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PELLET BUNKER 600

**ERATO GP20/ GP 20+
VIADRUS U22**

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Hot water cast iron solid fuel boiler “VIADRUS U22”, equipped with automatic pellet burner “ERATO GP20/ GP20+”



MAIN TECHNICAL PARAMETERS:

Parameter		Value GP20	Value GP20+	Dimension
System code name		Viadrus U22 + ERATO GP20/ GP20+		
System type		Combination: cast iron hot water solid fuel boiler, equipped with automatic pellet burner		
Nominal thermal capacity of the system: hot water boiler Viadrus U22 and pellet burner		20	32	kW
Nominal thermal operating parameters of circulating fluid in the heating system		90°C/ 70°C (supply/return)		
Operating range of the system's thermal capacity		10 – 20	5-32	kW
Fuel		Wood pellets, \varnothing 6÷8 mm		
		Mixture of wood pellets(70%) and nuts(30%)		
Wood pellets category (according to ERATO's pellet classification)		A, AB, B		
Fuel consumption rate – wood pellets (according to the local conditions)	Minimal	1.2	1.7	kg/h
	At nominal thermal capacity	5.0	6.8	kg/h
	In heating system	0.6 – 1.2	0.6 – 1.7	t/month
Residue of the combustion process		Mineral ash (The quantity depends of the thermal load and ash content of the fuel)		
Overall system efficiency		86		%
Flue gas temperature		180 – 280		°C
Maximal operating temperature of the circulating water in the boiler		90		°C
Consumed average power		100		W
Net connecting		220-240		V
Boiler weight		342		kg
Burner weight		16	18	kg
Auger transporter weight		14	14	kg
Storage place		200/400/600		Litr
Length x width x height		1000 x 1000 x 1123/1485/1847		mm

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