

OVERFLOW VERTICAL REFLUX STILL

TO CALIBRATE THE STILL FULLY OPEN THE OUTPUT VALVE AND MAKE SURE THAT THERE IS NO OVERFLOW BACK IN THE REFLUX COLUMN. INCREASE HEAT TO THE POINT WHEN VAPORS JUST START APPEARING OUT OF THE CONDENSER TOP. REDUCE HEAT TO AVOID VAPORS ESCAPING. MEASURE MAXIMUM OUTPUT. BY CLOSING THE OUTPUT VALVE THE REFLUX MAY BE ADJUSTED TO THE DESIRED RATIO.

ELLIPTICAL
COLLECTOR PLATE

SOLDER

OVERFLOW LEVEL

TAKE-OFF
VALVE

PARTS LIST

1/4" - 20' L COPPER TUBING
2"x12" L CONDENSER TUBE
2"x3" L CONNECTOR TUBE
2"x3" L SHORT TUBE TUBE
2"x3" L CONNECTOR TUBE
2"x30" L REFLUX TUBE

