LOGICA 350-600 kW SPECIFICATIONS SHEET

Logica

LOGICA boilers with power of from 350 kW has body smoke tube made of thick-walled seamless pipes which increases the strength and durability of the produkt.

FUEL

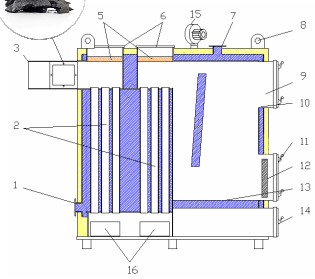
Recommended fuel:

Coal humidity up to 12%, You can use the alternative wood: humidity up to of 20%.

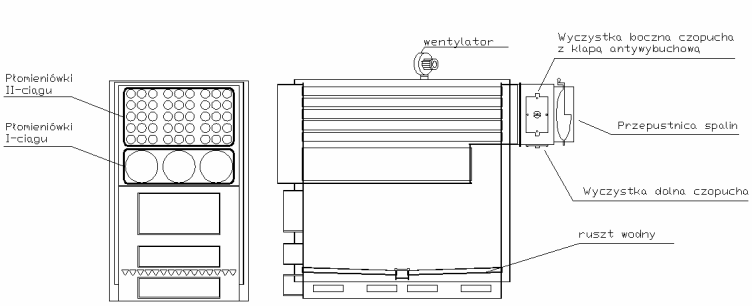
BOILER CONSTRUCTION

LOGICA 350, 600

1. Inlet connector
2. Smoke tube
3. Flue outlet
4. Cleaning hole of flue outlet
5. Elements of chamotte
6. Upper clearing hole
7. Outlet Connector
8. Transport handles
9. Loading door
10. Water coat
11. External grate door
12. Inner door grate
13. Water grate
14. Ash door
15. Air fan
16. Lower cleaning hole



LOGICA 470



AUTOMATION

Controllers support the standard - typical installations, domestic hot water pomp, central heating pomp or mixing pump also cooperate with room.

TECHNICAL DATA

Model			350	470	600
Power range	Coal/wood	kW	350	430	550
			300	470	600
Fuel		Coal/wood			
Efficiency		%	76-79		
Water capacity		dm^3	1830	1935	2080
Max working pressure		bar	2		
Min outlet temperature		°C	60		
Min. outlet temperature		°C	85		
Fluegases temperature at		°C	220-280		
Class PN-EN – 303-5			3		
Water-side resistance; Δt=10K		mbar	2÷20		
Water-side resistance; Δt=20K			0,5÷5		
Chimney pressure		Pa	35-40		
Recommended chimney height		m	14		
Recommended chimney		cm^2	1500	2300	2300
Dimensions of the loading		dm^3	700	800	800
Fuel consumptio	Coal	kg/h	60,7	81.45	104
	Wood	kg/h	35,42	47,6	80,6
Approximate time	On coal	h	10	10	8
	On wood	h	7	6	6
Power consumption		kW	0,52		

ADVANTAGES OF THE BOILER

- Large capacity loading chamber
- Water grate
- Easy to use
- Expandable automation

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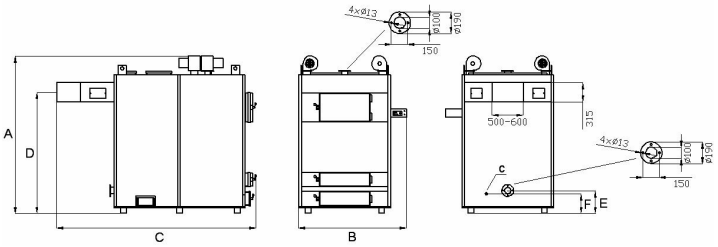
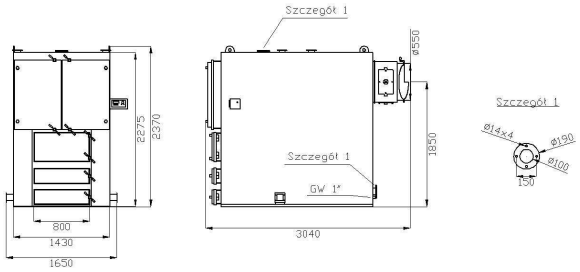
DIMENSIONS OF BOILER



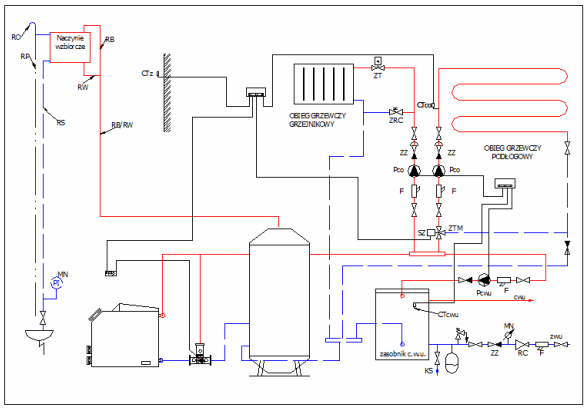
Logica	300-350	600
A	2550	2350
B	1700	2200
C	3150	3800
D	1930	1930
E	360	360
F	310	310

Logica 350 kW, 600kW

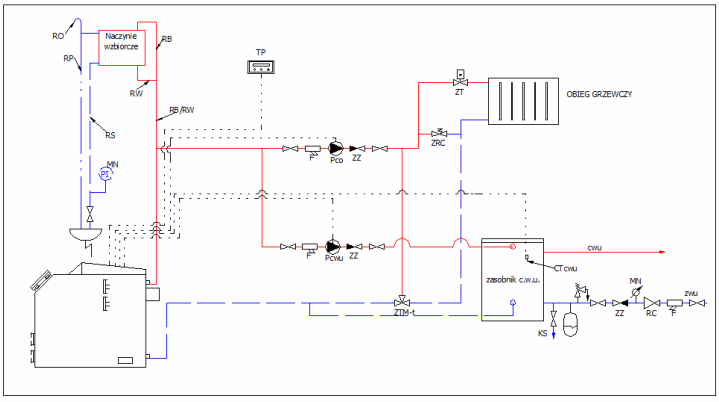


Logica 470 kW

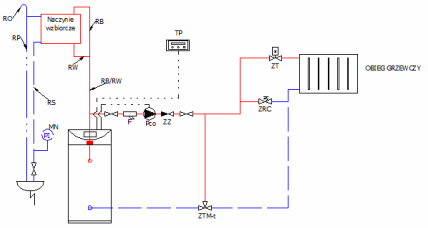
Installation diagram: domestic hot water and central heating with thermostatic valve



Installation diagram: of the installation with a storage tank



Centralne ogrzewanie typu grzejnikowego z jednym obiegiem grzewczym i zaworem mieszającym



Centralne ogrzewanie typu grzejnikowego z jednym obiegiem grzewczym i pompą mieszającą