PRODUCT INFORMATION SHEET

The product data presented below complies with the requirements of EU regulations 811/2013 and 813/2013 to comply with directives 92/42/EU and 92/42/EEC.

CE PIN Number: 0085CS0133

Product Data	Symbol	Unit	CITIUS PREMIX 14 HM-HCH-HST	CITIUS PREMIX 20 HM-HCH-HST	CITIUS PREMIX 24 HM-HCH-HST	CITIUS PREMIX 28 HM-HCH-HST
Condensing boiler			Yes	Yes	Yes	Yes
Low-temperature boiler(*b)			No	No	No	No
B1 boiler			No	No	No	No
Cogeneration Space Heater			No	No	No	No
Combination Heater			Yes (for HM models) / No (for HCH and HST models)			
Useful Heat Output						
Rated heat output (*e)	Prated	kW	14	20	24	28
At rated heat output and high temperature regime (*a)	P4	kW	14,1	20,2	24,7	27,7
At 30% of rated heat output and low temperature regime	P1	kW	6,7	6,7	8,2	9,3
Auxiliary Electricity Consumption						
At full load	elmax	kW	0,02	0,029	0,04	0,051
At part load	elmin	kW	0,012	0,012	0,012	0,012
In Standby mode	PSB	kW	0,004	0,004	0,005	0,004
Space Heating Efficiency						
Seasonal space heating energy efficiency class			A	A	A	A
Seasonal space heating energy efficiency	ηs	%	92	92	93	93
At rated heat output and high temperature regime (*c)	η4	%	87,9	87,9	88,4	87,6
At 30% of rated heat output and low temperature regime (*d)	η1	%	97	97	98	97,9
For Combination Heaters (*f)						
Temperature application (*f)			Medium	Medium	Medium	Medium
Declared load profile (*f)			XL	XL	XL	XL
Water heating energy efficiency class (*f)			A	A	A	A
Water heating energy efficiency (*f)	ηwh	%	86	86	86	84
Daily fuel consumption (*f)	Qfuel	kWh	23,072	23,072	23,05	22,8
Annual fuel consumption (*f)	AFC	Gj	18	18	18	18
Other Items						
Standby Heat Loss	Pstby	kW	0,065	0,065	0,065	0,065
Ignition Burner Power Consumption	Pign	kW	0	0	0	0
Annual Energy Consumption	QHE	kWh	12267	17574	21315	24360
Daily Electricity Consumption	Qelec	kWh	0,21	0,21	0,21	0,22
Annual Electricity Consumption	AEC average	kWh	44	44	44	44
Sound Power Level	L_{wA}	db(A)	52	52	52	52
Emission of Nitrogen Oxide	NOx	mg/kWh	31,18	30,89	29,14	22,88
Indication about ability working only during off-peak hours			No	No	No	No
Manufacturer	Emas Makina Sanayi A.Ş.					
Address of the Manufacturer	Mustafa Kemal Boulevard Organized Industrial Zone 3rd Section No: 13 45030					

(*a) High-temperature regime means 60 °C return temperature at heater inlet and 80 °C feed temperature at heater outlet.

(*b) Low temperature means for condensing boilers 30 °C, for low-temperature boilers 37 °C and for other heaters 50 °C return temperature (at heater inlet).

(*c) High-temperature regime means 60 °C return temperature at heater inlet and 80 °C feed temperature at heater outlet.

(*d) Low temperature means for condensing boilers 30 °C, for low-temperature boilers 37 °C and for other heaters 50 °C return temperature (at heater inlet).

(*e) For heat pump heaters and combined heaters, the rated heat output Prated is the same as the standard load in heating mode Pdesignh. The rated heat output of a Psup auxiliary heating device is the same as the auxiliary heating power sup(Tj).

(*f) Valid for HM models.

Warning: Special precautions are stated in the user and installation manuals for assembly, installation and maintenance. Read and follow the user and installation manuals.

Warning: This natural draft boiler can only be connected to a flue gas system which more than one flat is connected in existing buildings, which directs the combustion gases in the installation room to the open air. It has a differential pressure switch and takes combustion air directly from the installation room. Any other use of this boiler should be avoided due to its low efficiency. It may result in higher energy consumption and higher operating costs.

Warning: Read and follow the user and assembly manuals for assembly, installation, maintenance, disassembly, recycling and/or waste disposal.

Warning: All data contained in the product information has been determined within the framework of the requirements of European directives. Differences from product information stated elsewhere may be due to different testing conditions. Only the data contained in this product information is binding and valid.