



Explanation of Parts (alphabetical)

- **Base Ring Tabs** - part that screws into the gallery to keep it stable while in use
- **Bowl/Font** - the part that holds the fuel
- **Burner Assembly** - point of combustion where fuel is converted to light and screws into lamp font collar; air enters through holes in the burner basket ("side draft") and mixes with air, which feeds the flame of the wick
- **Burner Basket** - base of the burner that screws into the collar on the font and contains the Inner Wick Tube; holes in the basket allow air to enter and mix with the fuel for proper burning
- **Chimney** - clear glass tube that fits into the gallery; creates draft by pulling air from burner and out through the top
- **Collar** - threaded metal adapter fitted to the opening in the font, in which the burner screws into
- **Ears** - connect the wire frame to the base
- **Fill Cap/Plug** - covering of the opening in the font where the fuel is poured; filler caps are used on glass lamps, filler plugs are used on metal lamps
- **Flame Spreader** - small, perforated, thimble-like part that fits into the top of the inner wick tube (and inside the wick); delivers more air to the wick which is required to create the blue flame
- **Font** - bowl that holds the fuel, and where the burner is mounted to the collar
- **Foot/Pedestal** - part that the bowl or font sits on that raises it up; table lamps have a foot or pedestal (as shown in image), while shelf lamps consist of only the bowl
- **Gallery** - removable, upper portion of burner that holds the chimney and mantle in place
- **Inner Wick Tube** - tubular center of the burner that fits inside the top, round part of the wick; holds the flame spreader as well as channels air to the inside of the wick for combustion
- **Mantle** - light-emitting part of lamp, made of fragile, cone-shaped rayon filament net containing the element yttrium ("rare earth element")
- **Mantle Fabric/Bag** - part of the lamp that produces the light; woven rayon fibers containing the element yttrium react to the heat produced by the wick
- **Outer Wick Tube** - comprised of the **Outer Wick Flange** and **Air Distributor**; internal, removable part of the burner which encases the wick and distributes air flow
- **Wick** - woven cotton fabric that draws fuel from font to burner, using capillary action (the ability to draw liquid upwards against the force of gravity); when the top of the wick is lit, the fuel burns, and the heat provided causes the mantle to glow
- **Wick Raiser** - metal arms that attach directly to the two metal side tabs of the round wick, and it fits into the wick raiser knob gear in the burner to move the wick up or down when the wick raiser knob is turned
- **Wick Raiser Knob** - allows the user to raise or lower the height of the wick; contains the model number of the lamp on the face
- **Wick Raiser Knob Post/Gear** - the knob ; the gear on the inside engages with the wick raiser, which in turn raises or lowers the wick
- **Wire Frame/Wire Support** - metal bracket used for handling of the mantle and securing it to the gallery