

# Energy Facts - Kubus Heated Patisserie (Rear Doors/ Fixed Back)



**ASSUMPTIONS:** Kubus Heated Patisserie Display Unit switched on for 8 hours per 24, Heated Display Unit Used 7 days Per Week, Heated Display Unit is in standby for 16 hours per 24, Lights off in standby, Average room temp. 18 deg C 50 % RH.  
**Electric Cost - 18.000p/kWh - Average Business Rate - June 2023.**

## Kubus Self Help Heated Patisserie (Rear Doors/ Fixed Back)

Model	Component	Rating (W)	kW/hour	kWh/day	kWh/year
KPH6 Self Help Heated Patisserie (Rear Doors)	Measured average w per hour ( Using Qualistar CA 8335 )	2033	2.033	16.264	5,936.36
	<b>Test Conditions As Below :</b> Heater Elements On ( 8 hrs in 24 ) 500w(x2) 1000w(x1)				
KPH6FB Self Help Heated Patisserie (Fixed Back)	Heater Elements Off - Reached Temp.(3.75 hrs in 8)	2000	2	7.5	2,737.50
	Heater Elements Off - In Standby ( 16 hrs in 24 ) Hot Air Recirculation Fan On ( 8 hrs in 24 ) 18w (x1) Hot Air Recirculation Fan Off - In Standby ( 16 hrs in 24 ) High Temperature LED Lights On ( 8 hrs in 24 ) 5w (x3) High Temperature LED Lights Off - In Standby ( 16 hrs in 24 )				
Kubus				kwh/year	3,198.86
				Electric cost / year - 18.000 p/kWh	<b>£575.79</b>
				CO2 emissions in tons/year (0.281 kg CO2 per kwh)	0.90

## Kubus Assisted Service Heated Patisserie (Rear Doors)

Model	Component	Rating (W)	kW/hour	kWh/day	kWh/year
KPH6AS Assisted Service Heated Patisserie (Rear Doors)	Measured average w per hour ( Using Qualistar CA 8335 )	2033	2.033	16.264	5,936.36
	<b>Test Conditions As Below :</b> Heater Elements On ( 8 hrs in 24 ) 500w(x2) 1000w(x1)				
Kubus	Heater Elements Off - Reached Temp.(3.85 hrs in 8)	2000	2	7.7	2,810.50
	Heater Elements Off - In Standby ( 16 hrs in 24 ) Hot Air Recirculation Fan On ( 8 hrs in 24 ) 18w (x1) Hot Air Recirculation Fan Off - In Standby ( 16 hrs in 24 ) High Temperature LED Lights On ( 8 hrs in 24 ) 5w (x3) High Temperature LED Lights Off - In Standby ( 16 hrs in 24 )				
				kwh/year	3,125.86
				Electric cost / year - 18.000 p/kWh	<b>£562.65</b>
				CO2 emissions in tons/year (0.281 kg CO2 per kwh)	0.88

Model	Component	Rating (W)	kW/hour	kWh/day	kWh/year
KPH9 Self Help Heated Patisserie (Rear Doors)	Measured average w per hour ( Using Qualistar CA 8335 )	2848	2.848	22.784	8,316.16
	<b>Test Conditions As Below :</b> Heater Elements On ( 8 hrs in 24 ) 500w(x2) 1000w(x1) 1300w(x1)				
KPH9FB Self Help Heated Patisserie (Fixed Back)	Heater Elements Off - Reached Temp.(4 hrs in 8)	2800	2.8	11.2	4,088.00
	Heater Elements Off - In Standby ( 16 hrs in 24 ) Hot Air Recirculation Fan On ( 8 hrs in 24 ) 18w Hot Air Recirculation Fan Off - In Standby ( 16 hrs in 24 ) High Temperature LED Lights On ( 8 hrs in 24 ) 10w (x3) High Temperature LED Lights Off - In Standby ( 16 hrs in 24 )				
Kubus				kwh/year	4,228.16
				Electric cost / year - 18.000 p/kWh	<b>£761.07</b>
				CO2 emissions in tons/year (0.281 kg CO2 per kwh)	1.19

Model	Component	Rating (W)	kW/hour	kWh/day	kWh/year
KPH9AS Assisted Service Heated Patisserie (Rear Doors)	Measured average w per hour ( Using Qualistar CA 8335 )	2848	2.848	22.784	8,316.16
	<b>Test Conditions As Below :</b> Heater Elements On ( 8 hrs in 24 ) 500w(x2) 1000w(x1)				
Kubus	Heater Elements Off - Reached Temp.(4.2 hrs in 8)	2800	2.8	11.76	4,292.40
	Heater Elements Off - In Standby ( 16 hrs in 24 ) Hot Air Recirculation Fan On ( 8 hrs in 24 ) 18w (x1) Hot Air Recirculation Fan Off - In Standby ( 16 hrs in 24 ) High Temperature LED Lights On ( 8 hrs in 24 ) 5w (x3) High Temperature LED Lights Off - In Standby ( 16 hrs in 24 )				
				kwh/year	4,023.76
				Electric cost / year - 18.000 p/kWh	<b>£724.28</b>
				CO2 emissions in tons/year (0.281 kg CO2 per kwh)	1.13

Model	Component	Rating (W)	kW/hour	kWh/day	kWh/year
KPH12 Self Help Heated Patisserie (Rear Doors)	Measured average w per hour ( Using Qualistar CA 8335 )	2881	2.881	23.048	8,412.52
	<b>Test Conditions As Below :</b> Heater Elements On ( 8 hrs in 24 ) 500w(x1) 1000w(x1) 1300w(x1)				
KPH12FB Self Help Heated Patisserie (Fixed Back)	Heater Elements Off - Reached Temp.(3.75 hrs in 8)	2800	2.8	10.5	3,832.50
	Heater Elements Off - In Standby ( 16 hrs in 24 ) Hot Air Recirculation Fan On ( 8 hrs in 24 ) 18w (2x) Hot Air Recirculation Fan Off - In Standby ( 16 hrs in 24 ) High Temperature LED Lights On ( 8 hrs in 24 ) 15w (x3) High Temperature LED Lights Off - In Standby ( 16 hrs in 24 )				
Kubus				kwh/year	4,580.02
				Electric cost / year - 18.000 p/kWh	<b>£824.40</b>
				CO2 emissions in tons/year (0.281 kg CO2 per kwh)	1.29

Model	Component	Rating (W)	kW/hour	kWh/day	kWh/year
KPH12AS Assisted Service Heated Patisserie (Rear Doors)	Measured average w per hour ( Using Qualistar CA 8335 )	2881	2.881	23.048	8,412.52
	<b>Test Conditions As Below :</b> Heater Elements On ( 8 hrs in 24 ) 500w(x1) 1000w(x1) 1300w(x1)				
Kubus	Heater Elements Off - Reached Temp.(3.95 hrs in 8)	2800	2.8	11.06	4,036.90
	Heater Elements Off - In Standby ( 16 hrs in 24 ) Hot Air Recirculation Fan On ( 8 hrs in 24 ) 18w (2x) Hot Air Recirculation Fan Off - In Standby ( 16 hrs in 24 ) High Temperature LED Lights On ( 8 hrs in 24 ) 15w (x3) High Temperature LED Lights Off - In Standby ( 16 hrs in 24 )				
				kwh/year	4,375.62
				Electric cost / year - 18.000 p/kWh	<b>£787.61</b>
				CO2 emissions in tons/year (0.281 kg CO2 per kwh)	1.23