

## D.E. (Diatomaceous Earth) FILTER OPERATIONS

### A. Start Up:

**Start** pump to establish water flow. **Make sure** water is flowing strongly out of the return into the pool.

### B. Precoating:

**Add** the correct amount (lbs. of D.E.) to the skimmer. Filtration begins when the D.E. is added through the skimmer.

### C. Regeneration:

Pressure will rise and flow diminish as filter gets dirty. **Shut off pump; wait** 2 minutes and **turn back on**. D.E. will fall off then reattach. Pressure gauge will go back down to normal.

### D. Regular Filter Cleaning:

When pressure stays increased or increases quickly, **shut off pump; shut off both slide valves** on filter pipes; **open drain plug** on bottom and **open air vent** on top. **Drain** contents of filter slide valves, **open slide valves** and **restart** pump to flush remaining D.E. out of filter. **Shut off** and **close** valves. **Replace** bottom plug on filter, **open** slide valves and **go back** to start up procedure (see above **A. Start Up**).

### E. Dismantle:

If needed when filter is drained, **take apart filter** by removing center filter clamp. Do this by pulling up on 2 spring handles on either side of the center clamp and twist to remove. **Pull off top** and **remove element** inside. **Spray off and replace**; the element only fits in one way. **Replace** top and center clamp. **Tighten** until handle springs click into place. **Open valves** and **return to** start up procedure (see above **A. Start Up**).

### F. Pump Basket Removal:

**Shut off** pump and slide valves. **Remove** clear plastic top on pump. **Remove and clean** basket and **replace**. **Put on** pump top, **open valves** and **restart pump**.

Filter Name \_\_\_\_\_

lbs. of D.E. \_\_\_\_\_