

Energy Facts - Glide Self Help Chilled Multideck (Roller Shutter) - Doors / Fixed Back



ASSUMPTIONS: Glide Chilled Display Unit switched on for 8 hours per 24, Chilled Display Unit Used 7 days Per Week, Chilled 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 Self Help Chilled Multideck (Shutter & Rear Doors) - (r290 Refrigeration)

| Model | Component | Rating (W) | kWh/hour | kWh/day | kWh/year | |
|--|---|--|----------|---------|----------------|---------|
| GMDR2RSHT (Self Help Cold M.Deck) (Shutter & Rear Doors) | Condensing unit On (8 hrs in 24) 528w | 528 | 0.528 | 4.224 | 1541.76 | |
| | 2 no. EC Deck Fans On (8 hrs in 24) 6.5w ea. | 13 | 0.013 | 0.104 | 37.96 | |
| | Canopy LED Light On (8 hrs in 24) 10w | 10 | 0.01 | 0.08 | 29.2 | |
| | Evap Tray Element On (1.5 hour in 24) 750w | 750 | 0.75 | 1.125 | 410.625 | |
| | Condensing Unit In Standby Mode (16 hours in 24) | 0 | 0 | 0 | 0 | |
| | Glide | Condensing Unit Off In Defrost (1 hour in 8) | -528 | -0.528 | -0.528 | -192.72 |
| | Coil Defrost Element On (1 hour in 8) 300w | 300 | 0.3 | 0.3 | 109.5 | |
| | EC Deck Fans Off In Defrost (1 hour in 8) | -13 | -0.013 | -0.013 | -4.745 | |
| | Canopy LED Light Off (16 hrs in 24) | 0 | 0 | 0 | 0 | |
| | Condensing Unit Off (Cycling At Temperature (20 mins per hr) | -176.00 | -0.18 | -1.41 | -513.92 | |
| | | | | | kWh/year | 1417.66 |
| Electric cost / year - 18.000 p/kWh | | | | | £255.18 | |
| CO2 emissions in tons/year (0.281 kg CO2 per kWh) | | | | | 0.4 | |

Glide Self Help Chilled Multideck (Shutter & Fixed Back) - (r290 Refrigeration)

| Model | Component | Rating (W) | kWh/hour | kWh/day | kWh/year | |
|--|---|--|----------|---------|----------------|---------|
| GMDF2RSHT (Self Help Cold M.Deck) (Shutter & Fixed Back) | Condensing unit On (8 hrs in 24) 528w | 528 | 0.528 | 4.224 | 1541.76 | |
| | 2 no. EC Deck Fans On (8 hrs in 24) 6.5w ea. | 13 | 0.013 | 0.104 | 37.96 | |
| | Canopy LED Light On (8 hrs in 24) 10w | 10 | 0.01 | 0.08 | 29.2 | |
| | Evap Tray Element On (1.5 hour in 24) 750w | 750 | 0.75 | 1.125 | 410.625 | |
| | Condensing Unit In Standby Mode (16 hours in 24) | 0 | 0 | 0 | 0 | |
| | Glide | Condensing Unit Off In Defrost (1 hour in 8) | -528 | -0.528 | -0.528 | -192.72 |
| | Coil Defrost Element On (1 hour in 8) 300w | 300 | 0.3 | 0.3 | 109.5 | |
| | EC Deck Fans Off In Defrost (1 hour in 8) | -13 | -0.013 | -0.013 | -4.745 | |
| | Canopy LED Light Off (16 hrs in 24) | 0 | 0 | 0 | 0 | |
| | Condensing Unit Off (Cycling At Temperature (20 mins per hr) | -176.00 | -0.18 | -1.41 | -513.92 | |
| | | | | | kWh/year | 1417.66 |
| Electric cost / year - 18.000 p/kWh | | | | | £255.18 | |
| CO2 emissions in tons/year (0.281 kg CO2 per kWh) | | | | | 0.4 | |

| Model | Component | Rating (W) | kWh/hour | kWh/day | kWh/year | |
|--|---|--|----------|---------|----------------|----------|
| GMDR3RSHT (Self Help Cold M.Deck) (Shutter & Rear Doors) | Condensing unit On (8 hrs in 24) 817w | 817 | 0.817 | 6.536 | 2385.64 | |
| | 3 no. EC Deck Fans On (8 hrs in 24) 6.5w ea. | 19.5 | 0.0195 | 0.156 | 56.94 | |
| | Canopy LED Light On (8 hrs in 24) 12w | 12 | 0.012 | 0.096 | 35.04 | |
| | Evap Tray Element On (1.5 hour in 24) 750w | 750 | 0.75 | 1.125 | 410.625 | |
| | Condensing Unit In Standby Mode (16 hours in 24) | 0 | 0 | 0 | 0 | |
| | Glide | Condensing Unit Off In Defrost (1 hour in 8) | -817 | -0.817 | -0.817 | -298.205 |
| | Coil Defrost Element On (1 hour in 8) 300w | 300 | 0.3 | 0.3 | 109.5 | |
| | EC Deck Fans Off In Defrost (1 hour in 8) | -19.5 | -0.0195 | -0.0195 | -7.1175 | |
| | Canopy LED Light Off (16 hrs in 24) | 0 | 0 | 0 | 0 | |
| | Condensing Unit Off (Cycling At Temperature (20 mins per hr) | -272.33 | -0.27 | -2.18 | -795.21 | |
| | | | | | kWh/year | 1897.21 |
| Electric cost / year - 18.000 p/kWh | | | | | £341.50 | |
| CO2 emissions in tons/year (0.281 kg CO2 per kWh) | | | | | 0.5 | |

| Model | Component | Rating (W) | kWh/hour | kWh/day | kWh/year | |
|--|---|--|----------|---------|----------------|----------|
| GMDF3RSHT (Self Help Cold M.Deck) (Shutter & Fixed Back) | Condensing unit On (8 hrs in 24) 817w | 817 | 0.817 | 6.536 | 2385.64 | |
| | 3 no. EC Deck Fans On (8 hrs in 24) 6.5w ea. | 19.5 | 0.0195 | 0.156 | 56.94 | |
| | Canopy LED Light On (8 hrs in 24) 12w | 12 | 0.012 | 0.096 | 35.04 | |
| | Evap Tray Element On (1.5 hour in 24) 750w | 750 | 0.75 | 1.125 | 410.625 | |
| | Condensing Unit In Standby Mode (16 hours in 24) | 0 | 0 | 0 | 0 | |
| | Glide | Condensing Unit Off In Defrost (1 hour in 8) | -817 | -0.817 | -0.817 | -298.205 |
| | Coil Defrost Element On (1 hour in 8) 300w | 300 | 0.3 | 0.3 | 109.5 | |
| | EC Deck Fans Off In Defrost (1 hour in 8) | -19.5 | -0.0195 | -0.0195 | -7.1175 | |
| | Canopy LED Light Off (16 hrs in 24) | 0 | 0 | 0 | 0 | |
| | Condensing Unit Off (Cycling At Temperature (20 mins per hr) | -272.33 | -0.27 | -2.18 | -795.21 | |
| | | | | | kWh/year | 1897.21 |
| Electric cost / year - 18.000 p/kWh | | | | | £341.50 | |
| CO2 emissions in tons/year (0.281 kg CO2 per kWh) | | | | | 0.5 | |

| Model | Component | Rating (W) | kWh/hour | kWh/day | kWh/year | |
|--|---|--|----------|---------|----------------|----------|
| GMDR4RSHT (Self Help Cold M.Deck) (Shutter & Rear Doors) | Condensing unit On (8 hrs in 24) 817w | 817 | 0.817 | 6.536 | 2385.64 | |
| | 3 no. EC Deck Fans On (8 hrs in 24) 6.5w ea. | 19.5 | 0.0195 | 0.156 | 56.94 | |
| | Canopy LED Light On (8 hrs in 24) 18w | 18 | 0.018 | 0.144 | 52.56 | |
| | Evap Tray Element On (1.5 hour in 24) 750w | 750 | 0.75 | 1.125 | 410.625 | |
| | Condensing Unit In Standby Mode (16 hours in 24) | 0 | 0 | 0 | 0 | |
| | Glide | Condensing Unit Off In Defrost (1 hour in 8) | -817 | -0.817 | -0.817 | -298.205 |
| | Coil Defrost Element On (1 hour in 8) 300w | 300 | 0.3 | 0.3 | 109.5 | |
| | EC Deck Fans Off In Defrost (1 hour in 8) | -19.5 | -0.0195 | -0.0195 | -7.1175 | |
| | Canopy LED Light Off (16 hrs in 24) | 0 | 0 | 0 | 0 | |
| | Condensing Unit Off (Cycling At Temperature (20 mins per hr) | -272.33 | -0.27 | -2.18 | -795.21 | |
| | | | | | kWh/year | 1914.73 |
| Electric cost / year - 18.000 p/kWh | | | | | £344.65 | |
| CO2 emissions in tons/year (0.281 kg CO2 per kWh) | | | | | 0.5 | |

| Model | Component | Rating (W) | kWh/hour | kWh/day | kWh/year | |
|--|---|--|----------|---------|----------------|----------|
| GMDF4RSHT (Self Help Cold M.Deck) (Shutter & Fixed Back) | Condensing unit On (8 hrs in 24) 817w | 817 | 0.817 | 6.536 | 2385.64 | |
| | 3 no. EC Deck Fans On (8 hrs in 24) 6.5w ea. | 19.5 | 0.0195 | 0.156 | 56.94 | |
| | Canopy LED Light On (8 hrs in 24) 18w | 18 | 0.018 | 0.144 | 52.56 | |
| | Evap Tray Element On (1.5 hour in 24) 750w | 750 | 0.75 | 1.125 | 410.625 | |
| | Condensing Unit In Standby Mode (16 hours in 24) | 0 | 0 | 0 | 0 | |
| | Glide | Condensing Unit Off In Defrost (1 hour in 8) | -817 | -0.817 | -0.817 | -298.205 |
| | Coil Defrost Element On (1 hour in 8) 300w | 300 | 0.3 | 0.3 | 109.5 | |
| | EC Deck Fans Off In Defrost (1 hour in 8) | -19.5 | -0.0195 | -0.0195 | -7.1175 | |
| | Canopy LED Light Off (16 hrs in 24) | 0 | 0 | 0 | 0 | |
| | Condensing Unit Off (Cycling At Temperature (20 mins per hr) | -272.33 | -0.27 | -2.18 | -795.21 | |
| | | | | | kWh/year | 1914.73 |
| Electric cost / year - 18.000 p/kWh | | | | | £344.65 | |
| CO2 emissions in tons/year (0.281 kg CO2 per kWh) | | | | | 0.5 | |

| Model | Component | Rating (W) | kWh/hour | kWh/day | kWh/year | |
|--|---|--|----------|---------|----------------|----------|
| GMDR5RSHT (Self Help Cold M.Deck) (Shutter & Rear Doors) | Condensing unit On (8 hrs in 24) 817w | 817 | 0.817 | 6.536 | 2385.64 | |
| | 4 no. EC Deck Fans On (8 hrs in 24) 6.5w ea. | 26 | 0.026 | 0.208 | 75.92 | |
| | Canopy LED Lights On (8 hrs in 24) 22w | 22 | 0.022 | 0.176 | 64.24 | |
| | Evap Tray Element On (1.5 hour in 24) 750w | 750 | 0.75 | 1.125 | 410.625 | |
| | Condensing Unit In Standby Mode (16 hours in 24) | 0 | 0 | 0 | 0 | |
| | Glide | Condensing Unit Off In Defrost (1 hour in 8) | -817 | -0.817 | -0.817 | -298.205 |
| | Coil Defrost Element On (1 hour in 8) 300w | 300 | 0.3 | 0.3 | 109.5 | |
| | EC Deck Fans Off In Defrost (1 hour in 8) | -26 | -0.026 | -0.026 | -9.49 | |
| | Canopy LED Light Off (16 hrs in 24) | 0 | 0 | 0 | 0 | |
| | Condensing Unit Off (Cycling At Temperature (20 mins per hr) | -272.33 | -0.27 | -2.18 | -795.21 | |
| | | | | | kWh/year | 1943.02 |
| Electric cost / year - 18.000 p/kWh | | | | | £349.74 | |
| CO2 emissions in tons/year (0.281 kg CO2 per kWh) | | | | | 0.5 | |

| Model | Component | Rating (W) | kWh/hour | kWh/day | kWh/year | |
|--|---|--|----------|---------|----------------|----------|
| GMDF5RSHT (Self Help Cold M.Deck) (Shutter & Fixed Back) | Condensing unit On (8 hrs in 24) 817w | 817 | 0.817 | 6.536 | 2385.64 | |
| | 4 no. EC Deck Fans On (8 hrs in 24) 6.5w ea. | 26 | 0.026 | 0.208 | 75.92 | |
| | Canopy LED Light On (8 hrs in 24) 22w | 22 | 0.022 | 0.176 | 64.24 | |
| | Evap Tray Element On (1.5 hour in 24) 750w | 750 | 0.75 | 1.125 | 410.625 | |
| | Condensing Unit In Standby Mode (16 hours in 24) | 0 | 0 | 0 | 0 | |
| | Glide | Condensing Unit Off In Defrost (1 hour in 8) | -817 | -0.817 | -0.817 | -298.205 |
| | Coil Defrost Element On (1 hour in 8) 300w | 300 | 0.3 | 0.3 | 109.5 | |
| | EC Deck Fans Off In Defrost (1 hour in 8) | -26 | -0.026 | -0.026 | -9.49 | |
| | Canopy LED Light Off (16 hrs in 24) | 0 | 0 | 0 | 0 | |
| | Condensing Unit Off (Cycling At Temperature (20 mins per hr) | -272.33 | -0.27 | -2.18 | -795.21 | |
| | | | | | kWh/year | 1943.02 |
| Electric cost / year - 18.000 p/kWh | | | | | £349.74 | |
| CO2 emissions in tons/year (0.281 kg CO2 per kWh) | | | | | 0.5 | |