

Energy Facts - Glide Ceran Glass Hotplate & 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 Type Heated Ceran Glass Hotplate & Hotcupboard (With Heated Gantry)

Model	Component	Rating (W)	kWh/hour	kWh/day	kWh/year
GHP2 + GHG2 Glide (Hotplate + Hot Cupbd.) (+ Hot Gantry)	Measured average w per hour (Using Qualistar CA 8335)	1686	1.686	13.488	4,923.12
	Test Conditions As Below :				
	Ceran Hotplate Surface On (8 hrs in 24) 360w				
	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
	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	£693.11
				CO2 emissions in tons/year (0.281 kg CO2 per kwh)	1.07

Model	Component	Rating (W)	kWh/hour	kWh/day	kWh/year
GHP3 + GHG3 Glide (Hotplate + Hot Cupbd.) (+ Hot Gantry)	Measured average w per hour (Using Qualistar CA 8335)	2066	2.066	16.528	6,032.72
	Test Conditions As Below :				
	Ceran Hotplate Surface On (8 hrs in 24) 540w				
	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
	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)	kWh/hour	kWh/day	kWh/year
GHP4 + GHG4 Glide (Hotplate + Hot Cupbd.) (+ Hot Gantry)	Measured average w per hour (Using Qualistar CA 8335)	2946	2.946	23.568	8,602.32
	Test Conditions As Below :				
	Ceran Hotplate Surface On (8 hrs in 24) 720w				
	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
	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	7,781.07
				Electric cost / year - 21.000 p/kWh	£1,634.02
				CO2 emissions in tons/year (0.281 kg CO2 per kwh)	2.19

Model	Component	Rating (W)	kWh/hour	kWh/day	kWh/year
GHP5 + GHG5 Glide (Hotplate + Hot Cupbd.) (+ Hot Gantry)	Measured average w per hour (Using Qualistar CA 8335)	3326	3.326	26.608	9,711.92
	Test Conditions As Below :				
	Ceran Hotplate Surface On (8 hrs in 24) 900w				
	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
	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

Glide Type Heated Ceran Glass Hotplate & Hotcupboard (No Gantry)

Model	Component	Rating (W)	kWh/hour	kWh/day	kWh/year
GHP2 Glide (Hotplate + Hot Cupbd.) (No Gantry)	Measured average w per hour (Using Qualistar CA 8335)	1286	1.286	10.288	3,755.12
	Test Conditions As Below :				
	Ceran Hotplate Surface On (8 hrs in 24) 360w				
	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
	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 £139.09
Cost saving / year (%) Using No Gantry Model 20.07%
CO2 emissions saving / year (tons) 0.33

Model	Component	Rating (W)	kWh/hour	kWh/day	kWh/year
GHP3 Glide (Hotplate + Hot Cupbd.) (No Gantry)	Measured average w per hour (Using Qualistar CA 8335)	1466	1.466	11.728	4,280.72
	Test Conditions As Below :				
	Ceran Hotplate Surface On (8 hrs in 24) 540w				
	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
	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)	kWh/hour	kWh/day	kWh/year
GHP4 Glide (Hotplate + Hot Cupbd.) (No Gantry)	Measured average w per hour (Using Qualistar CA 8335)	1646	1.646	13.168	4,806.32
	Test Conditions As Below :				
	Ceran Hotplate Surface On (8 hrs in 24) 720w				
	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
	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 £797.16
Cost saving / year (%) Using No Gantry Model 48.79%
CO2 emissions saving / year (tons) 1.07

Model	Component	Rating (W)	kWh/hour	kWh/day	kWh/year
GHP5 Glide (Hotplate + Hot Cupbd.) (No Gantry)	Measured average w per hour (Using Qualistar CA 8335)	2326	2.326	18.608	6,791.92
	Test Conditions As Below :				
	Ceran Hotplate Surface On (8 hrs in 24) 900w				
	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
	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