
APPENDIX C

GLASSWARE WASHER

SPECIFICATIONS

This Appendix contains various specifications for the Glassware Washer, including program times and water consumption for both the 115V and 230V models.

Glassware Washer Specifications

- Minimum fill water temperature: 120°F (49°C) recommended
- Water consumption per fill: 3.4 gallons (13 liters)
- Minimum feed water pressure: 20 psi (138 kPa)
- Maximum feed water pressure: 120 psi (827 kPa)
- Minimum purified water feed pressure: 0 psi (0 kPa)
- Heat rejected from washer: less than 104 BTU/minute (115V models); less than 170 BTU/minute (230V models)
- Water heating rate: 1.6°F/minute (0.9°C/minute) 115V models operating on 115V; 2.2°F/minute (1.2°C/minute) 230V models operating on 208V

Electrical Specifications

- Operating voltage for 115V washers: 104/127V
- Operating voltage for 230V washers: 207/253V
- Maximum amperage for 115 volt washers: 16.0 amperes
- Maximum amperage for 230 volt washers: 11.0 amperes
- Frequency 115 volt washers: 60 Hz
- Frequency 230 volt washers: 50/60 Hz
- Phase: Single
- Sump element power: 1,200 watts (115V models); 2,000 watts (230V models)

Environmental Conditions

- Indoor use only.
- Maximum altitude: 6562 feet (2000 meters).
- Ambient temperature range: 41° to 104°F (5° to 40°C).
- Maximum relative humidity: 80% for temperatures up to 88°F (31°C), decreasing linearly to 50% relative humidity at 104°F (40°C).
- Main supply voltage fluctuations not to exceed $\pm 10\%$ of the nominal voltage.
- Transient overvoltages according to Installation Categories II (Overvoltage Categories per IEC 1010). Temporary voltage spikes on the AC input line that may be as high as 1500V for 115V models and 2500V for 230V models are allowed.
- Used in an environment of Pollution degrees 2 (i.e., where normally only non-conductive atmospheres are present). Occasionally, however, a temporary conductivity caused by condensation must be expected, in accordance with IEC 664.