

# Energy Facts - Glide Wet/ Dry Heat B. Marie & Hotcupboard (No Gantry/ With Heated Gantry)



**ASSUMPTIONS:** Heated 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.

## Glide Wet/ Dry Heat B. Marie & Hotcupboard (With Heated Gantry)

13 A					
Model	Component	Rating (W)	kWh/hour	kWh/day	kWh/year
GHBMW2 + GHG2 Glide	Measured average w per hour ( Using Qualistar CA 8335 )	2826	2.826	22.608	8,251.92
<b>Test Conditions As Below :</b>					
Wet Or Dry B. Marie + Hot Cupboard (+ Hot Gantry)	Wet B. Marie Element On ( 8 hrs in 24 ) 1500w Wet B. Marie Element Off - Reached Temp. ( 3.9 hrs in 8 ) Hot Cupboard Fan On ( 8 hrs in 24 ) 26w Hot Cupboard Fan Off - In Standby ( 16 hrs in 24 )	1500	1.5	5.85	2,135.25
GHBMW2 + GHIG2 Glide	Hot Cupboard Element On ( 8 hrs in 24 ) 900w Hot Cupboard Element Off - Reached Temp. ( 3.4 hrs in 8 ) Hot Cupboard Element Off - In Standby ( 16 hrs in 24 ) Quartz Infra Red Lamps On ( 8 hrs in 24 ) 400w Quartz Infra Red Lamps Off - In Standby ( 16 hrs in 24 ) 400w	900	0.9	3.06	1,116.90
					kWh/year 4,999.77
					Electric cost / year - 18.000 p/kWh £899.96
					CO2 emissions in tons/year (0.281 kg CO2 per kWh) 1.40

## Glide Wet/ Dry Heat B. Marie & Hotcupboard (No Gantry)

13 A					
Model	Component	Rating (W)	kWh/hour	kWh/day	kWh/year
GHBMW2 Glide	Measured average w per hour ( Using Qualistar CA 8335 )	2426	2.426	19.408	7,083.92
<b>Test Conditions As Below :</b>					
Wet Or Dry B. Marie + Hot Cupboard (No Gantry)	Wet B. Marie Element On ( 8 hrs in 24 ) 1500w Wet B. Marie Element Off - Reached Temp. ( 3.9 hrs in 8 ) Hot Cupboard Fan On ( 8 hrs in 24 ) 26w Hot Cupboard Fan Off - In Standby ( 16 hrs in 24 )	1500	1.5	5.85	2,135.25
	Hot Cupboard Element On ( 8 hrs in 24 ) 900w Hot Cupboard Element Off - Reached Temp. ( 3.4 hrs in 8 ) Hot Cupboard Element Off - In Standby ( 16 hrs in 24 )	900	0.9	3.06	1,116.90
					kWh/year 3,831.77
					Electric cost / year - 18.000 p/kWh £689.72
					CO2 emissions in tons/year (0.281 kg CO2 per kWh) 1.08

Cost saving / year (£) Using No Gantry Model **£210.24**  
 Cost saving / year (%) Using No Gantry Model **23.36%**  
 CO2 emissions saving / year (tons) **0.33**

## 16 A (Commando Plug Fitted)

Model	Component	Rating (W)	kWh/hour	kWh/day	kWh/year
GHBMW3 + GHG3 Glide	Measured average w per hour ( Using Qualistar CA 8335 )	3526	3.526	28.208	10,295.92
<b>Test Conditions As Below :</b>					
Wet Or Dry B. Marie + Hot Cupboard (+ Hot Gantry)	Wet B. Marie Element On ( 8 hrs in 24 ) 2000w Wet B. Marie Element Off - Reached Temp. ( 4 hrs in 8 ) Hot Cupboard Fan On ( 8 hrs in 24 ) 26w Hot Cupboard Fan Off - In Standby ( 16 hrs in 24 )	2000	2	8	2,920.00
GHBMW3 + GHIG3 Glide	Hot Cupboard Element On ( 8 hrs in 24 ) 900w Hot Cupboard Element Off - Reached Temp. ( 3.4 hrs in 8 ) Hot Cupboard Element Off - In Standby ( 16 hrs in 24 ) Quartz Infra Red Lamps On ( 8 hrs in 24 ) 600w Quartz Infra Red Lamps Off - In Standby ( 16 hrs in 24 ) 600w	900	0.9	3.06	1,116.90
					kWh/year 6,259.02
					Electric cost / year - 18.000 p/kWh £1,126.62
					CO2 emissions in tons/year (0.281 kg CO2 per kWh) 1.76

Model	Component	Rating (W)	kWh/hour	kWh/day	kWh/year
GHBMW3 Glide	Measured average w per hour ( Using Qualistar CA 8335 )	2926	2.926	23.408	8,543.92
<b>Test Conditions As Below :</b>					
Wet Or Dry B. Marie + Hot Cupboard (No Gantry)	Wet B. Marie Element On ( 8 hrs in 24 ) 2000w Wet B. Marie Element Off - Reached Temp. ( 4 hrs in 8 ) Hot Cupboard Fan On ( 8 hrs in 24 ) 26w Hot Cupboard Fan Off - In Standby ( 16 hrs in 24 )	2000	2	8	2,920.00
	Hot Cupboard Element On ( 8 hrs in 24 ) 900w Hot Cupboard Element Off - Reached Temp. ( 3.4 hrs in 8 ) Hot Cupboard Element Off - In Standby ( 16 hrs in 24 )	900	0.9	3.06	1,116.90
					kWh/year 4,507.02
					Electric cost / year - 18.000 p/kWh £811.26
					CO2 emissions in tons/year (0.281 kg CO2 per kWh) 1.27

Cost saving / year (£) Using No Gantry Model **£315.36**  
 Cost saving / year (%) Using No Gantry Model **27.99%**  
 CO2 emissions saving / year (tons) **0.49**

## 32 A (Commando Plug Fitted)

Model	Component	Rating (W)	kWh/hour	kWh/day	kWh/year
GHBMW4 + GHG4 Glide	Measured average w per hour ( Using Qualistar CA 8335 )	3726	3.726	29.808	10,879.92
<b>Test Conditions As Below :</b>					
Wet Or Dry B. Marie + Hot Cupboard (+ Hot Gantry)	Wet B. Marie Element On ( 8 hrs in 24 ) 2000w Wet B. Marie Element Off - Reached Temp. ( 3.5 hrs in 8 ) Hot Cupboard Fan On ( 8 hrs in 24 ) 26w Hot Cupboard Fan Off - In Standby ( 16 hrs in 24 )	2000	2	7	2,555.00
GHBMW4 + GHIG4 Glide	Hot Cupboard Element On ( 8 hrs in 24 ) 900w Hot Cupboard Element Off - Reached Temp. ( 3 hrs in 8 ) Hot Cupboard Element Off - In Standby ( 16 hrs in 24 ) Quartz Infra Red Lamps On ( 8 hrs in 24 ) 800w Quartz Infra Red Lamps Off - In Standby ( 16 hrs in 24 ) 800w	900	0.9	2.7	985.50
					kWh/year 7,339.42
					Electric cost / year - 18.000 p/kWh £1,321.10
					CO2 emissions in tons/year (0.281 kg CO2 per kWh) 2.06

Model	Component	Rating (W)	kWh/hour	kWh/day	kWh/year
GHBMW4 Glide	Measured average w per hour ( Using Qualistar CA 8335 )	2926	2.926	23.408	8,543.92
<b>Test Conditions As Below :</b>					
Wet Or Dry B. Marie + Hot Cupboard (No Gantry)	Wet B. Marie Element On ( 8 hrs in 24 ) 2000w Wet B. Marie Element Off - Reached Temp. ( 3.5 hrs in 8 ) Hot Cupboard Fan On ( 8 hrs in 24 ) 26w Hot Cupboard Fan Off - In Standby ( 16 hrs in 24 )	2000	2	7	2,555.00
	Hot Cupboard Element On ( 8 hrs in 24 ) 900w Hot Cupboard Element Off - Reached Temp. ( 3 hrs in 8 ) Hot Cupboard Element Off - In Standby ( 16 hrs in 24 )	900	0.9	2.7	985.50
					kWh/year 5,003.42
					Electric cost / year - 18.000 p/kWh £900.62
					CO2 emissions in tons/year (0.281 kg CO2 per kWh) 1.41

Cost saving / year (£) Using No Gantry Model **£420.48**  
 Cost saving / year (%) Using No Gantry Model **31.83%**  
 CO2 emissions saving / year (tons) **0.66**

## 32 A (Commando Plug Fitted)

Model	Component	Rating (W)	kWh/hour	kWh/day	kWh/year
GHBMW5 + GHG5 Glide	Measured average w per hour ( Using Qualistar CA 8335 )	3926	3.926	31.408	11,463.92
<b>Test Conditions As Below :</b>					
Wet Or Dry B. Marie + Hot Cupboard (+ Hot Gantry)	Wet B. Marie Element On ( 8 hrs in 24 ) 2000w Wet B. Marie Element Off - Reached Temp. ( 3 hrs in 8 ) Hot Cupboard Fan On ( 8 hrs in 24 ) 26w Hot Cupboard Fan Off - In Standby ( 16 hrs in 24 )	2000	2	6	2,190.00
GHBMW5 + GHIG5 Glide	Hot Cupboard Element On ( 8 hrs in 24 ) 900w Hot Cupboard Element Off - Reached Temp. ( 2 hrs in 8 ) Hot Cupboard Element Off - In Standby ( 16 hrs in 24 ) Quartz Infra Red Lamps On ( 8 hrs in 24 ) 1000w Quartz Infra Red Lamps Off - In Standby ( 16 hrs in 24 ) 1000w	900	0.9	1.8	657.00
					kWh/year 8,616.92
					Electric cost / year - 18.000 p/kWh £1,551.05
					CO2 emissions in tons/year (0.281 kg CO2 per kWh) 2.42

Model	Component	Rating (W)	kWh/hour	kWh/day	kWh/year
GHBMW5 Glide	Measured average w per hour ( Using Qualistar CA 8335 )	2926	2.926	23.408	8,543.92
<b>Test Conditions As Below :</b>					
Wet Or Dry B. Marie + Hot Cupboard (No Gantry)	Wet B. Marie Element On ( 8 hrs in 24 ) 2000w Wet B. Marie Element Off - Reached Temp. ( 3 hrs in 8 ) Hot Cupboard Fan On ( 8 hrs in 24 ) 26w Hot Cupboard Fan Off - In Standby ( 16 hrs in 24 )	2000	2	6	2,190.00
	Hot Cupboard Element On ( 8 hrs in 24 ) 900w Hot Cupboard Element Off - Reached Temp. ( 2 hrs in 8 ) Hot Cupboard Element Off - In Standby ( 16 hrs in 24 )	900	0.9	1.8	657.00
					kWh/year 5,696.92
					Electric cost / year - 18.000 p/kWh £1,025.45
					CO2 emissions in tons/year (0.281 kg CO2 per kWh) 1.60

Cost saving / year (£) Using No Gantry Model **£525.60**  
 Cost saving / year (%) Using No Gantry Model **33.89%**  
 CO2 emissions saving / year (tons) **0.82**