1	12.3
Without MDC	kW	6.9	8.7	8.3	8.5
<b>Overall Size of the Boiler</b>					
Length	m	2.3	2.9	4.5	4.8
Width	m	3.5	4	3.9	4
Height	m	2.2	2.5	2.5	2.6
Dry Weight of the Boiler skid assembly	kg	3500	6700	6000	10000

#### Fuels



#### Sizes

10 - 40 mm	25 mm x 25 mm x 5 mm	ø 8 - 10 mm X 50 mm	10 - 40 mm
------------	----------------------	---------------------	------------



Sustainable Solutions in Energy & Environment

[www.thermaxglobal.com](http://www.thermaxglobal.com)

#### Registered Office

D-13, MIDC Industrial Area,  
R D Aga Road, Chinchwad,  
Pune 411019, India  
enquiry@thermaxglobal.com  
Customer Care: 1800-209-0115



#### Thermax Business Portfolio

- Heating
- Cooling
- Power
- Air Pollution Control
- Chemicals
- Water and Wastewater Solutions
- Solar
- Specialised Services

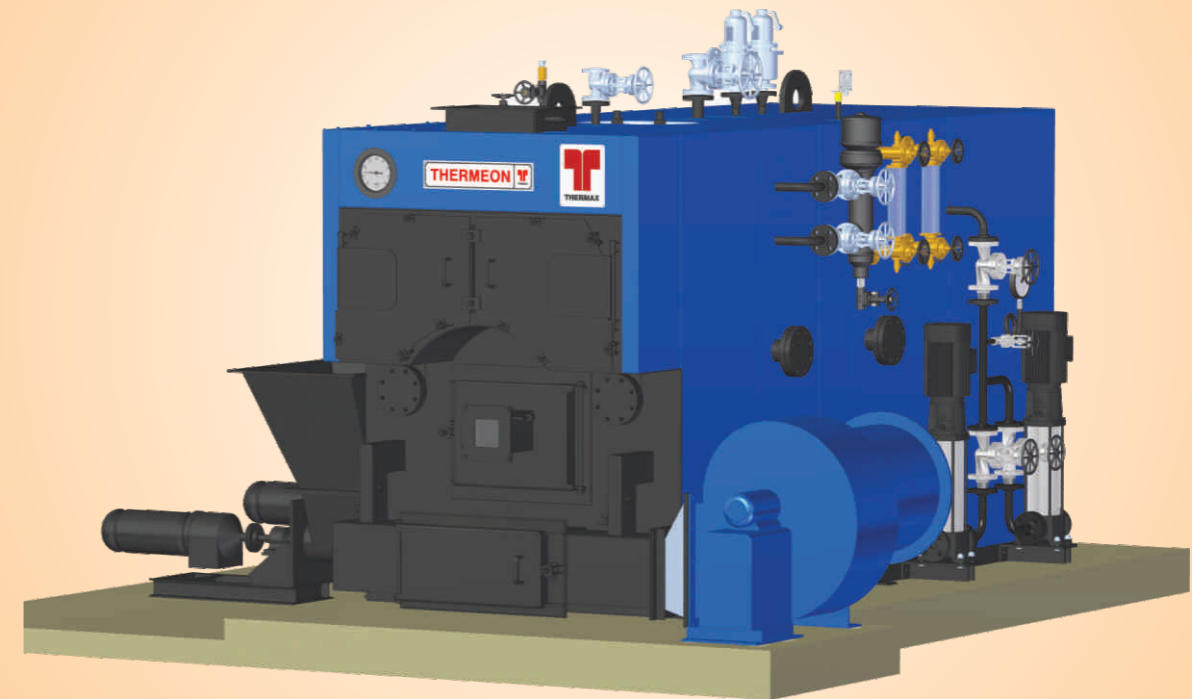
This brochure presents only some of our products and we reserve the right to amend any product details without notice. The photographs used in the brochure are indicative and may not match the actual plant.

© Thermax Limited, Aug. 2018



# THERMEON-UFS

Highest Efficiency Boiler with Smart Controller



## Heating Business

### Improving your business is our business

Thermax is an engineering major providing sustainable solutions in the areas of energy and environment. Spanning over 86 countries, clients make use of Thermax's business-to-business solutions for heating, cooling, power and cogeneration plants; waste heat recovery units; systems for water & wastewater management and air pollution control; performance improving chemicals.

Thermax's operations are supported by ongoing Research & Development, tie-ups with global technology majors, an international sales & service network spread over 27 countries and state-of-the-art manufacturing facilities in 14 locations including India, China, Poland Indonesia, Denmark and Germany.

As a part of Thermax heating business, Process Heating solutions, a strategic business unit offers packaged boilers, thermal oil heaters, heat recovery boilers and hot water generators. Innovated by a strong R&D that focuses on customer applications, we offer a range of heating systems designed to burn fuels including biomass and heavy liquid fuels. We have installations in various parts of the world. Oil & gas based systems in Middle East and Europe, biomass and solid fuel fired equipment in South East Asia and Africa. Heating business specializes in bringing life to the most innovative product ranges catering the majority of industries across the Globe.