

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

## Glide Type Heated Ceran Glass Hotplate & Hotcupboard (With Heated Gantry)

Model	Component	Rating (W)	kW/hour	kWh/day	kWh/year	
GHP2 + GHG2 Glide (Hotplate + Hot Cupbd). (+ Hot Gantry)	Measured average w per hour ( Using Qualistar CA 8335 )	2586	2.586	20.688	7,551.12	
	<b>Test Conditions As Below :</b>					
	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 )	1800	1.8	6.12	2,233.80	
	Hot Cupboard Fan Off - In Standby ( 16 hrs in 24 )					
	Hot Cupboard Element On ( 8 hrs in 24 ) 1800w					
	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	
Electric cost / year - 18.000 p/kWh					5,317.32	
CO2 emissions in tons/year (0.281 kg CO2 per kWh)					£957.12 1.49	

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

Model	Component	Rating (W)	kW/hour	kWh/day	kWh/year	
GHP2 Glide (Hotplate + Hot Cupbd). (No Gantry)	Measured average w per hour ( Using Qualistar CA 8335 )	2186	2.186	17.488	6,383.12	
	<b>Test Conditions As Below :</b>					
	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 )	1800	1.8	6.12	2,233.80	
	Hot Cupboard Fan Off - In Standby ( 16 hrs in 24 )					
	Hot Cupboard Element On ( 8 hrs in 24 ) 1800w					
	Hot Cupboard Fan Off - In Standby ( 16 hrs in 24 )					
	Hot Cupboard Fan Off - In Standby ( 16 hrs in 24 )					
					kWh/year	
Electric cost / year - 18.000 p/kWh					4,149.32	
CO2 emissions in tons/year (0.281 kg CO2 per kWh)					£746.88 1.17	

**Cost saving / year (£) Using No Gantry Model** £210.24  
**Cost saving / year (%) Using No Gantry Model** 21.97%  
**CO2 emissions saving / year (tons)** 0.33

Model	Component	Rating (W)	kW/hour	kWh/day	kWh/year	
GHP3 + GHG3 Glide (Hotplate + Hot Cupbd). (+ Hot Gantry)	Measured average w per hour ( Using Qualistar CA 8335 )	2966	2.966	23.728	8,660.72	
	<b>Test Conditions As Below :</b>					
	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 )	1800	1.8	5.4	1,971.00	
	Hot Cupboard Fan Off - In Standby ( 16 hrs in 24 )					
	Hot Cupboard Element On ( 8 hrs in 24 ) 1800w					
	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	
Electric cost / year - 18.000 p/kWh					6,689.72	
CO2 emissions in tons/year (0.281 kg CO2 per kWh)					£1,204.15 1.88	

Model	Component	Rating (W)	kW/hour	kWh/day	kWh/year	
GHP3 Glide (Hotplate + Hot Cupbd). (No Gantry)	Measured average w per hour ( Using Qualistar CA 8335 )	2366	2.366	18.928	6,908.72	
	<b>Test Conditions As Below :</b>					
	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 )	1800	1.8	5.4	1,971.00	
	Hot Cupboard Fan Off - In Standby ( 16 hrs in 24 )					
	Hot Cupboard Element On ( 8 hrs in 24 ) 1800w					
	Hot Cupboard Fan Off - In Standby ( 16 hrs in 24 )					
	Hot Cupboard Fan Off - In Standby ( 16 hrs in 24 )					
					kWh/year	
Electric cost / year - 18.000 p/kWh					4,937.72	
CO2 emissions in tons/year (0.281 kg CO2 per kWh)					£888.79 1.39	

**Cost saving / year (£) Using No Gantry Model** £315.36  
**Cost saving / year (%) Using No Gantry Model** 26.19%  
**CO2 emissions saving / year (tons)** 0.49

Model	Component	Rating (W)	kW/hour	kWh/day	kWh/year	
GHP3 + GHG4 Glide (Hotplate + Hot Cupbd). (+ Hot Gantry)	Measured average w per hour ( Using Qualistar CA 8335 )	2946	2.946	23.568	8,602.32	
	<b>Test Conditions As Below :</b>					
	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 )	1400	1.4	3.5	1,277.50	
	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) 800w					
Quartz Infra Red Lamps Off - In Standby (16 hrs in 24) 800w						
					kWh/year	
Electric cost / year - 18.000 p/kWh					7,324.82	
CO2 emissions in tons/year (0.281 kg CO2 per kWh)					£1,318.47 2.06	

Model	Component	Rating (W)	kW/hour	kWh/day	kWh/year	
GHP4 Glide (Hotplate + Hot Cupbd). (No Gantry)	Measured average w per hour ( Using Qualistar CA 8335 )	2546	2.546	20.368	7,434.32	
	<b>Test Conditions As Below :</b>					
	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 )	1800	1.8	4.5	1,642.50	
	Hot Cupboard Fan Off - In Standby ( 16 hrs in 24 )					
	Hot Cupboard Element On ( 8 hrs in 24 ) 1800w					
	Hot Cupboard Fan Off - In Standby ( 16 hrs in 24 )					
	Hot Cupboard Fan Off - In Standby ( 16 hrs in 24 )					
					kWh/year	
Electric cost / year - 18.000 p/kWh					5,791.82	
CO2 emissions in tons/year (0.281 kg CO2 per kWh)					£1,042.53 1.63	

**Cost saving / year (£) Using No Gantry Model** £275.94  
**Cost saving / year (%) Using No Gantry Model** 20.93%  
**CO2 emissions saving / year (tons)** 0.43

Model	Component	Rating (W)	kW/hour	kWh/day	kWh/year	
GHP5 + GHG5 Glide (Hotplate + Hot Cupbd). (+ Hot Gantry)	Measured average w per hour ( Using Qualistar CA 8335 )	2826	2.826	22.608	8,251.92	
	<b>Test Conditions As Below :</b>					
	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 )	900	0.9	1.8	657.00	
	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) 1000w					
Quartz Infra Red Lamps Off - In Standby (16 hrs in 24) 1000w						
					kWh/year	
Electric cost / year - 18.000 p/kWh					7,594.92	
CO2 emissions in tons/year (0.281 kg CO2 per kWh)					£1,367.09 2.13	

Model	Component	Rating (W)	kW/hour	kWh/day	kWh/year	
GHP5 Glide (Hotplate + Hot Cupbd). (No Gantry)	Measured average w per hour ( Using Qualistar CA 8335 )	2726	2.726	21.808	7,959.92	
	<b>Test Conditions As Below :</b>					
	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 )	1800	1.8	3.6	1,314.00	
	Hot Cupboard Fan Off - In Standby ( 16 hrs in 24 )					
	Hot Cupboard Element On ( 8 hrs in 24 ) 1800w					
	Hot Cupboard Fan Off - In Standby ( 16 hrs in 24 )					
	Hot Cupboard Fan Off - In Standby ( 16 hrs in 24 )					
					kWh/year	
Electric cost / year - 18.000 p/kWh					6,645.92	
CO2 emissions in tons/year (0.281 kg CO2 per kWh)					£1,196.27 1.87	

**Cost saving / year (£) Using No Gantry Model** £170.82  
**Cost saving / year (%) Using No Gantry Model** 12.50%  
**CO2 emissions saving / year (tons)** 0.27