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 - 18.000p/kWh - Average Business Rate - June 2023.

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

13 A

Model	Component	Rating (W)	kW/hour	kWh/day	kWh/year
GWSHBMW2 + GWSHG2	Measured average w per hour (Using Qualistar CA 8335)	2826	2.826	22.608	8,251.92
(Wall Sited)	**Test Conditions As Below :**				
Wet Or Dry B. Marie +	Wet B.Marie Element On (8 hrs in 24) 1500w				
Hot Cupboard	Wet B. Marie Element Off - Reached Temp. (3.9 hrs in 8)	1500	1.5	5.85	2,135.25
(+ Hot Gantry)	Hot Cupboard Fan On (8 hrs in 24) 26w				
	Hot Cupboard Fan Off - In Standby (16 hrs in 24)				
Glide	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 - 18.000 p/kWh **£899.96**
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	Measured average w per hour (Using Qualistar CA 8335)	3526	3.526	28.208	10,295.92
(Wall Sited)	**Test Conditions As Below :**				
Wet Or Dry B. Marie +	Wet B.Marie Element On (8 hrs in 24) 2000w				
Hot Cupboard	Wet B. Marie Element Off - Reached Temp. (4 hrs in 8)	2000	2	8	2,920.00
(+ Hot Gantry)	Hot Cupboard Fan On (8 hrs in 24) 26w				
	Hot Cupboard Fan Off - In Standby (16 hrs in 24)				
Glide	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 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

32 A (Commando Plug Fitted)

Model	Component	Rating (W)	kW/hour	kWh/day	kWh/year
GWSHBMW4 + GWSHG4	Measured average w per hour (Using Qualistar CA 8335)	3726	3.726	29.808	10,879.92
(Wall Sited)	**Test Conditions As Below :**				
Wet Or Dry B. Marie +	Wet B.Marie Element On (8 hrs in 24) 2000w				
Hot Cupboard	Wet B. Marie Element Off - Reached Temp. (3.5 hrs in 8)	2000	2	7	2,555.00
(+ Hot Gantry)	Hot Cupboard Fan On (8 hrs in 24) 26w				
	Hot Cupboard Fan Off - In Standby (16 hrs in 24)				
Glide	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 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

32 A (Commando Plug Fitted)

Model	Component	Rating (W)	kW/hour	kWh/day	kWh/year
GWSHBMW5 + GWSHG5	Measured average w per hour (Using Qualistar CA 8335)	3926	3.926	31.408	11,463.92
(Wall Sited)	**Test Conditions As Below :**				
Wet Or Dry B. Marie +	Wet B.Marie Element On (8 hrs in 24) 2000w				
Hot Cupboard	Wet B. Marie Element Off - Reached Temp. (3 hrs in 8)	2000	2	6	2,190.00
(+ Hot Gantry)	Hot Cupboard Fan On (8 hrs in 24) 26w				
	Hot Cupboard Fan Off - In Standby (16 hrs in 24)				
Glide	Hot Cupboard Element On (8 hrs in 24) 900w				
	Hot Cupboard Element Off - Reached Temp. (2 hrs in 8)	900	0.9	1.8	657.00
	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 8,616.92
Electric cost / year - 18.000 p/kWh **£1,551.05**
CO2 emissions in tons/year *(0.281 kg CO2 per kwh)* 2.42

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

13 A

Model	Component	Rating (W)	kW/hour	kWh/day	kWh/year
GWSHBMW2	Measured average w per hour (Using Qualistar CA 8335)	2426	2.426	19.408	7,083.92
(Wall Sited)	**Test Conditions As Below :**				
Wet Or Dry B. Marie +	Wet B.Marie Element On (8 hrs in 24) 1500w				
Hot Cupboard	Wet B. Marie Element Off - Reached Temp. (3.9 hrs in 8)	1500	1.5	5.85	2,135.25
(No Gantry)	Hot Cupboard Fan On (8 hrs in 24) 26w				
	Hot Cupboard Fan Off - In Standby (16 hrs in 24)				
Glide	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 - 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**

13 A

Model	Component	Rating (W)	kW/hour	kWh/day	kWh/year
GWSHBMW3	Measured average w per hour (Using Qualistar CA 8335)	2926	2.926	23.408	8,543.92
(Wall Sited)	**Test Conditions As Below :**				
Wet Or Dry B. Marie +	Wet B.Marie Element On (8 hrs in 24) 2000w				
Hot Cupboard	Wet B. Marie Element Off - Reached Temp. (4 hrs in 8)	2000	2	8	2,920.00
(No Gantry)	Hot Cupboard Fan On (8 hrs in 24) 26w				
	Hot Cupboard Fan Off - In Standby (16 hrs in 24)				
Glide	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 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**

13 A

Model	Component	Rating (W)	kW/hour	kWh/day	kWh/year
GWSHBMW4	Measured average w per hour (Using Qualistar CA 8335)	2926	2.926	23.408	8,543.92
(Wall Sited)	**Test Conditions As Below :**				
Wet Or Dry B. Marie +	Wet B.Marie Element On (8 hrs in 24) 2000w				
Hot Cupboard	Wet B. Marie Element Off - Reached Temp. (3.5 hrs in 8)	2000	2	7	2,555.00
(No Gantry)	Hot Cupboard Fan On (8 hrs in 24) 26w				
	Hot Cupboard Fan Off - In Standby (16 hrs in 24)				
Glide	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 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**

13 A

Model	Component	Rating (W)	kW/hour	kWh/day	kWh/year
GWSHBMW5	Measured average w per hour (Using Qualistar CA 8335)	2926	2.926	23.408	8,543.92
(Wall Sited)	**Test Conditions As Below :**				
Wet Or Dry B. Marie +	Wet B.Marie Element On (8 hrs in 24) 2000w				
Hot Cupboard	Wet B. Marie Element Off - Reached Temp. (3 hrs in 8)	2000	2	6	2,190.00
(No Gantry)	Hot Cupboard Fan On (8 hrs in 24) 26w				
	Hot Cupboard Fan Off - In Standby (16 hrs in 24)				
Glide	Hot Cupboard Element On (8 hrs in 24) 900w				
	Hot Cupboard Element Off - Reached Temp. (2 hrs in 8)	900	0.9	1.8	657.00
	Hot Cupboard Element Off - In Standby (16 hrs in 24)				

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**