

# MK GLYCERIN BURNER Specifications

**Fuel** Raw glycerin with viscosity no greater than 220 centistokes (equivalent to 20w oil.)  
@ 70 degrees F. (21 degrees C.)

Starting mixture: Glycerin + 5-10% combustion enhancer (methyl alcohol).  
Time on starting mix is approximately one minute, depending on combustion chamber and operating conditions.

**Compressed air** Glycerin burner 90 psi. min., 150 psi. max.  
Water purge assy. 100 psi.

**Capacity** *Beckett AF burner*  
Firing rate 1.5 - 3.5 GPH (5.7-13.2 l/h)  
Input glycerin 150,000 – 300,000 BTU/hr. (44-88 kW)  
Input vegetable oil 420,000 BTU/hr. (123 kW/h)  
Input waste oil 500,000 BTU/hr. (146 kW/h)  
Input #2 fuel oil 320,000 BTU/hr. ( 94 kW/h)

*The Beckett CF burner is used when higher BTU output is required*

**Glycerin Burner** Power supply 120 VAC/60 Hz single phase  
220 VAC/50 Hz  
Operating load 5.8 amps. max.  
Motor 1/7 – 1/5 HP 3450 RPM  
Ignition Continuous duty-intermittent

**Starting Mixture pump** Outlet pressure 120 PSI – 300 PSI  
Motor 1/7 – 1/5 HP 3450 RPM  
Power supply 120 VAC/60 Hz.  
Operating load 5.8 amps. max

**Dimensions** Height 11 1/2” (29 cm.)  
Width 12 7/8” (32.6 cm.)  
Depth (chassis only) 6 9/16” (16.9 cm.)  
Air tube 4” (10.16 cm) diameter, 7” (17.78 cm.) length