Energy Facts - Glide (Wall Sited) Ceran Glass Hotplate & Hot Cupbd. (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) Heated Ceran Glass Hotplate & Hotcupboard (With Heated Gantry)

Model	Component	Rating (W)	kW/hour	kWh/day	kWh/year
GWSHP2 + GWSHG2	Measured average w per hour (Using Qualistar CA 8335)	1686	1.686	13.488	4,923.12
(Wall Sited)	**Test Conditions As Below :**				
Hotplate + Hot Cupbd.	Ceran Hotplate Surface On (8 hrs in 24) 360w				
+ Hot Gantry)	Ceran Hotplate Surface Off - In Standby (16 hrs in 24)				
	Hot Cupboard Fan On (8 hrs in 24) 26w				
	Hot Cupboard Element Off - Reached Temp. (3.4 hrs in 8)	900	0.9	3.06	1,116.90
(Glide)	Hot Cupboard Fan Off - In Standby (16 hrs in 24)				
	Hot Cupboard Element On (8 hrs in 24) 900w				
	Hot Cupboard Fan 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	3,806.22
				Electric cost / year - 21.000 p/kWh	**£799.31**
				CO2 emissions in tons/year *(0.281 kg CO2 per kwh)*	1.07

Glide (Wall Sited) Heated Ceran Glass Hotplate & Hotcupboard (No Gantry)

Model	Component	Rating (W)	kW/hour	kWh/day	kWh/year
GWSHP2	Measured average w per hour (Using Qualistar CA 8335)	1286	1.286	10.288	3,755.12
(Wall Sited)	**Test Conditions As Below :**				
Hotplate + Hot Cupbd.	Ceran Hotplate Surface On (8 hrs in 24) 360w				
(No Gantry)	Ceran Hotplate Surface Off - In Standby (16 hrs in 24)				
	Hot Cupboard Fan On (8 hrs in 24) 26w				
	Hot Cupboard Element Off - Reached Temp. (3.4 hrs in 8)	900	0.9	3.06	1,116.90
(Glide)	Hot Cupboard Fan Off - In Standby (16 hrs in 24)				
	Hot Cupboard Element On (8 hrs in 24) 900w				
	Hot Cupboard Fan Off - In Standby (16 hrs in 24)				
				kwh/year	2,638.22
				Electric cost / year - 21.000 p/kWh	**£554.03**
				CO2 emissions in tons/year *(0.281 kg CO2 per kwh)*	0.74

Cost saving / year (£) Using No Gantry Model	**£245.28**
Cost saving / year (%) Using No Gantry Model	**30.69%**
CO2 emissions saving / year (tons)	**0.33**

Model	Component	Rating (W)	kW/hour	kWh/day	kWh/year
GWSHP3 + GWSHG3	Measured average w per hour (Using Qualistar CA 8335)	2066	2.066	16.528	6,032.72
(Wall Sited)	**Test Conditions As Below :**				
Hotplate + Hot Cupbd.	Ceran Hotplate Surface On (8 hrs in 24) 540w				
+ Hot Gantry)	Ceran Hotplate Surface Off - In Standby (16 hrs in 24)				
	Hot Cupboard Fan On (8 hrs in 24) 26w				
	Hot Cupboard Element Off - Reached Temp. (3 hrs in 8)	900	0.9	2.7	985.50
(Glide)	Hot Cupboard Fan Off - In Standby (16 hrs in 24)				
	Hot Cupboard Element On (8 hrs in 24) 900w				
	Hot Cupboard Fan 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	5,047.22
				Electric cost / year - 21.000 p/kWh	**£1,059.92**
				CO2 emissions in tons/year *(0.281 kg CO2 per kwh)*	1.42

Model	Component	Rating (W)	kW/hour	kWh/day	kWh/year
GWSHP3	Measured average w per hour (Using Qualistar CA 8335)	1466	1.466	11.728	4,280.72
(Wall Sited)	**Test Conditions As Below :**				
Hotplate + Hot Cupbd.	Ceran Hotplate Surface On (8 hrs in 24) 540w				
(No Gantry)	Ceran Hotplate Surface Off - In Standby (16 hrs in 24)				
	Hot Cupboard Fan On (8 hrs in 24) 26w				
	Hot Cupboard Element Off - Reached Temp. (3 hrs in 8)	900	0.9	2.7	985.50
(Glide)	Hot Cupboard Fan Off - In Standby (16 hrs in 24)				
	Hot Cupboard Element On (8 hrs in 24) 900w				
	Hot Cupboard Fan Off - In Standby (16 hrs in 24)				
				kwh/year	3,295.22
				Electric cost / year - 21.000 p/kWh	**£692.00**
				CO2 emissions in tons/year *(0.281 kg CO2 per kwh)*	0.93

Cost saving / year (£) Using No Gantry Model	**£367.92**
Cost saving / year (%) Using No Gantry Model	**34.71%**
CO2 emissions saving / year (tons)	**0.49**

Model	Component	Rating (W)	kW/hour	kWh/day	kWh/year
GWSHP4 + GWSHG4	Measured average w per hour (Using Qualistar CA 8335)	2446	2.446	19.568	7,142.32
(Wall Sited)	**Test Conditions As Below :**				
Hotplate + Hot Cupbd.	Ceran Hotplate Surface On (8 hrs in 24) 720w				
+ Hot Gantry)	Ceran Hotplate Surface Off - In Standby (16 hrs in 24)				
	Hot Cupboard Fan On (8 hrs in 24) 26w				
	Hot Cupboard Element Off - Reached Temp. (2.5 hrs in 8)	900	0.9	2.25	821.25
(Glide)	Hot Cupboard Fan Off - In Standby (16 hrs in 24)				
	Hot Cupboard Element On (8 hrs in 24) 900w				
	Hot Cupboard Fan 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	6,321.07
				Electric cost / year - 21.000 p/kWh	**£1,327.42**
				CO2 emissions in tons/year *(0.281 kg CO2 per kwh)*	1.78

Model	Component	Rating (W)	kW/hour	kWh/day	kWh/year
GWSHP4	Measured average w per hour (Using Qualistar CA 8335)	1646	1.646	13.168	4,806.32
(Wall Sited)	**Test Conditions As Below :**				
Hotplate + Hot Cupbd.	Ceran Hotplate Surface On (8 hrs in 24) 720w				
(No Gantry)	Ceran Hotplate Surface Off - In Standby (16 hrs in 24)				
	Hot Cupboard Fan On (8 hrs in 24) 26w				
	Hot Cupboard Element Off - Reached Temp. (2.5 hrs in 8)	900	0.9	2.25	821.25
(Glide)	Hot Cupboard Fan Off - In Standby (16 hrs in 24)				
	Hot Cupboard Element On (8 hrs in 24) 900w				
	Hot Cupboard Fan Off - In Standby (16 hrs in 24)				
				kwh/year	3,985.07
				Electric cost / year - 21.000 p/kWh	**£836.86**
				CO2 emissions in tons/year *(0.281 kg CO2 per kwh)*	1.12

Cost saving / year (£) Using No Gantry Model	**£490.56**
Cost saving / year (%) Using No Gantry Model	**36.96%**
CO2 emissions saving / year (tons)	**0.66**

Model	Component	Rating (W)	kW/hour	kWh/day	kWh/year
GWSHP5 + GWSHG5	Measured average w per hour (Using Qualistar CA 8335)	3326	3.326	26.608	9,711.92
(Wall Sited)	**Test Conditions As Below :**				
Hotplate + Hot Cupbd.	Ceran Hotplate Surface On (8 hrs in 24) 900w				
+ Hot Gantry)	Ceran Hotplate Surface Off - In Standby (16 hrs in 24)				
	Hot Cupboard Fan On (8 hrs in 24) 26w				
	Hot Cupboard Element Off - Reached Temp. (2 hrs in 8)	1400	1.4	2.8	1,022.00
(Glide)	Hot Cupboard Fan Off - In Standby (16 hrs in 24)				
	Hot Cupboard Element On (8 hrs in 24) 1400w				
	Hot Cupboard Fan 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	8,689.92
				Electric cost / year - 21.000 p/kWh	**£1,824.88**
				CO2 emissions in tons/year *(0.281 kg CO2 per kwh)*	2.44

Model	Component	Rating (W)	kW/hour	kWh/day	kWh/year
GWSHP5	Measured average w per hour (Using Qualistar CA 8335)	2326	2.326	18.608	6,791.92
(Wall Sited)	**Test Conditions As Below :**				
Hotplate + Hot Cupbd.	Ceran Hotplate Surface On (8 hrs in 24) 900w				
(No Gantry)	Ceran Hotplate Surface Off - In Standby (16 hrs in 24)				
	Hot Cupboard Fan On (8 hrs in 24) 26w				
	Hot Cupboard Element Off - Reached Temp. (2 hrs in 8)	1400	1.4	2.8	1,022.00
(Glide)	Hot Cupboard Fan Off - In Standby (16 hrs in 24)				
	Hot Cupboard Element On (8 hrs in 24) 1400w				
	Hot Cupboard Fan Off - In Standby (16 hrs in 24)				
				kwh/year	5,769.92
				Electric cost / year - 21.000 p/kWh	**£1,211.68**
				CO2 emissions in tons/year *(0.281 kg CO2 per kwh)*	1.62

Cost saving / year (£) Using No Gantry Model	**£613.20**
Cost saving / year (%) Using No Gantry Model	**33.60%**
CO2 emissions saving / year (tons)	**0.82**