Energy Facts - Glide (Wall Sited) 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 - 21.000p/kWh - Average Business Rate - June 2025.

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

16 A (Commando Plug Fitted)

Model	Component	Rating (W)	kW/hour	kWh/day	kWh/year
GWSHBMW2 + GWSHG2 (Wall Sited) Wet Or Dry B. Marie + Hot Cupboard (+ Hot Gantry) Glide	Measured average w per hour (Using Qualistar CA 8335)	2826	2.826	22.608	8,251.92
	Test Conditions As Below :				
	Wet B.Marie Element On (8 hrs in 24) 1500w				
	Wet B. Marie Element Off - Reached Temp. (3.9 hrs in 8)	1500	1.5	5.85	2,135.25
	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. (3.4 hrs in 8)	900	0.9	3.06	1,116.90
	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				
				kwh/year	4,999.77
				Electric cost / year - 21.000 p/kWh	**£1,049.95**
				CO2 emissions in tons/year *(0.281 kg CO2 per kwh)*	1.40

16 A (Commando Plug Fitted)

Model	Component	Rating (W)	kW/hour	kWh/day	kWh/year
GWSHBMW3 + GWSHG3 (Wall Sited) Wet Or Dry B. Marie + Hot Cupboard (+ Hot Gantry) Glide	Measured average w per hour (Using Qualistar CA 8335)	3126	3.126	25.008	9,127.92
	Test Conditions As Below :				
	Wet B.Marie Element On (8 hrs in 24) 1600w				
	Wet B. Marie Element Off - Reached Temp. (4 hrs in 8)	1600	1.6	6.4	2,336.00
	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. (3.4 hrs in 8)	900	0.9	3.06	1,116.90
	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				
				kwh/year	5,675.02
				Electric cost / year - 21.000 p/kWh	**£1,191.75**
				CO2 emissions in tons/year *(0.281 kg CO2 per kwh)*	1.59

16 A (Commando Plug Fitted)

Model	Component	Rating (W)	kW/hour	kWh/day	kWh/year
GWSHBMW4 + GWSHG4 (Wall Sited) Wet Or Dry B. Marie + Hot Cupboard (+ Hot Gantry) Glide	Measured average w per hour (Using Qualistar CA 8335)	3326	3.326	26.608	9,711.92
	Test Conditions As Below :				
	Wet B.Marie Element On (8 hrs in 24) 1600w				
	Wet B. Marie Element Off - Reached Temp. (3.5 hrs in 8)	1600	1.6	5.6	2,044.00
	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)	900	0.9	2.7	985.50
	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				
				kwh/year	6,682.42
				Electric cost / year - 21.000 p/kWh	**£1,403.31**
				CO2 emissions in tons/year *(0.281 kg CO2 per kwh)*	1.88

32 A (Commando Plug Fitted)

Model	Component	Rating (W)	kW/hour	kWh/day	kWh/year
GWSHBMW5 + GWSHG5 (Wall Sited) Wet Or Dry B. Marie + Hot Cupboard (+ Hot Gantry) Glide	Measured average w per hour (Using Qualistar CA 8335)	4026	4.026	32.208	11,755.92
	Test Conditions As Below :				
	Wet B.Marie Element On (8 hrs in 24) 1600w				
	Wet B. Marie Element Off - Reached Temp. (3 hrs in 8)	1600	1.6	4.8	1,752.00
	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)	1400	1.4	2.8	1,022.00
	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				
				kwh/year	8,981.92
				Electric cost / year - 21.000 p/kWh	**£1,886.20**
				CO2 emissions in tons/year *(0.281 kg CO2 per kwh)*	2.52

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

13 A

Model	Component	Rating (W)	kW/hour	kWh/day	kWh/year
GWSHBMW2 (Wall Sited) Wet Or Dry B. Marie + Hot Cupboard (No Gantry) Glide	Measured average w per hour (Using Qualistar CA 8335)	2426	2.426	19.408	7,083.92
	Test Conditions As Below :				
	Wet B.Marie Element On (8 hrs in 24) 1500w				
	Wet B. Marie Element Off - Reached Temp. (3.9 hrs in 8)	1500	1.5	5.85	2,135.25
	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. (3.4 hrs in 8)	900	0.9	3.06	1,116.90
	Hot Cupboard Element Off - In Standby (16 hrs in 24)				
				kwh/year	3,831.77
				Electric cost / year - 21.000 p/kWh	**£804.67**
				CO2 emissions in tons/year *(0.281 kg CO2 per kwh)*	1.08

Cost saving / year (£) Using No Gantry Model	**£245.28**
Cost saving / year (%) Using No Gantry Model	**23.36%**
CO2 emissions saving / year (tons)	**0.33**

13 A

Model	Component	Rating (W)	kW/hour	kWh/day	kWh/year
GWSHBMW3 (Wall Sited) Wet Or Dry B. Marie + Hot Cupboard (No Gantry) Glide	Measured average w per hour (Using Qualistar CA 8335)	2526	2.526	20.208	7,375.92
	Test Conditions As Below :				
	Wet B.Marie Element On (8 hrs in 24) 1600w				
	Wet B. Marie Element Off - Reached Temp. (4 hrs in 8)	1600	1.6	6.4	2,336.00
	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. (3.4 hrs in 8)	900	0.9	3.06	1,116.90
	Hot Cupboard Element Off - In Standby (16 hrs in 24)				
				kwh/year	3,923.02
				Electric cost / year - 21.000 p/kWh	**£823.83**
				CO2 emissions in tons/year *(0.281 kg CO2 per kwh)*	1.10

Cost saving / year (£) Using No Gantry Model	**£367.92**
Cost saving / year (%) Using No Gantry Model	**30.87%**
CO2 emissions saving / year (tons)	**0.49**

13 A

Model	Component	Rating (W)	kW/hour	kWh/day	kWh/year
GWSHBMW4 (Wall Sited) Wet Or Dry B. Marie + Hot Cupboard (No Gantry) Glide	Measured average w per hour (Using Qualistar CA 8335)	2526	2.526	20.208	7,375.92
	Test Conditions As Below :				
	Wet B.Marie Element On (8 hrs in 24) 1600w				
	Wet B. Marie Element Off - Reached Temp. (3.5 hrs in 8)	1600	1.6	5.6	2,044.00
	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)	900	0.9	2.7	985.50
	Hot Cupboard Element Off - In Standby (16 hrs in 24)				
				kwh/year	4,346.42
				Electric cost / year - 21.000 p/kWh	**£912.75**
				CO2 emissions in tons/year *(0.281 kg CO2 per kwh)*	1.22

Cost saving / year (£) Using No Gantry Model	**£490.56**
Cost saving / year (%) Using No Gantry Model	**34.96%**
CO2 emissions saving / year (tons)	**0.66**

16 A (Commando Plug Fitted)

Model	Component	Rating (W)	kW/hour	kWh/day	kWh/year
GWSHBMW5 (Wall Sited) Wet Or Dry B. Marie + Hot Cupboard (No Gantry) Glide	Measured average w per hour (Using Qualistar CA 8335)	3026	3.026	24.208	8,835.92
	Test Conditions As Below :				
	Wet B.Marie Element On (8 hrs in 24) 1600w				
	Wet B. Marie Element Off - Reached Temp. (3 hrs in 8)	1600	1.6	4.8	1,752.00
	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)	1400	1.4	2.8	1,022.00
	Hot Cupboard Element Off - In Standby (16 hrs in 24)				
				kwh/year	6,061.92
				Electric cost / year - 21.000 p/kWh	**£1,273.00**
				CO2 emissions in tons/year *(0.281 kg CO2 per kwh)*	1.70

Cost saving / year (£) Using No Gantry Model	**£613.20**
Cost saving / year (%) Using No Gantry Model	**32.51%**
CO2 emissions saving / year (tons)	**0.82**