PRODUCT FICHE

INDEPENDENT HEAT BOILER
Ideal Heating
ERP DATA

	SYMBOL	UNITS				
			40	40P	60	60P
Condensing boiler			Yes			
Seasonal Space heating efficiency class			A			
Rated heat output		kW	40	40	60	60
Seasonal space heating energy efficiency	η_s	%	93*	93*	93*	93*
Annual energy consumption	Q_{HE}	GJ	124	121	186	182
Sound power level, indoors	L_{WA}	dB	55.9	55.9	57.6	57.6

Seasonal Space Heating Energy Efficiency of the Boiler								*%	**A**
Temperature control (from fiche of temperature control)								%	**B**
Class I	*Class II*	*Class III*	*Class IV*	*Class V*	*Class VI*	*Class VII*	*Class VIII*		
1%	*2%*	*1.5%*	*2%*	*3%*	*4%*	*3.5%*	*5%*		

Solar Contribution (from fiche of solar device)

Collector Size (in m^2) | Tank Volume (in m^3) | Collector Efficiency (in %) | Tank rating A* = 0.95, A = 0.91, B = 0.86, C = 0.83, D-G = 0.81

= (‘*III*’ x ☐ + ‘*IV*’ x ☐) x 0.9 x (☐ / 100 x ☐ = ☐ % **C**

Seasonal Space Heating Energy Efficiency of Package **TOTAL: A+B+C=** ☐ %

Seasonal Space Heating Energy Efficiency Class of Package

G	F	E	D	C	B	A	A+	A++	A+++
< 30%	≥ 30%	≥ 34%	≥ 36%	≥ 75%	≥ 82%	≥ 90%	≥ 98%	≥ 125%	≥ 150%

The energy efficiency of the package of products provided for in this document may not correspond to its actual energy efficiency once installed in a building, as the efficiency is influenced by further factors such as heat loss in the products in relation to the building size and its characteristics