

Energy Facts - Glide 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 - 21.000p/kWh - Average Business Rate - June 2025.

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

Model	Component	Rating (W)	kWh/hour	kWh/day	kWh/year
GHBM2 + GHG2 Glide	Measured average w per hour (Using Qualistar CA 8335)	2076	2.076	16.608	6,061.92
(Dry B. Marie + Hot Cupbd). (+ Hot Gantry)	Test Conditions As Below : B. Marie Element On (8 hrs in 24) 750w B. Marie Element Off - Reached Temp. (3.4 hrs in 8) Hot Cupboard Fan On (8 hrs in 24) 26w Hot Cupboard Fan Off - In Standby (16 hrs in 24) Hot Cupboard Element On (8 hrs in 24) 900w	750	0.75	2.55	930.75
GHBM2 + GHIG2 Glide	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 4,014.27
					Electric cost / year - 21.000 p/kWh £843.00
					CO2 emissions in tons/year (0.281 kg CO2 per kwh) 1.13

Model	Component	Rating (W)	kWh/hour	kWh/day	kWh/year
GHBM3 + GHG3 Glide	Measured average w per hour (Using Qualistar CA 8335)	2326	2.326	18.608	6,791.92
(Dry B. Marie + Hot Cupbd). (+ Hot Gantry)	Test Conditions As Below : B. Marie Element On (8 hrs in 24) 800w 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) Hot Cupboard Element On (8 hrs in 24) 900w	800	0.8	2.4	876.00
GHBM3 + GHIG3 Glide	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) 600w Quartz Infra Red Lamps Off - In Standby (16 hrs in 24) 600w	900	0.9	2.7	985.50
					kwh/year 4,930.42
					Electric cost / year - 21.000 p/kWh £1,035.39
					CO2 emissions in tons/year (0.281 kg CO2 per kwh) 1.39

Model	Component	Rating (W)	kWh/hour	kWh/day	kWh/year
GHBM4 + GHG4 Glide	Measured average w per hour (Using Qualistar CA 8335)	2526	2.526	20.208	7,375.92
(Dry B. Marie + Hot Cupbd). (+ Hot Gantry)	Test Conditions As Below : B. Marie Element On (8 hrs in 24) 800w B. Marie Element Off - Reached Temp. (2.3 hrs in 8) Hot Cupboard Fan On (8 hrs in 24) 26w Hot Cupboard Fan Off - In Standby (16 hrs in 24) Hot Cupboard Element On (8 hrs in 24) 900w	800	0.8	1.84	671.60
GHBM4 + GHIG4 Glide	Hot Cupboard Element Off - Reached Temp. (2.3 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	2.07	755.55
					kwh/year 5,948.77
					Electric cost / year - 21.000 p/kWh £1,249.24
					CO2 emissions in tons/year (0.281 kg CO2 per kwh) 1.67

Model	Component	Rating (W)	kWh/hour	kWh/day	kWh/year
GHBM5 + GHG5 Glide	Measured average w per hour (Using Qualistar CA 8335)	3226	3.226	25.808	9,419.92
(Dry B. Marie + Hot Cupbd). (+ Hot Gantry)	Test Conditions As Below : B. Marie Element On (8 hrs in 24) 800w B. Marie Element Off - Reached Temp. (2 hrs in 8) Hot Cupboard Fan On (8 hrs in 24) 26w Hot Cupboard Fan Off - In Standby (16 hrs in 24) Hot Cupboard Element On (8 hrs in 24) 900w	800	0.8	1.6	584.00
GHBM5 + GHIG5 Glide	Hot Cupboard Element Off - Reached Temp. (2.3 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	1400	1.4	2.8	1,022.00
					kwh/year 7,813.92
					Electric cost / year - 21.000 p/kWh £1,640.92
					CO2 emissions in tons/year (0.281 kg CO2 per kwh) 2.20

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

Model	Component	Rating (W)	kWh/hour	kWh/day	kWh/year
GHBM2 Glide	Measured average w per hour (Using Qualistar CA 8335)	1676	1.676	13.408	4,893.92
(Dry B. Marie + Hot Cupbd). (No Gantry)	Test Conditions As Below : B. Marie Element On (8 hrs in 24) 750w B. Marie Element Off - Reached Temp. (4.4 hrs in 8) Hot Cupboard Fan On (8 hrs in 24) 26w Hot Cupboard Fan Off - In Standby (16 hrs in 24) Hot Cupboard Element On (8 hrs in 24) 900w Hot Cupboard Element Off - Reached Temp. (4.4 hrs in 8) Hot Cupboard Element Off - In Standby (16 hrs in 24)	750	0.75	3.3	1,204.50
					kwh/year 2,244.02
					Electric cost / year - 21.000 p/kWh £471.24
					CO2 emissions in tons/year (0.281 kg CO2 per kwh) 0.63

Cost saving / year (£) Using No Gantry Model **£371.75**
Cost saving / year (%) Using No Gantry Model **44.10%**
CO2 emissions saving / year (tons) **0.50**

Model	Component	Rating (W)	kWh/hour	kWh/day	kWh/year
GHBM3 Glide	Measured average w per hour (Using Qualistar CA 8335)	2826	2.826	22.608	8,251.92
(Dry B. Marie + Hot Cupbd). (No Gantry)	Test Conditions As Below : B. Marie Element On (8 hrs in 24) 800w 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) 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)	800	0.8	2.4	876.00
					kwh/year 6,390.42
					Electric cost / year - 21.000 p/kWh £1,341.99
					CO2 emissions in tons/year (0.281 kg CO2 per kwh) 1.80

Cost saving / year (£) Using No Gantry Model **-£306.60**
Cost saving / year (%) Using No Gantry Model **-29.61%**
CO2 emissions saving / year (tons) **-0.41**

Model	Component	Rating (W)	kWh/hour	kWh/day	kWh/year
GHBM4 Glide	Measured average w per hour (Using Qualistar CA 8335)	1726	1.726	13.808	5,039.92
(Dry B. Marie + Hot Cupbd). (No Gantry)	Test Conditions As Below : B. Marie Element On (8 hrs in 24) 800w 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) 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)	800	0.8	1.84	671.60
					kwh/year 3,612.77
					Electric cost / year - 21.000 p/kWh £758.68
					CO2 emissions in tons/year (0.281 kg CO2 per kwh) 1.02

Cost saving / year (£) Using No Gantry Model **£490.56**
Cost saving / year (%) Using No Gantry Model **39.27%**
CO2 emissions saving / year (tons) **0.66**

Model	Component	Rating (W)	kWh/hour	kWh/day	kWh/year
GHBM5 Glide	Measured average w per hour (Using Qualistar CA 8335)	2226	2.226	17.808	6,499.92
(Dry B. Marie + Hot Cupbd). (No Gantry)	Test Conditions As Below : B. Marie Element On (8 hrs in 24) 800w B. Marie Element Off - Reached Temp. (2 hrs in 8) Hot Cupboard Fan On (8 hrs in 24) 26w Hot Cupboard Fan Off - In Standby (16 hrs in 24) Hot Cupboard Element On (8 hrs in 24) 1400w Hot Cupboard Element Off - Reached Temp. (2 hrs in 8) Hot Cupboard Element Off - In Standby (16 hrs in 24)	800	0.8	1.6	584.00
					kwh/year 4,893.92
					Electric cost / year - 21.000 p/kWh £1,027.72
					CO2 emissions in tons/year (0.281 kg CO2 per kwh) 1.38

Cost saving / year (£) Using No Gantry Model **£613.20**
Cost saving / year (%) Using No Gantry Model **37.37%**
CO2 emissions saving / year (tons) **0.82**