

## QUANTEC REGULAR KOMPACT 16RK ErP PRODUCT FICHE

EU Regulations No. 811/2013 and No. 812/2013 supplementing Directive 2010/30/EU.

QUANTEC MODEL	16RK		
PRODUCT DATA	SYMBOL	VALUE	UNIT
Condensing boiler	-	Yes	-
Low temperature boiler	-	No	-
B11 Boiler	-	No	-
Cogeneration space heater	-	No	-
Combination Heater	-	No	-
Rated heat output	$P_{\text{rated}}$	16	kW
Seasonal space heating energy efficiency	$\eta_s$	94	%
Energy efficiency class	-	A	-
USEFUL HEAT OUTPUT			
At rated heat output and high temperature regime	$P_4$	16.3	kW
At 30% of rated heat output and low temperature regime	$P_1$	5.5	kW
USEFUL EFFICIENCY			
At rated heat output and high temperature regime	$\eta_4$	88.8	%
At 30% of rated heat output and low temperature regime	$\eta_1$	98.8	%
AUXILLARY ELECTRICITY CONSUMPTION			
At full load	$e_{\text{max}}$	0.025	kW
At part load	$e_{\text{min}}$	0.013	kW
In standby mode	$P_{\text{SB}}$	0.007	kW
OTHER ITEMS			
Standby heat loss	$P_{\text{SB}}$	0.099	kW
Ignition burner power consumption	$P_{\text{ign}}$	0	kW
Sound power level indoors	$L_{\text{WA}}$	46	dB

1. High temperature regime means 60°C return temperature at heater inlet and 80°C feed temperature at heater output.
2. Low temperature means for condensing boiler 30°C, for low temperature boilers 37°C and for other heaters 50°C return temperature (at heater).

