

Le FEBRES Philosophical Lamp Furnace .

- A. The furnace made of Potter's Clay & well baked is 21 inches high, 8 or 9 in. Diameter, in the inside, & 1 inch thick in substance & consists of 3 pieces.
- B. A hole in the cover with a Lead, to put a thermometer in the furnace to examine the degree of heat.
- C. Three holes or Registers, which have stoppers.
- D. Two small panes of glass, to give light in the Furnace.
- E. A ring in the furnace in which stands a vessel filled with Ashes.
- F. An egg made of tinned ♂, or thin ♀ hammered: This has a cover & two watch glasses to see the colours in the phial. The Phial stands in ashes.
- G. The Lamp has 3 small pipes for the wicks, & 2 △ holes, besides a pipe to fill it with ∞.
- H. A round piece of tinned ♂ supporting the lamp fastened on a stick of wood which goes in the pipe of a candlestick with a small screw T to fix the lamp higher or lower.

The lamp passes through a door K made in the furnace & the stick passes through a hole of about 2 inches diameter, made in the bottom of the furnace & through the stool T.

- M. The cover of the Lamp with 3 pipes. This cover fits exactly on the top of the lamp & has 2 small △ holes.
- N. A thermometer with red ∞ to examine the heat.

This furnace may also be used for a B. M. & sand heat by taking the top piece off, & putting on a kettle made of hammered tinned ♂.

A circumstantial Account of this Furnace is in Lefebres Compleat Body of Chemistry, London 1670, pag., 86, 87.

*Le Febvre's Philosophical Lamp Furnace*

