

# JÄSPI-TUPLA 1 JÄSPI-TUPLA 2

**Diesel / gas / solid fuel / electric  
COMBINED BOILERS**

**JÄSPI-TUPLA** is a reliable and efficient boiler for private houses. Good insulation and state-of-the-art combustion technology ensure high efficiency. Efficient copper comb coil generates enough hot water even in severe conditions. A diesel/gas furnace and a solid fuel furnace are completely independent although they are connected to the same stack joining each other in the flue connection only.

**LIQUID/GAS FUEL OPERATION:** The boiler is very efficient. Maintenance is conveniently and easily provided at the front of the boiler. The state-of-the-art properly adjusted combustion reduces cleaning intervals to only once or twice per year. The scope of supply includes a readily installed burner thermostat.

**SOLID FUEL OPERATION:** A large furnace allows firing wood, which is 0.3 m (Tupla 1) or 0.5 m (Tupla 2) long. New solid fuel combustion technology ensures more environmentally friendly and efficient combustion. If firewood/coal is regularly used, an energy storage battery is recommended. The boiler will still be able to run at high capacity without boiling. The heat obtained from the battery will be enough both for heating and for hot domestic water and even enough for several days in summer.

The leading-edge technology used in development and manufacturing has resulted in a reliable, robust, long-life, and high-efficiency boiler that will be the right solution for a quality-focused customer.



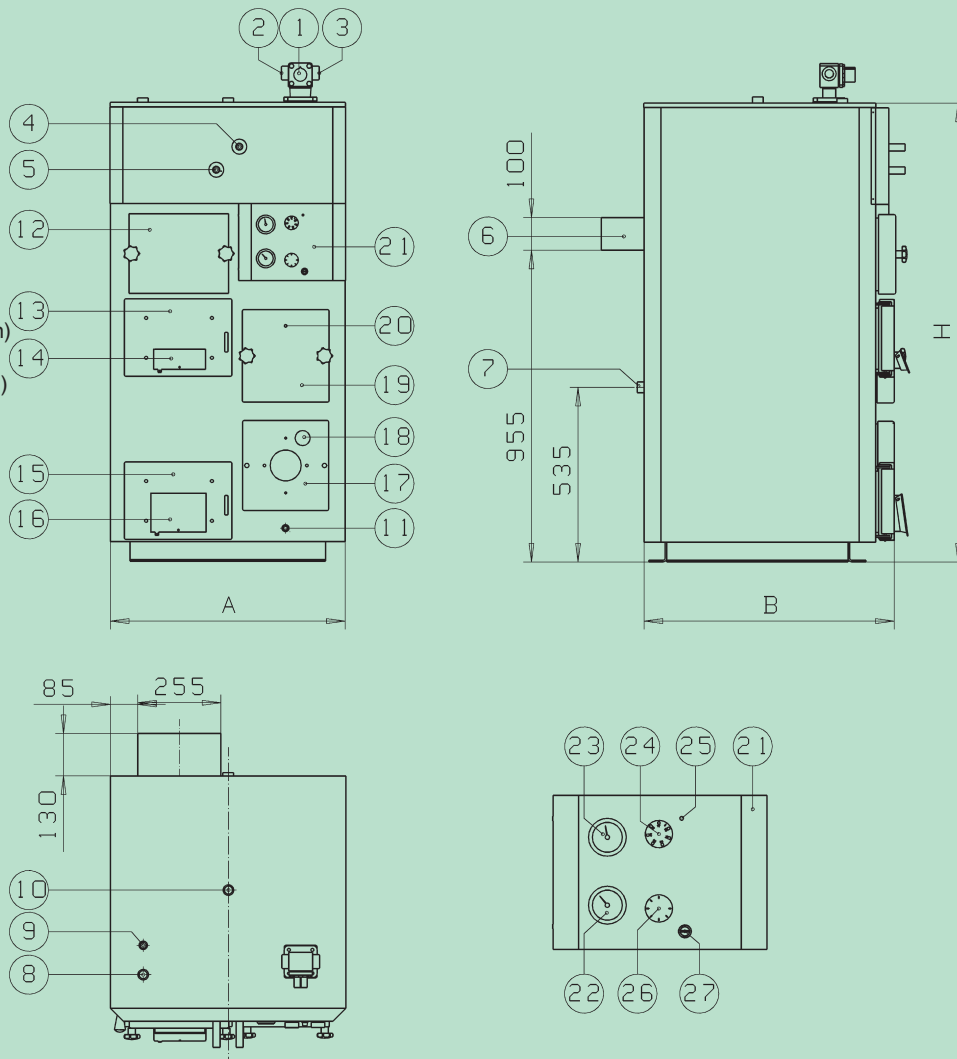
The standard scope does not include the burner shown in the picture

# JÄSPI-TUPLA 1

# JÄSPI-TUPLA 2

## SCOPE:

1. DN20 mixing valve
2. R 3/4" heating system outlet
3. R 3/4" heating system return
4. Ø 22 mm domestic hot water outlet
5. Ø 22 mm cold city water
6. 255 x 100 mm flue connection
7. R 1" expansion connection (battery return)
8. R 3/4" draft control connection
9. R 1/2" sensor connection (for TSK valve)
10. R 1" boil connection (battery outlet)
11. R 1/2" drain connection
12. Cleaning port (solid fuel)
13. Filling port
14. Secondary air adjusting damper
15. Service hole
16. Primary air adjusting damper
17. Diesel/gas burner hole
18. Flame monitor glass
19. Cleaning hole (diesel/gas)
20. Flue gas analysis port
21. Control panel
22. Pressure gauge
23. Thermometer
24. Tubular electric heater thermostat
25. Temperature limiter (heater)
26. Burner thermostat
27. Temperature limiter (burner)



## STANDARD SUPPLY:

- efficient flange hot water coil
- pressure gauge
- thermometer
- R 3/4" mixing valve
- R 3/4" draft control
- mounted burner thermostat
- flue connecting part
- grate bar
- adjusting damper
- tubular electric heater connection (in S models - heater pack)

## TECHNICAL DATA:

Recommended flue: brick 250 cm<sup>2</sup> / steel Ø 150 mm  
 Recommended flue height: min. 4.5...5 m  
 Hot water coil: 200 l / 40°C / 10 min. (Tupla 1)  
 200 l / 45°C / 10 min. (Tupla 2)

Design pressure: 1.5 bar  
 Design temperature: 100°C  
 Recommended storage battery: 0.5...1.2 m<sup>3</sup> (e.g. JÄSPI-GTV-500)

MODEL	Boiler dimensions, mm			Solid fuel furnace dimensions, mm			Power, kW			Volume l	Weight kg
	H	A	B	width	depth	height	diesel/gas	solid fuel	electric		
TUPLA 1	1420	725	620	250	380	700	20	20	-	1605	300
TUPLA 1 S	1420	725	620	250	380	700	20	20	4.5	160	300
TUPLA 2	1420	725	770	250	530	700	25	25	-	235	365
TUPLA 2 S	1420	725	770	250	530	700	25	25	6 (12)	235	365

We reserve the right to modify design and dimensions.



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ISO 14001  
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Dealer: