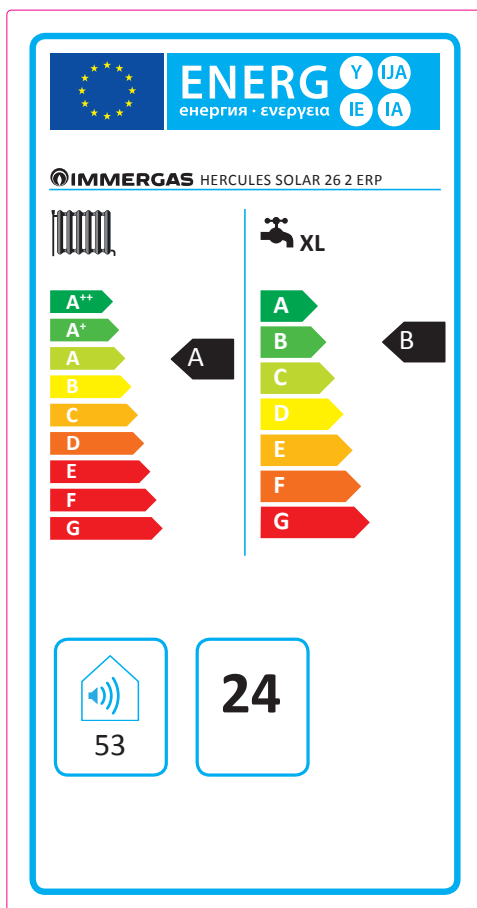


3.21 TECHNICAL PARAMETERS FOR MIXED BOILERS (IN COMPLIANCE WITH REGULATION 813/2013).

The yields in the following tables refer to the higher heating value.

Model/s:				Hercules Solar 26 2 ErP				
Condensing boiler:				YES				
Low-temperature boiler:				NO				
B1 boiler:				NO				
Cogeneration space heater:				NO		Equipped with a supplementary heater:		NO
Combination heater:				YES				
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit	
Rated heat output	P_n	24	kW	Seasonal space heating energy efficiency	η_s	92	%	
For boiler space heaters and boiler combination heaters: useful heat output				For boiler space heaters and boiler combination heaters: Useful efficiency				
At rated heat output and high-temperature regime (*)	P_4	23,6	kW	At rated heat output and high-temperature regime (*)	η_4	87,3	%	
At 30 % of rated heat output and low-temperature regime (**)	P_1	7,1	kW	At 30 % of rated heat output and low-temperature regime (**)	η_1	97,2	%	
Auxiliary electricity consumption				Other items				
At full load	el_{max}	0,043	kW	Standby heat loss	P_{stby}	0,132	kW	
At part load	el_{min}	0,019	kW	Ignition burner power consumption	P_{ign}	0,000	kW	
In standby mode	P_{SB}	0,005	kW	Emissions of nitrogen oxides	NO_x	47	mg / kWh	
For combination heaters:								
Declared load profile		XL		Water heating energy efficiency	η_{WH}	76	%	
Daily electricity consumption		Q_{dec}	0,669	kWh	Daily fuel consumption	Q_{fuel}	30,464	kWh
Contact details		IMMERGAS S.p.A. VIA CISA LIGURE, 95 - 42041 BRESCELLO (RE) ITALY						
(*) High-temperature regime means 60 °C return temperature at heater inlet and 80 °C feed temperature at heater outlet.								
(**) Low temperature means for condensing boilers 30 °C, for low-temperature boilers 37 °C and for other heaters 50 °C return temperature.								

3.22 PRODUCT DATA SHEET (IN COMPLIANCE WITH REGULATION 811/2013).



Parameter	value
Yearly energy consumption for the heating function (Q_{HE})	1,4 GJ
Yearly electricity consumption for the domestic hot water function (AEC)	147 kWh
Yearly fuel consumption for the domestic hot water function (AFC)	24 GJ
Seasonal room heating yield (η_s)	92 %
Domestic hot water production yield (η_{wh})	76 %

For proper installation of the appliance refer to chapter 1 of this booklet (for the installer) and current installation regulations. For proper maintenance refer to chapter 3 of this booklet (for the maintenance technician) and adhere to the frequencies and methods set out herein.