



Series: *SuperTeda*
Models: *6*
Net Output: *from 23,6 to 73,2 Kw*

Product

The series consists of 6 oil boilers accurately designed with a net output from kW 23,6 to kW 73,2.

Sturdy jacket with a new concept operating panel.

The jacket is completely insulated.

Technical Features

Control panel with thermostat knob, on-off led button and thermometer.

Safety thermostat. Programming clock (optional).

It can be connected to a room thermostat.

Cast iron exchanger wich guaranties a long lasting and an high efficiency for the boiler.

8 bar tested for a normal 4 bar operation. High water contents thus allowing a reduced on/off operation of the burner and low fuel consumption.

Rear chimney connection. Back element of heat exchanger protected by cast iron guard.

Cast iron front door and burner plate and screws according to EN 226 specifications.

Connection cable to burner. Delivered fully assembled ready for installation

Technical data

Model	SUPERTEDA						
	STD3	STD4	STD5	STD6	STD7	STD8	

CODE		719023	719024	719025			
Rated capacity (Pn)	Kw	23,6	33,3	43	53	63,2	73,2
Thermal power (Qn)	Kw	26,7	37,3	48	59	70,4	81,5
Efficiency (100%) 	%	88,5	89,2	89,6	89,8	89,8	89,8
Efficiency (30%)	%	91,9	92,2	91,5	91,6	91,6	91,6
Elements	n°	3	4	5	6	7	8
Water content	Litri	14,5	17,4	20,3	23,2	26,1	29
Weight	Kg	110	123	137	150	186	206
Combustion chamber Lenght	mm	240	320	400	480	560	640
Combustion chamber volume	dm ³	13,2	17,6	22	26,4	30,8	35,2
Flue gas side volume	dm ³	16	21,7	27,4	33,1	38,9	44,6
Flue gas exhaust temp	°C	241	212	214	216	219	222
Flue gas flow rate (oil)	m ³ /h	38,4	53,6	68,9	84,6	100,9	117,0
Burner attachment diameter	mm	110	110	110	110	110	110
Flue gas exhaust diameter	mm	150	150	150	150	50	150
Max working pressure	bar	4	4	4	4	4	4
Comb. chamber pressure (with stack pressure=0)	Pa	2	15	24	30	41	48
Flue gases side drops	Pa	2	15	24	30	41	48
Water side pressure drops Δt 10°C	Pa	380	500	600	700	780	1000
Water side pressure drops Δt 20°C	Pa	150	190	240	260	320	360
Thermostat adjustment range	°C	0 90	0 90	0 90	0 90	0 90	0 90
Heating system input/output fittings		1" 1/4	1" 1/4	1" 1/4	1" 1/4	1" 1/4	1" 1/4
Coefficient of consumption	%	0,84	0,76	0,68	0,59	0,51	0,42
Fuel oil		oil 1-4° E-20°C (LHV 10210 Kcal/Kg)					
Electric power supply		2N~230V/max1,7A					