

Product sheet

Trade name			ACV		R2017/1369 - Article 12
Product name			ILEA 12 SOLO	ILEA 20 SOLO	5.a)
ACV Reference			A1006354	A1006355	
References to the harmonised standards applied or other measurement standards used			15502-1+A1 2015 / 15502-2-1+A1 2017		5.b)
Specific precautions that shall be taken when the model is assembled, installed, maintained or tested			See installation and user manuals		5.c)
Testing conditions if not described sufficiently in used standards			Not applicable		5.f)
Condensing boiler			Yes		5.a)
Low temperature boiler			No		
B1 boiler			No		
Space heating characteristics					
Energy class	-	-	A	A	5.e)
Rated heat output	P_{rated}	kW	12	19	
Seasonal space heating energy efficiency	η_s	%	92	92	
Annual energy consumption	Q_{HE}	kWh	6944	10766	
Acoustic features					
Sound power level		dBa	48	48	5.d)
Useful heat output					
At rated heat output and high-temperature regime(**)	P_4	kW	12	19	5.d)
At 30% of rated heat output and low-temperature regime (***)	P_1	kW	4.0	6.3	
Useful efficiency					
At rated heat output and high-temperature regime (**)	η_4	%	87.5	86.3	5.d)
At 30% of rated heat output and low-temperature regime (***)	η_1	%	97.9	97.3	
Auxiliary electricity consumption					
At full load	e_{lmax}	kW	0.026	0.031	5.d)
At part load	e_{lmin}	kW	0.011	0.012	
In standby mode	P_{SB}	kW	0.003	0.003	
Other items					
Standby heat loss	P_{stby}	kW	0.038	0.033	5.d)
Ignition burner power consumption	P_{ign}	kW	0	0	
Nox emission	NOx	mg/kWh	47	44.9	

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(**) 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 (at heater inlet).

Product sheet

Trade name	ACV			R2017/1369 - Article 12		
Product name	ILEA 18/25	ILEA 22/30	ILEA 25/35	5.a)		
ACV Reference	A1006356	A1006357	A1006358			
References to the harmonised standards applied or other measurement standards used	15502-1+A1 2015 / 15502-2-1+A1 2017/13203-2-2015			5.b)		
Specific precautions that shall be taken when the model is assembled, installed, maintained or tested	See installation and user manuals			5.c)		
Testing conditions if not described sufficiently in used standards	Not applicable			5.f)		
Condensing boiler	Yes	Yes	Yes	5.a)		
Low temperature boiler	No	No	No			
B1 boiler	No	No	No			
Combination heater	Yes	Yes	Yes			
Space heating characteristics						
Energy class	-	-	A	5.e)		
Rated heat output	P_{rated} kW	19	22		25	
Seasonal space heating energy efficiency	η_s %	92	93		93	
Annual energy consumption	Q_{HE} kWh	10766	12429		14402	
Domestic hot water production characteristics						
Declared load profile	-	-	XL	XL	XL	5.d)
Energy class	-	-	A	A	A	5.e)
Water heating energy efficiency	η_{wh} %	86	84	84	5.d)	
Annual fuel consumption	AFC kWh	4700	4772	4747	5.e)	
Annual electricity consumption	AEC kWh	51	56	54		
Daily fuel consumption	Q_{fuel} kWh	21.364	21.691	21.577	5.d)	
Daily electricity consumption	Q_{elec} kWh	0.232	0.255	0.245		
Acoustic features						
Sound power level	L_{WA} dBA	48	48	48	5.d)	
Useful heat output						
At rated heat output and high-temperature regime (**)	P_4 kW	19	22	25	5.d)	
At 30% of rated heat output and low-temperature regime (***)	P_1 kW	6.26	7.2	8		
Useful efficiency						
At rated heat output and high-temperature regime (**)	η_4 %	86.3	87.6	87.6	5.d)	
At 30% of rated heat output and low-temperature regime (***)	η_1 %	97.3	98.0	97.7		
Auxiliary electricity consumption						
At full load	e_{max} kW	0.031	0.032	0.031	5.d)	
At part load	e_{min} kW	0.012	0.012	0.011		
In standby mode	P_{SB} kW	0.003	0.004	0.003		
Other items						
Standby heat loss	P_{stby} kW	0.033	0.033	0.033	5.d)	
Ignition burner power consumption	P_{ign} kW	0	0	0		
Nox emission	NOx mg/kWh	44.9	36.3	47.5		

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Product sheet

Trade name	ACV			R2017/1369 - Article 12	
Product name	ILEA EXCELLENCE	ILEA EXCELLENCE 25/35		5.a)	
ACV Reference	A1006359	?			
References to the harmonised standards applied or other measurement standards used	15502-1+A1 2015 / 15502-2-1+A1 2017/13203-2-2015			5.b)	
Specific precautions that shall be taken when the model is assembled, installed, maintained or tested	See installation and user manuals			5.c)	
Testing conditions if not described sufficiently in used standards	Not applicable			5.f)	
Condensing boiler	Yes	Yes		5.a)	
Low temperature boiler	No	No			
B1 boiler	No	No			
Combination heater	Yes	Yes			
Space heating characteristics					
Energy class	-	-	A	A	5.e)
Rated heat output	P_{rated}	kW	22	25	
Seasonal space heating energy efficiency	η_s	%	93	93	
Annual energy consumption	Q_{HE}	kWh	12426	14402	
Domestic hot water production characteristics					
Declared load profile	-	-	XL	XL	5.d)
Energy class	-	-	A	B	5.e)
Water heating energy efficiency	η_{wh}	%	80.7	62.9	5.d)
Annual fuel consumption	AFC	kWh	4892	5778	5.e)
Annual electricity consumption	AEC	kWh	59	53	
Daily fuel consumption	Q_{fuel}	kWh	22.236	26.264	5.d)
Daily electricity consumption	Q_{elec}	kWh	0.268	0.241	
Acoustic features					
Sound power level	L_{WA}	dBa	51	50	5.d)
Useful heat output					
At rated heat output and high-temperature regime(**)	P_4	kW	21.6	25	5.d)
At 30% of rated heat output and low-temperature regime (***)	P_1	kW	7.26	8.36	
Useful efficiency					
At rated heat output and high-temperature regime (**)	η_4	%	87.6	87.57	5.d)
At 30% of rated heat output and low-temperature regime (***)	η_1	%	98.2	97.65	
Auxiliary electricity consumption					
At full load	e_{max}	kW	0.032	0.031	5.d)
At part load	e_{min}	kW	0.012	0.012	
In standby mode	P_{SB}	kW	0.004	0.003	
Other items					
Standby heat loss	P_{stby}	kW	0.082	0.084	5.d)
Ignition burner power consumption	P_{ign}	kW	0	0	
Nox emission	NOx	mg/kWh	36.3	47.5	

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