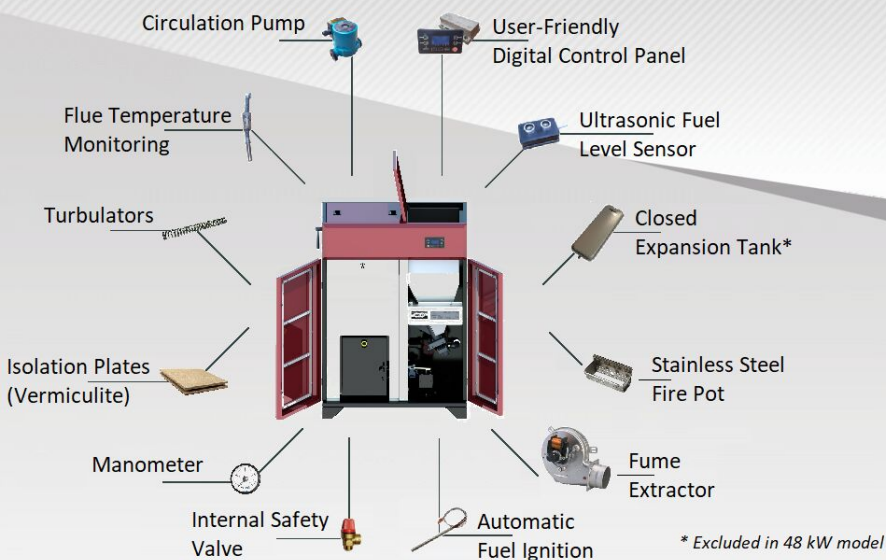




5
CLASS 5
EN 303-5



technopel

› Compact Pellet Boiler

- A⁺ High Efficiency
- 5th Class (highest level) Boiler
- New generation multifunctional digital control panel
- Ignition system with electronic card controlling
- Fuel level monitoring
- Flue temperature monitoring
- High Quality Stainless Steel Efficient Fire Pot
- Preventing formation of clinkers in combustion chambers
- Compact shape adapted to the heating system with special pump, expansion tank and safety valve



A⁺

"Feel the warmth..."



CE

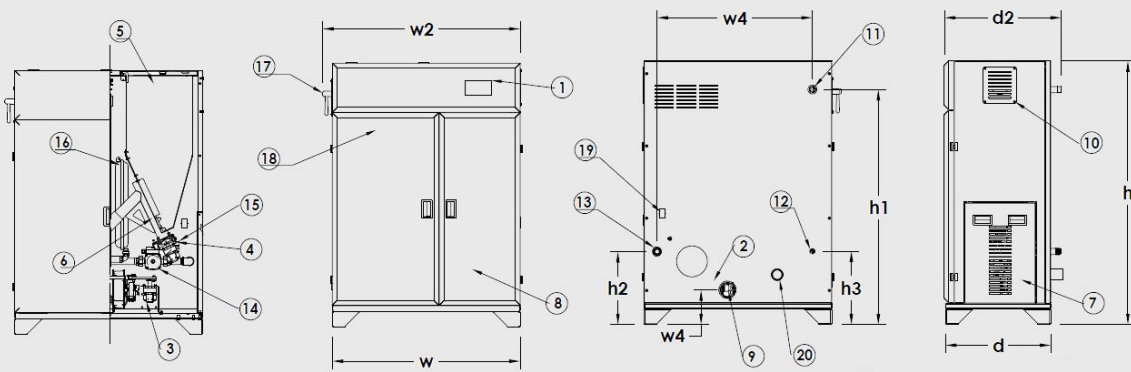




Technopel Series Wood Pellet Boiler

Unmak Technopel Series Pellet Boilers ensure high thermal efficiency with using renewable energy. The Boiler provides uninterrupted combustion comfort with stainless steel combustion chambers and automatic ash removal. The compact form of the combi boiler includes special installation equipment such as circulation pump, expansion tank *, safety valve and manamoter, because of this compact shape it is easy to install. Technopel pellet boilers are long-lasting and able to use long duration without difficulties.

**closed expansion tank is inside in 15, 24 and 36 kW models and externally in 48 kW model*



1. Control Panel
2. Fume Extractor (Suction Fan)
3. Cleaning Gearbox
4. Feeding Gearbox
5. Fuel Hopper
6. Auger
7. Maintenance Door
8. Front Door
9. Flue
10. Additional Hopper Connection Flange
11. Central Heating Flow Line
12. Filling/Discharging Line
13. Central Heating Return Line
14. Circulation Pump
15. Safety Valve
16. Closed Expansion Tank
17. Cleaning Arm
18. Manometer
19. On/Off Control
20. Air Suction Pipe

TECHNICAL SPECIFICATIONS

MODEL - TECHNOPEL		15	24	36	48	
Fuel Type		Wood Pellet				
Power Output	kW	15	24	36	48	
Minimum Power	kW	5	7,2	10,8	14,4	
Efficiency at Max. Output	%	92,03	93,22	93,62	94,02	
Efficiency at Min. Output	%	93,15	93,87	94,07	94,27	
Fuel Capacity	kg	45	55	75	100	
Water Content	Lt	40	55	90	126	
Boiler Weight	kg	220	250	300	350	
Required Draught	mbar	0,09	0,10	0,10	0,10	
Flue Temperature	°C	130	144	150	156	
Minimum Return Temperature	°C	40				
Maximum Operating Pressure	bar	3				
Test Pressure	bar	5				
Temperature Control Range	°C	40 - 80				
Maximum Operating Temperature	°C	80				
Central Heating Flow/Return	inch	1"			1 1/4"	
Filling/Draining	inch	1/2"				
Electrical Supply	V/Hz	230/50				
Dimensions	Width (w)	mm	1020	1020	1020	1020
	Depth (d)	mm	577	577	730	730
	Height (h)	mm	1250	1430	1430	1655
	Flow Connection Height (h1)	mm	1093	1273	1273	1503
	Return Connection Height (h2)	mm	395	395	395	395
	Filling/Draining Height (h3)	mm	400	400	400	390
	Distance between Flow and Return (w4)	mm	842	842	842	846
	Width of Boiler inc. Cleaning Arm (w2)	mm	1070	1070	1070	1070
	Depth inc. Fresh Air Suction Pipe (d2)	mm	637	637	637	790
	Flue Diameter	mm	80	80	80	100

We reserve the right to make changes in dimensions

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ÜNLÜSOY
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