

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

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

Model	Component	Rating (W)	kW/hour	kWh/day	kWh/year	
GWSHP2 + GWSHG2 (Wall Sited) 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 ) 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					
(Glide)		1800	1.8	6.12	2,233.80	
					kWh/year	5,317.32
					Electric cost / year - 18.000 p/kWh	£957.12
					CO2 emissions in tons/year (0.281 kg CO2 per kWh)	1.49

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

Model	Component	Rating (W)	kW/hour	kWh/day	kWh/year	
GWSHP2 (Wall Sited) 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 ) 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 )					
(Glide)		1800	1.8	6.12	2,233.80	
					kWh/year	4,149.32
					Electric cost / year - 18.000 p/kWh	£746.88
					CO2 emissions in tons/year (0.281 kg CO2 per kWh)	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	
GWSHP3 + GWSHG3 (Wall Sited) 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 ) 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					
(Glide)		1800	1.8	5.4	1,971.00	
					kWh/year	6,689.72
					Electric cost / year - 18.000 p/kWh	£1,204.15
					CO2 emissions in tons/year (0.281 kg CO2 per kWh)	1.88

Model	Component	Rating (W)	kW/hour	kWh/day	kWh/year	
GWSHP3 (Wall Sited) 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 ) 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 )					
(Glide)		1800	1.8	5.4	1,971.00	
					kWh/year	4,937.72
					Electric cost / year - 18.000 p/kWh	£888.79
					CO2 emissions in tons/year (0.281 kg CO2 per kWh)	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	
GWSHP4 + GWSHG4 (Wall Sited) 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 ) 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					
(Glide)		1400	1.4	3.5	1,277.50	
					kWh/year	7,324.82
					Electric cost / year - 18.000 p/kWh	£1,318.47
					CO2 emissions in tons/year (0.281 kg CO2 per kWh)	2.06

Model	Component	Rating (W)	kW/hour	kWh/day	kWh/year	
GWSHP4 (Wall Sited) 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 ) 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 )					
(Glide)		1800	1.8	4.5	1,642.50	
					kWh/year	5,791.82
					Electric cost / year - 18.000 p/kWh	£1,042.53
					CO2 emissions in tons/year (0.281 kg CO2 per kWh)	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	
GWSHP5 + GWSHG5 (Wall Sited) 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 ) 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					
(Glide)		900	0.9	1.8	657.00	
					kWh/year	7,594.92
					Electric cost / year - 18.000 p/kWh	£1,367.09
					CO2 emissions in tons/year (0.281 kg CO2 per kWh)	2.13

Model	Component	Rating (W)	kW/hour	kWh/day	kWh/year	
GWSHP5 (Wall Sited) 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 ) 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 )					
(Glide)		1800	1.8	3.6	1,314.00	
					kWh/year	6,645.92
					Electric cost / year - 18.000 p/kWh	£1,196.27
					CO2 emissions in tons/year (0.281 kg CO2 per kWh)	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