

Energy Facts - Glide Plain Top (+ Wall Sited) 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 Plain Top (+ Wall Sited) Hotcupboard (With Heated Gantry)

Model	Component	Rating (W)	kW/hour	kWh/day	kWh/year
GHCP2 + GHG2PTHC Plain Top Hot Cupbd. + Hot Gantry	Measured average w per hour (Using Qualistar CA 8335)	2226	2.226	17.808	6,499.92
	Test Conditions As Below : Hot Cupboard Fan On (8 hrs in 24) 26w Hot Cupboard Fan Off - In Standby (16 hrs in 24) Hot Cupboard Element On (8 hrs in 24) 1800w				
GWSHCP2 + GWSHG2PTHC Wall Sited Plain Top Hot Cupbd. + Wall Sited Hot Gantry	Measured average w per hour (Using Qualistar CA 8335)	1800	1.8	6.12	2,233.80
	Test Conditions As Below : Hot Cupboard Element Off - Reached Temp. (3.4 hrs in 8) Hot Cupboard Element Off - In Standby (16 hrs in 8) Quartz Infra Red Lamps On (8 hrs in 24) 400w Quartz Infra Red Lamps Off - In Standby (16 hrs in 24) 400w				
(Glide)				kwh/year 4,266.12 Electric cost / year - 18.000 p/kWh £767.90 CO2 emissions in tons/year (0.281 kg CO2 per kwh) 1.20	

Glide Plain Top (+ Wall Sited) Hotcupboard (No Gantry)

Model	Component	Rating (W)	kW/hour	kWh/day	kWh/year
GHCP2 Plain Top Hot Cupbd. (No Gantry)	Measured average w per hour (Using Qualistar CA 8335)	1826	1.826	14.608	5,331.92
	Test Conditions As Below : Hot Cupboard Fan On (8 hrs in 24) 26w Hot Cupboard Fan Off - In Standby (16 hrs in 24) Hot Cupboard Element On (8 hrs in 24) 1800w				
GWSHCP2 Wall Sited Plain Top Hot Cupbd. (No Gantry)	Measured average w per hour (Using Qualistar CA 8335)	1800	1.8	6.12	2,233.80
	Test Conditions As Below : Hot Cupboard Element Off - Reached Temp. (3.4 hrs in 8) Hot Cupboard Element Off - In Standby (16 hrs in 24)				
(Glide)				kwh/year 3,098.12 Electric cost / year - 18.000 p/kWh £557.66 CO2 emissions in tons/year (0.281 kg CO2 per kwh) 0.87	

Cost saving / year (£) Using No Gantry Model £210.24
Cost saving / year (%) Using No Gantry Model 27.38%
CO2 emissions saving / year (tons) 0.33

Model	Component	Rating (W)	kW/hour	kWh/day	kWh/year
GHCP3 + GHG3PTHC Plain Top Hot Cupbd. + Hot Gantry	Measured average w per hour (Using Qualistar CA 8335)	2426	2.426	19.408	7,083.92
	Test Conditions As Below : Hot Cupboard Fan On (8 hrs in 24) 26w Hot Cupboard Fan Off - In Standby (16 hrs in 24) Hot Cupboard Element On (8 hrs in 24) 1800w				
GWSHCP3 + GWSHG3PTHC Wall Sited Plain Top Hot Cupbd. + Wall Sited Hot Gantry	Measured average w per hour (Using Qualistar CA 8335)	1800	1.8	5.4	1,971.00
	Test Conditions As Below : Hot Cupboard Element Off - Reached Temp. (3 hrs in 8) Hot Cupboard Element Off - In Standby (16 hrs in 8) Quartz Infra Red Lamps On (8 hrs in 24) 600w Quartz Infra Red Lamps Off - In Standby (16 hrs in 24) 600w				
(Glide)				kwh/year 5,112.92 Electric cost / year - 18.000 p/kWh £920.33 CO2 emissions in tons/year (0.281 kg CO2 per kwh) 1.44	

Model	Component	Rating (W)	kW/hour	kWh/day	kWh/year
GHCP3 Plain Top Hot Cupbd. (No Gantry)	Measured average w per hour (Using Qualistar CA 8335)	1826	1.826	14.608	5,331.92
	Test Conditions As Below : Hot Cupboard Fan On (8 hrs in 24) 26w Hot Cupboard Fan Off - In Standby (16 hrs in 24) Hot Cupboard Element On (8 hrs in 24) 1800w				
GWSHCP3 Wall Sited Plain Top Hot Cupbd. (No Gantry)	Measured average w per hour (Using Qualistar CA 8335)	1800	1.8	5.4	1,971.00
	Test Conditions As Below : Hot Cupboard Element Off - Reached Temp. (3 hrs in 8) Hot Cupboard Element Off - In Standby (16 hrs in 24)				
(Glide)				kwh/year 3,360.92 Electric cost / year - 18.000 p/kWh £604.97 CO2 emissions in tons/year (0.281 kg CO2 per kwh) 0.94	

Cost saving / year (£) Using No Gantry Model £315.36
Cost saving / year (%) Using No Gantry Model 34.27%
CO2 emissions saving / year (tons) 0.49

Model	Component	Rating (W)	kW/hour	kWh/day	kWh/year
GHCP4 + GHG4PTHC Plain Top Hot Cupbd. + Hot Gantry	Measured average w per hour (Using Qualistar CA 8335)	2626	2.626	21.008	7,667.92
	Test Conditions As Below : Hot Cupboard Fan On (8 hrs in 24) 26w Hot Cupboard Fan Off - In Standby (16 hrs in 24) Hot Cupboard Element On (8 hrs in 24) 1800w				
GWSHCP4 + GWSHG4PTHC Wall Sited Plain Top Hot Cupbd. + Wall Sited Hot Gantry	Measured average w per hour (Using Qualistar CA 8335)	1800	1.8	4.5	1,642.50
	Test Conditions As Below : Hot Cupboard Element Off - Reached Temp. (2.5 hrs in 8) Hot Cupboard Element Off - In Standby (16 hrs in 8) Quartz Infra Red Lamps On (8 hrs in 24) 800w Quartz Infra Red Lamps Off - In Standby (16 hrs in 24) 800w				
(Glide)				kwh/year 6,025.42 Electric cost / year - 18.000 p/kWh £1,084.58 CO2 emissions in tons/year (0.281 kg CO2 per kwh) 1.69	

Model	Component	Rating (W)	kW/hour	kWh/day	kWh/year
GHCP4 Plain Top Hot Cupbd. (No Gantry)	Measured average w per hour (Using Qualistar CA 8335)	1826	1.826	14.608	5,331.92
	Test Conditions As Below : Hot Cupboard Fan On (8 hrs in 24) 26w Hot Cupboard Fan Off - In Standby (16 hrs in 24) Hot Cupboard Element On (8 hrs in 24) 1800w				
GWSHCP4 Wall Sited Plain Top Hot Cupbd. (No Gantry)	Measured average w per hour (Using Qualistar CA 8335)	1800	1.8	4.5	1,642.50
	Test Conditions As Below : Hot Cupboard Element Off - Reached Temp. (2.5 hrs in 8) Hot Cupboard Fan Off - In Standby (16 hrs in 24)				
(Glide)				kwh/year 3,689.42 Electric cost / year - 18.000 p/kWh £664.10 CO2 emissions in tons/year (0.281 kg CO2 per kwh) 1.04	

Cost saving / year (£) Using No Gantry Model £420.48
Cost saving / year (%) Using No Gantry Model 38.77%
CO2 emissions saving / year (tons) 0.66

Model	Component	Rating (W)	kW/hour	kWh/day	kWh/year
GHCP5 + GHG5PTHC Plain Top Hot Cupbd. + Hot Gantry	Measured average w per hour (Using Qualistar CA 8335)	2826	2.826	22.608	8,251.92
	Test Conditions As Below : Hot Cupboard Fan On (8 hrs in 24) 26w Hot Cupboard Fan Off - In Standby (16 hrs in 24) Hot Cupboard Element On (8 hrs in 24) 1800w				
GWSHCP5 + GWSHG5PTHC Wall Sited Plain Top Hot Cupbd. + Wall Sited Hot Gantry	Measured average w per hour (Using Qualistar CA 8335)	1800	1.8	3.6	1,314.00
	Test Conditions As Below : Hot Cupboard Element Off - Reached Temp. (2 hrs in 8) Hot Cupboard Element Off - In Standby (16 hrs in 8) Quartz Infra Red Lamps On (8 hrs in 24) 1000w Quartz Infra Red Lamps Off - In Standby (16 hrs in 24) 1000w				
(Glide)				kwh/year 6,937.92 Electric cost / year - 18.000 p/kWh £1,248.83 CO2 emissions in tons/year (0.281 kg CO2 per kwh) 1.95	

Model	Component	Rating (W)	kW/hour	kWh/day	kWh/year
GHCP5 Plain Top Hot Cupbd. (No Gantry)	Measured average w per hour (Using Qualistar CA 8335)	1826	1.826	14.608	5,331.92
	Test Conditions As Below : Hot Cupboard Fan On (8 hrs in 24) 26w Hot Cupboard Fan Off - In Standby (16 hrs in 24) Hot Cupboard Element On (8 hrs in 24) 1800w				
GWSHCP5 Wall Sited Plain Top Hot Cupbd. (No Gantry)	Measured average w per hour (Using Qualistar CA 8335)	1800	1.8	3.6	1,314.00
	Test Conditions As Below : Hot Cupboard Element Off - Reached Temp. (2 hrs in 8) Hot Cupboard Fan Off - In Standby (16 hrs in 24)				
(Glide)				kwh/year 4,017.92 Electric cost / year - 18.000 p/kWh £723.23 CO2 emissions in tons/year (0.281 kg CO2 per kwh) 1.13	

Cost saving / year (£) Using No Gantry Model £525.60
Cost saving / year (%) Using No Gantry Model 42.09%
CO2 emissions saving / year (tons) 0.82