update : 25/01/2022

Method for calculating the calorific capacity of QAÏTO ®, according to the quantity of pellets contained in each product				
	Q10	**Q20**	**Q30**	**Q30 + QR31**
Content (+/- 10%)	2 kg	2 kg	3,7 kg	5 kg
Equivalence in weight of wood - logs (1 kg of pellets = +/- 1.6 kg of wood)	3,2	3,2	6	8
Approximate equivalence in number of logs of 50 cm length and 10 - 12 cm diameter	about 1 log	1	2	2,5
				
Calorific value linked to the quantity of pellets	9 kW	9 kW	17 kW	23 kW
Round calorific value in kW	**10**	**10**	**15**	**20**

NB: the calorific value is a SIMPLE and EASILY CHECKABLE calculation linked to the quantity of pellets that can be put inside each QAÏTO. Therefore BEFORE combustion. In fact, 1 kg of DIN + standard pellets has a calorific value of 4.6 kW. Consequently, the quantity of pellets contained in one QAÏTO can be converted into KiloWatt. This is the power theoretically available (at the ENTRANCE of the fireplace, in a way). However, this does not correspond to the heat output. Effectively, efficiency is the heat transmitted by an installation (stove or fireplace) (OUTPUT of the fireplace). Each installation, each home being a specific case, it is not realistic neither possible to measure the calorific output of one QAÏTO at the level of each individual installation.