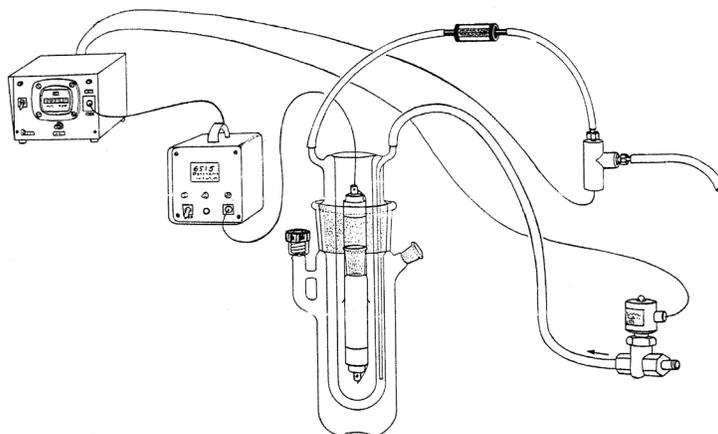


## Assembly/Operating Instructions

# Ace Photochemical Safety Cabinet 7836-20



1. Place Cabinet in area that has adequate ventilation (*at least a 10% exchange of area volume per minute*).
2. Locate key to open Cabinet door. Familiarize yourself with the Cabinet contents: i.e., 1/2" O.D. vertical mounting rod; two pin sockets (*lower right*); twin power outlets (*top right*)—one for plug-in service lamp (*bulb*), one for magnetic stirrer, etc.; on/off switch that controls twin outlets and exhaust fan (*located behind top light shield*); and bottom shield with two holes to outside. Also, on door jamb, notice safety switch that works in conjunction with pin sockets, inside Cabinet, and cord in back outside of Cabinet with male pin plugs. Finally, locate three-prong power plug and cord coming from rear outside of Cabinet.
3. Plug three-prong power plug, from back of Cabinet, into 120v power source. (*Supplies power to Fan and Duplex Outlet controlled by light switch*)
4. ACE U.V. Lamps are supplied with a separate cord with two prongs at one end, other end has female pin sockets. Connect male pins from back of Cabinet into female pins on separate cord, plug two-prong plug into square outlet on front of ACE U.V. Power Supply.
5. Plug U.V. Power Supply power cord into 120v power source. **Note:** *If 12168 ACE Water-Flo Power Cut-Off is used, then plug Power Supply cord into Power-Cut-Off outlet and plug Power Cut-Off supply cord into power source.*
6. Install Photochemical Reactor in Cabinet using mounting rod, if necessary.
7. Insert two water hoses through holes in lower rear of Cabinet, around light shield, and attach inlet/outlet of reactor immersion well and/or condenser; other ends to be connected to water source and drain.
8. Plug male pin jacks on U.V. Lamp into pin sockets inside Cabinet.
9. Plug service light bulb into top socket of duplex power outlet located in upper right inside Cabinet.
10. Use ON/OFF switch to turn ventilation fan and service light on.
11. Switch U.V. Power Supply switch to on position, close door and lock. Lamp will now light. If for any reason you should open door, safety switch will cause lamp to go out. **Note:** *When door is again closed, lamp may not fire until it is sufficiently cool.*
12. Obey all U.V. safety procedures when operating U.V. equipment.



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