

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.

Product Data	Symbol	Unit	ARCEUS ELECTRIC COMBI EK 6 kW CH-ST	ARCEUS ELECTRIC COMBI EK 9 kW CH-ST	ARCEUS ELECTRIC COMBI EK 12 kW MT-CH-ST	ARCEUS ELECTRIC COMBI EK 15 kW MT-CH-ST	ARCEUS ELECTRIC COMBI EK 18 kW MT-CH-ST	ARCEUS ELECTRIC COMBI EK 24 kW MT-CH-ST	ARCEUS ELECTRIC COMBI EK 27 kW MT-CH-ST
Condensing boiler			No	No	No	No	No	No	No
Low-temperature boiler(*b)			No	No	No	No	No	No	No
B1 boiler			No	No	No	No	No	No	No
Cogeneration Space Heater			No	No	No	No	No	No	No
Combination Heater			Yes (for MT Models) / No (for CH and ST Models)						
Usable Heating Capacity									
Rated heat output (*e)	Prated	kW	6	9	12	15	18	24	27
At rated heat output and high temperature regime (*a)	P4	kW	5,9	8,9	11,9	14,9	17,9	23,9	26,9
At 30% of rated heat output and low temperature regime	P1	kW	-	-	-	-	-	-	-
Auxiliary Electricity Consumption									
At full load	elmax	kW	-	-	-	-	-	-	-
At part load	elmin	kW	-	-	-	-	-	-	-
In Standby mode	PSB	kW	0,005	0,005	0,005	0,005	0,005	0,005	0,005
Space Heating Efficiency									
Seasonal Space Heating Energy Efficiency Class			D	D	D	D	D	D	D
Seasonal space heating energy efficiency	ηs	%	37	37	37	37	37	37	37
At nominal heating power and high temperature operation (*c)	η4	%	39,9	39,9	39,9	39,9	39,9	39,9	39,9
At 30% of nominal heating power and low temperature operation (*d)	η1	%	-	-	-	-	-	-	-
For Combination Heaters (*f)									
Temperature application (*f)			Medium	Medium	Medium	Medium	Medium	Medium	Medium
Declared load profile (*f)			M	M	M	L	L	XL	XL
Water heating energy efficiency class (*f)			C	C	C	C	C	C	C
Water heating energy efficiency (*f)	ηwh	%	38	38	38	38	38	38	38
Daily fuel consumption (*f)	Qfuel	kWh	-	-	-	-	-	-	-
Annual fuel consumption (*f)	AFC	Gj	-	-	-	-	-	-	-
Other Items									
Standby Heat Loss	Pstby	kW	0,05	0,05	0,05	0,05	0,05	0,05	0,05
Ignition Burner Power Consumption	Pign	kW	0	0	0	0	0	0	0
Annual Energy Consumption	QHE	kWh	5133	7743	10353	12963	15573	20793	23403
Daily Electricity Consumption	Qelec	kWh	4,46	6,72	8,99	11,25	13,52	18,05	20,32
Annual Electricity Consumption	AEC average	kWh	964	1455	1348	2688	2688	4399	4399
Sound Power Level	L _{WA}	db(A)	38	38	38	38	38	38	38
Emission of Nitrogen Oxide	NOx	mg/kWh	-	-	-	-	-	-	-
Indication about ability working only during off-peak hours			No	No	No	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 MANİSA								

(*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 to be taken for assembly, installation and maintenance are specified in the user and assembly manuals. Read and follow the user and assembly manuals.



Warning: Read and follow the operating and assembly instructions regarding assembly, installation, maintenance, disassembly, recycling and/or waste disposal.



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

