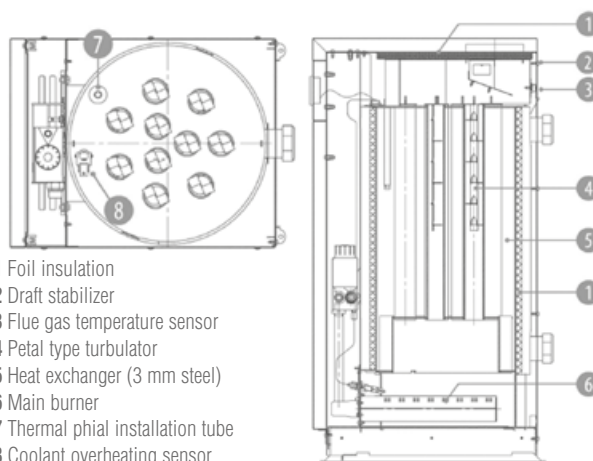




- Non-volatile boiler. **Does not require external electricity connection**
- Heat carrier max working pressure - 3 bar
- Designed for operation in open and closed heating systems. and for use with forced or natural circulation
- High efficiency
- Completed with SIT gas blocks: 7.5-16 kW (SIT 630); 20-30 kW (SIT 710); 35-100 (SIT 820)
- Tube heat exchanger made of an alloy of high-quality cold-rolled steel with a thickness of 3 mm
- IMIT thermometer
- SIT pilot burner
- Gas supply tube for pilot burner with an increased bore of D = 6 mm
- RUSIT burners made of heat-resistant stainless steel with improved combustion properties;
- Convenient installation due to bilateral gas supply. Convenient maintenance due to quick-detachable facing panels, special fastening of smoke collector for convenient maintenance of the boiler gas duct
- Possibility to function on liquefied gas. Operation: 15 years
- All the boilers are equipped with a safety system



- 1 Foil insulation
- 2 Draft stabilizer
- 3 Flue gas temperature sensor
- 4 Petal type turbulator
- 5 Heat exchanger (3 mm steel)
- 6 Main burner
- 7 Thermal phial installation tube
- 8 Coolant overheating sensor

MODEL		7.5	10	12.5	16	20	25	30	35	40	50	60	80	100
Rated heat output	kW	7.5	10	12.5	16	20	25	30	35	40	50	60	80	99
Approximate area of heated space, with height of 2.7 m	m²	≤ 70	≤ 100	≤ 120	≤ 160	≤ 200	≤ 250	≤ 300	< 350	< 400	< 500	< 600	< 800	< 1000
Efficiency, not less than	%	90												
Max consumption of natural gas	m³/h	0.81	1.16	1.44	1.78	2.3	2.8	3.4	3.9	4.5	5.36	6.7	9.0	10.9
Max thermal output of gas burner	kW	8	11.4	14.2	17.6	22.7	27.7	33.6	38	44	55	66	88	107
Temperature regulation range of heat carrier	°C	40 - 90												
Max coolant temperature at the boiler outlet °C, within	°C	95												
Maximum working pressure of heat carrier in heating system, within	MPa (KGF/cm²)	0.3 (3)												
Nom pressure of natural gas	Pa	1300												
Max pressure of natural gas	Pa	3000												
Min pressure of natural gas	Pa	600												
Discharge behind the boiler	Pa	5 - 40												
Connecting thread of heat-carrier connections	inches	G 1/2					G 2							
Connecting thread of gas supply fittings	inches	G 1/2						G 3/4						G 2
Diameter of smoke collector outlet pipe	mm	95	95	115	115	135	135	155	155	155	215	215	235	235
Heat carrier volume within boiler	lt	28	27	30	28	41	39	37	56	55	76	75	128	134
Weight	kg	45	46	55	57	74	79	81	107	110	133	137	205	260
Chimney recommended height	m	5												
Chimney recommended diameter	mm	100	100	120	120	140	140	160	160	160	220	220	240	240
CODE		0QN004YA	0QN005YA	0QN006YA	0QN007YA	0QN008YA	0QN009YA	0QN010YA	0QN011YA	0QN012YA	0QN013YA	0QN014YA	0QN015YA	0QN016YA