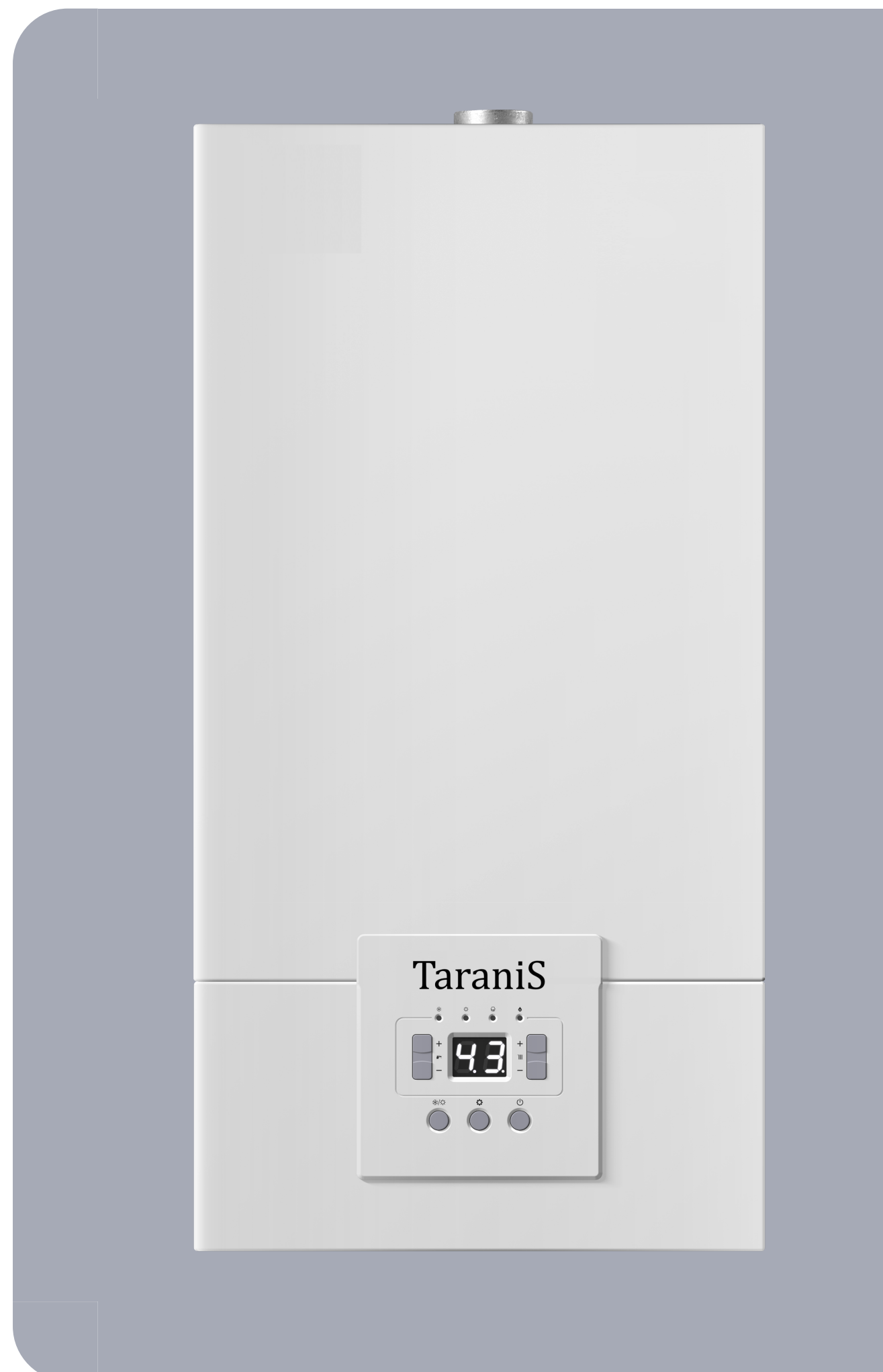


TaraniS Combi Boilers



General Features

- Different capacities 20, 24, 28 kW
- Usage ability with Natural Gas & LPG
- 1/3 Modulation rate
- Low NOx and CO emissions
- 3 cycled automatic purger equipped circulation pump
- High combustion efficiency with stainless steel burner
- Ability to connect room thermostats
- Pressured System Solar Energy Support (Optional)
- Suitable for cascade systems



Safety Systems

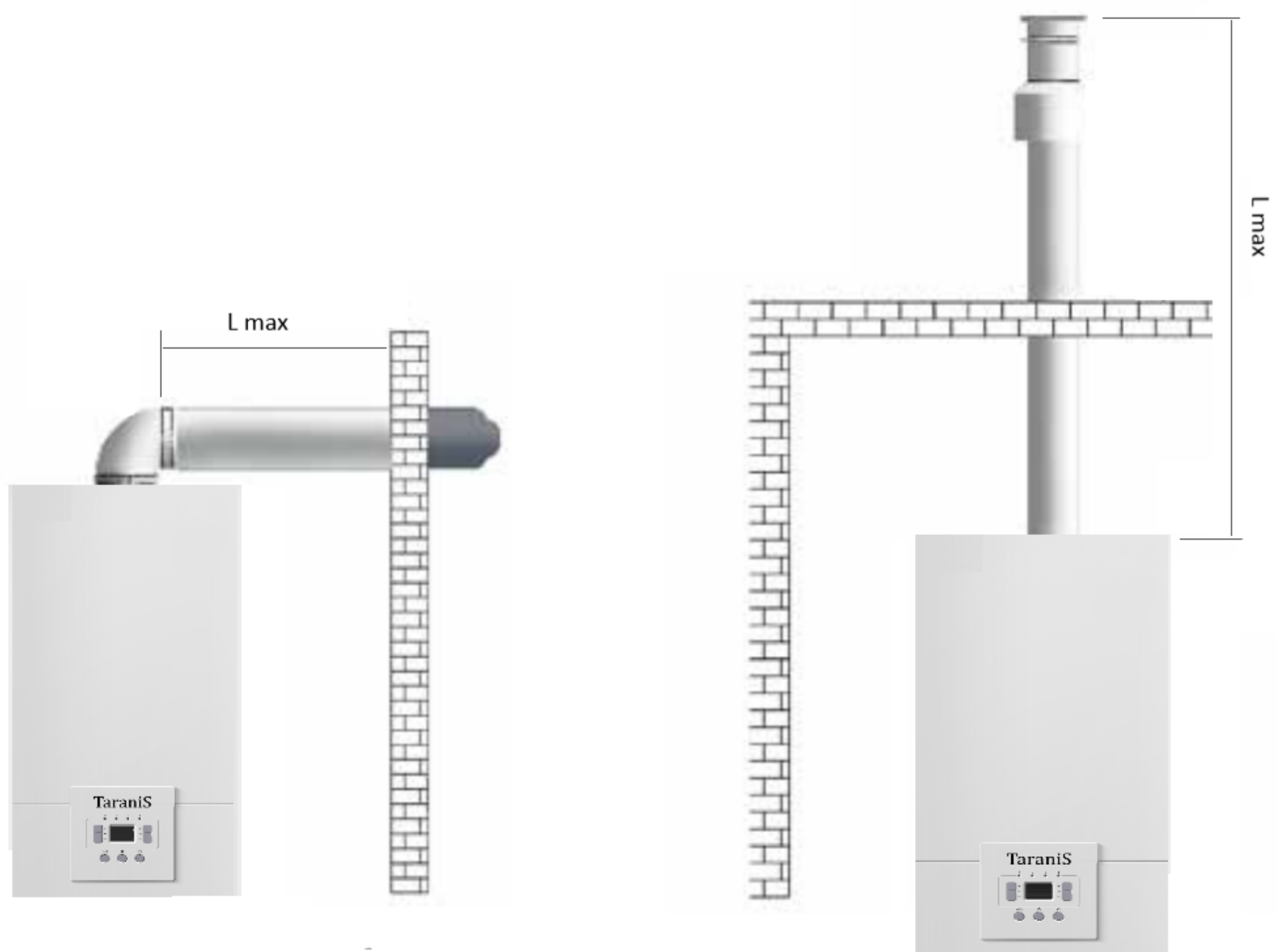
1. High Water Pressure (3 bar) safety unit protects both the central heating system and the combi boiler against overpressure
2. Low Water Pressure (0,5 bar) safety unit switches the combi boiler off when the water pressure is low
3. 3-Way Blockage Protection unit
4. Flame Loss Protection
5. Pump Blockage unit protects the pump against blockage risk after it remains idle for a long time
6. Anti-Freeze Protection
7. Automatic Air Purger for the pump, Manual Air Purger for the expansion tank
8. Over Heating Protection Unit for DHW (66 °C)
9. Over Heating Protection Unit for Flue Gas (95 °C)
10. Over Heating Safety Unit for CH (95 °C)
11. Low Voltage Safety Unit
12. Internal By-Pass System
13. Hall Effect Flow Sensor Detection

Display



1. DHW Temperature increase button
2. DHW Temperature decrease button
3. Heating Temperature increase button
4. Heating Temperature decrease button
5. Operating mode selection button, mode can be changed to winter mode or summer mode by pressing once
6. On/off button
7. Reset button, in case of permanent error, it is pressed once after the problem is solved and the device is removed from the error state

Horizontal & Vertical Applications



Lmax distance with single elbow : 3 m

Lmax distance without single elbow : 3 m

Optional Control Accessories



On/off Room Thermostat

- Cable Connection
- On/Off Model
- Sensitivity: 0,5°C
- Room Control Temperature: 5°C-35°C



Digital Room Thermostat

- LCD Display
- Wireless Connection
- Sensitivity: 0,1°C
- Room Control Temperature: 5°C-35°C

Technical Table

PRODUCT TYPE		Taranis 20	Taranis 24	Taranis 28
Heat output (max) – (80/60°C)	kW	17	21	25
Heat output (min) – (80/60°C)	kW	6,4	7,3	8,6
Heat output (max) – (50/30°C)	kW	20	24	26
Heat output (min) – (50/30°C)	kW	7,2	8,6	10
Operation temperature range for floor heating	°C	30-65		
Operation temperature range for heating	°C	30-85		
Operation temperature range for DHW	°C	30-60		
Volume of expansion vessel	lt	6		
Operating pressure range	bar	3		
Minumum flow operating	l/min	2.5		
DHW flow rate ΔT: 25°C	l/min	10	12	14
DHW flow rate ΔT: 35°C	l/min	8,3	9,9	11,6
Gas consumptions	m3/h	0,7-2,0	0,8-2,4	0,9-2,8
Power supply	V	220 VAC-50 Hz		
Power consumption	W	110	110	120
Protection level	IP	IPX4D		
Dimensions (Width x Height x Length)	mm	420 x 710 x 240		
Net weight	kg	30	32	35
Max chimney lenght (vertical)	m	3		
Max chimney lenght (horizontal)	m	3		
Chimney dimension	mm	60/100		

