



► (1) ErP specifications

(2) Trademark / Product name:	ACV / ILEA	12 SOLO BE	20 SOLO BE	30 SOLO BE	18/25 BE	22/30 BE	25/35 BE	
(3) Reference		A1006858	A1006859	021409	A1006860	A1006861	A1006862	
(4) Condensing boiler		(35) Yes			(35) Yes			
(5) Mixed heating appliance		(36) No			(35) Yes			
(6) Space heating								
(7) Energy class	- -	A	A	A	A	A	A	
(8) Rated thermal input	P_{rated} kW	12	18.8	27.3	19	22	25	
(9) Seasonal efficiency produced	η_s %	92	93	93	93	92	93	
(10) Annual energy consumption	Q_{HE} kWh	6944	16224	15639	16224	18874	21413	
(11) Production of domestic hot water								
(12) Extraction profile	- -	-	-		L	XL	XL	
(7) Energy class	- -	-	-		A	A	A	
(13) Energy efficiency	η_{wh} %	-	-		88	82	81	
(14) Annual fuel consumption	AFC kWh	-	-		2778	4919	4933	
(15) Annual electricity consumption	AEC kWh	-	-		26	49	49	
(16) Daily fuel consumption	Q_{fuel} kWh	-	-		12.627	22.359	22.423	
(17) Daily electricity consumption	Q_{elec} kWh	-	-		0.118	0.221	0.224	
(18) Acoustic data								
(19) Sound power	L_{WA} dBa	48	49	48	49	49	49	
(20) Useful heat production								
(21) At the rated thermal input and high-temperature regime ⁽²⁾	P_4 kW	12	18.8	27.2	19	22	25	
(22) At 30% of rated thermal input and low-temperature regime ⁽³⁾	P_1 kW	4.0	6.3	9.0	6.26	7.3	8.4	
(23) Useful efficiency								
(21) At the rated thermal input and high-temperature regime ⁽²⁾	η_4 %	87.5	88.1	88.1	88.1	87.5	88.1	
(22) At 30% of rated thermal input and low-temperature regime ⁽³⁾	η_1 %	97.9	97.4	97.4	97.4	97.5	98.5	
(24) Auxiliary energy consumption								
(25) Fully loaded	e_{lmax} kW	0.026	0.027	0.030	0.027	0.025	0.027	
(26) Partly loaded	e_{lmin} kW	0.011	0.010	0.011	0.010	0.011	0.012	
(27) In standby mode	P_{SB} kW	0.003	0.003	0.002	0.003	0.003	0.003	
(28) Other characteristics								
(29) Heat loss under steady-state conditions	P_{stby} kW	0.038	0.035	0.035	0.035	0.035	0.035	
(30) Electricity consumption of the ignition burner	P_{ign} kW	0	0	0	0	0	0	
(31) Nitrogen oxide emission	NOx mg/kWh	47	42	47	42	56	43	

(33) ⁽²⁾ By high-temperature regime, we mean a return temperature of 60°C at the input of the heating appliance and a flow temperature of 80°C at the heating output.

(34) ⁽³⁾ By low temperature, we mean a return temperature (at the input of the heating appliance) of 30°C for condensing boilers, of 37°C for low temperature boilers, and 50°C for other heating appliances.

► (37) Package sheet

(38) Name of product	(39) Ref	(40) Seasonal efficiency of the boiler for space heating	(41) Type of regulation			(42) Bonus ↓	(43) Combined product* seasonal efficiency for space heating	(44) Energy class of combined product
			(45) Outdoor sensor	(59) ON/OFF room thermostat	(46) Modulating room thermostat			
ILEA 12 SOLO BE	A1006858	92%	class II	-	-	2%	94%	A
			-	class IV	-	2%		
			-	-	class V	3%		
ILEA 20 SOLO BE	A1006859	93%	class II	-	-	2%	95%	A
			-	class IV	-	2%		
			-	-	class V	3%		
ILEA 30 SOLO BE	021409	93%	class II	-	-	2%	95%	A
			-	class IV	-	2%		
			-	-	class V	3%		
ILEA 18/25 BE	A1006860	93%	class II	-	-	2%	95%	A
			-	class IV	-	2%		
			-	-	class V	3%		
ILEA 22/30 BE	A1006861	92%	class II	-	-	2%	94%	A
			-	class IV	-	2%		
			-	-	class V	3%		
ILEA 25/35 BE	A1006862	93%	class II	-	-	2%	95%	A
			-	class IV	-	2%		
			-	-	class V	3%		

(48) * The energy efficiency of the combined product provided for in this table may not correspond to its true energy efficiency once the combined product has been installed in a building, as this efficiency varies according to other factors, such as heat loss of the distribution system and the size of products in relation to the size and characteristics of the building.



(45) Outdoor sensor	A1007115	(53) Outdoor wire sensor
(49) Regulator class	II	
(42) Bonus	2%	
(54) ON/OFF room thermostat references	10800358	RC 30
(49) Regulator class	IV	
(42) Bonus	2%	
(51) Modulating room thermostat references	A1007117 A1007119 A1007121	Navilink A59 Navilink 105 Navilink 128
(49) Regulator class	V	
(42) Bonus	3%	