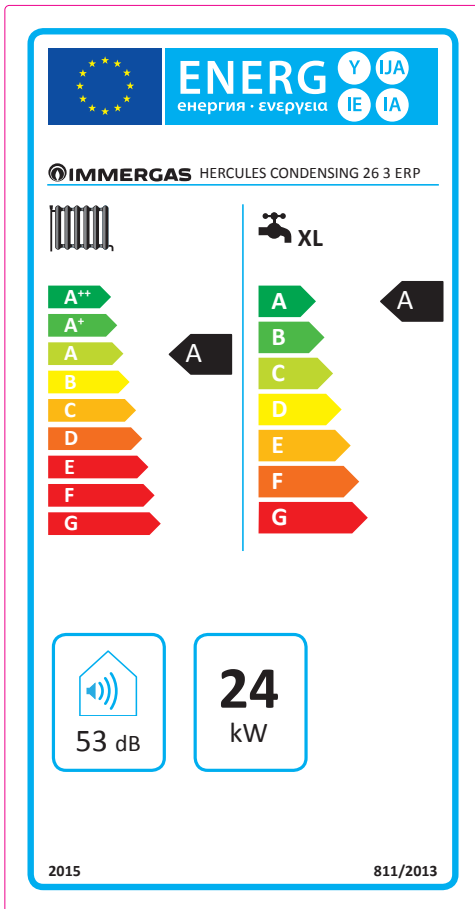
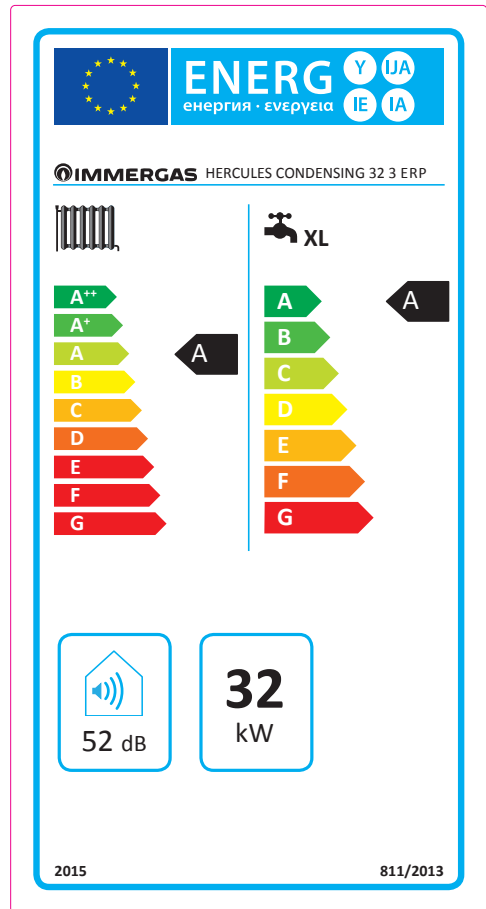


Hercules Condensing 26 3 ErP



Hercules Condensing 32 3 ErP



Parameter	value
Yearly energy consumption for the heating function (Q_{HE})	45.6 GJ
Yearly electricity consumption for the domestic hot water function (AEC)	62 kWh
Yearly fuel consumption for the domestic hot water function (AFC)	18 GJ
Seasonal room heating yield (η_s)	90 %
Domestic hot water production yield (η_{wh})	80 %

Parameter	value
Yearly energy consumption for the heating function (Q_{HE})	61.2 GJ
Yearly electricity consumption for the domestic hot water function (AEC)	59 kWh
Yearly fuel consumption for the domestic hot water function (AFC)	18 GJ
Seasonal room heating yield (η_s)	92 %
Domestic hot water production yield (η_{wh})	80 %

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.

3.22 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 Condensing 26 3 ErP				
Condensing Boilers:				SI				
Low temperature boiler:				NO				
Boiler type B1:				NO				
Co-generation appliance for central heating:				NO			Fitted with supplementary heating system:	NO
Mixed heating appliance:				SI				
Element	Symbol	Value	Unit	Element	Symbol	Value	Unit	
Nominal heat output	P_n	24	kW	Seasonal energy efficiency of central heating	η_s	90	%	
For central heating only and mixed boilers: useful heat output				For central heating only and mixed boilers: useful efficiency				
At nominal heat output in high temperature mode (*)	P_4	23.9	kW	At nominal heat output in high temperature mode (*)	η_4	86.1	%	
At 30% of nominal heat output in a low temperature mode (**)	P_1	7.9	kW	At 30% of nominal heat output in a low temperature mode (**)	η_1	95.8	%	
Auxiliary electricity consumption				Other items				
At full load	el_{max}	0.031	kW	Heat loss in standby	P_{stby}	0.167	kW	
At partial load	el_{min}	0.014	kW	Ignition burner energy consumption	P_{ign}	0.000	kW	
In standby mode	P_{SB}	0.005	kW	Emissions of nitrogen oxides	NO_x	43	mg / kWh	
For mixed central heating appliances								
Stated load profile		XL		Domestic hot water production efficiency	η_{WH}	80	%	
Daily electrical power consumption	Q_{elec}	0.283	kWh	Daily gas consumption	Q_{fuel}	24.497	kWh	
Contact information	IMMERGAS S.p.A. VIA CISA LIGURE, 95 - 42041 BRESCELLO (RE) ITALY							
(*) High temperature mode means 60°C on return and 80°C on flow.								
(**) Low temperature mode for condensation Boilers means 30°C , for low temperature boilers 37°C and for other appliances 50°C of return temperature.								

Model/s:				Hercules Condensing 32 3 ErP				
Condensing Boilers:				SI				
Low temperature boiler:				NO				
Boiler type B1:				NO				
Co-generation appliance for central heating:				NO			Fitted with supplementary heating system:	NO
Mixed heating appliance:				SI				
Element	Symbol	Value	Unit	Element	Symbol	Value	Unit	
Nominal heat output	P_n	32	kW	Seasonal energy efficiency of central heating	η_s	92	%	
For central heating only and mixed boilers: useful heat output				For central heating only and mixed boilers: useful efficiency				
At nominal heat output in high temperature mode (*)	P_4	32.0	kW	At nominal heat output in high temperature mode (*)	η_4	87.2	%	
At 30% of nominal heat output in a low temperature mode (**)	P_1	10.6	kW	At 30% of nominal heat output in a low temperature mode (**)	η_1	96.7	%	
Auxiliary electricity consumption				Other items				
At full load	el_{max}	0.031	kW	Heat loss in standby	P_{stby}	0.175	kW	
At partial load	el_{min}	0.014	kW	Ignition burner energy consumption	P_{ign}	0.000	kW	
In standby mode	P_{SB}	0.005	kW	Emissions of nitrogen oxides	NO_x	47	mg / kWh	
For mixed central heating appliances								
Stated load profile		XL		Domestic hot water production efficiency	η_{WH}	80	%	
Daily electrical power consumption	Q_{elec}	0.270	kWh	Daily gas consumption	Q_{fuel}	24.492	kWh	
Contact information	IMMERGAS S.p.A. VIA CISA LIGURE, 95 - 42041 BRESCELLO (RE) ITALY							
(*) High temperature mode means 60°C on return and 80°C on flow.								
(**) Low temperature mode for condensation Boilers means 30°C , for low temperature boilers 37°C and for other appliances 50°C of return temperature.								