

**Filter Cleaner:**

A multi-purpose granular formulation that cleans and unclogs filters from grease, oils and scale. Great for use on all types of swimming pool filters.



**Features:**

- Generates Oxygen to assist with the cleaning function.
- Multi-purpose, granular formulation cleans many types of filters. (Regenerative Media, Sand, Cartridge, D.E. Filters)

**Instructions for Use:**

Defender® Filters

1. Remove viewing window and manually wash off tube elements, reinstall viewing window.
2. Vacuum the suggested amount of chemical cleaner into the tank. See chart below.
3. Fill tank with water to the top.
4. Pre-coat for (2) minutes.
5. Open the pre-coat vent line to dissipate pressure build up.
6. Turn key switch to "maintenance mode" or "element cleaning mode".
7. The filter will automatically bump (6) times every 15 minutes.
8. Soak for at least (1) hour minimum.
9. Drain and fill the tank twice to remove all cleaner residues.
10. Go to "Loading of media into system – Vacuum Transfer" instructions.

For Sand Filters

1. Backwash filter then drain. Close drain valve.
2. Prepare Filter Cleaner solution (11 oz. cleaner per 5 gal. of water).
3. Add sufficient solution to cover sand.
4. Keep man-way open during soaking to dissipate pressure build-up.
5. Allow to soak for a minimum of (1) hour minimum.
6. Backwash until backwash water runs clean.
7. Return filter to normal operation.

**Size:**

25 lb pails (Part # 13250) & 55 lb pails (Part # 13251)

**(-) 55# PAIL(S) REQ'D**

**Recommended Cleaning Frequency:**

- INDOOR POOLS:
  - Water parks and multi use community centers – Twice annually.
  - Competition pools/Lap pools/Dive pools etc. - Once annually.
- OUTDOOR POOLS:
  - Up to 4 months of operation – At end of season.
  - Up to 9 months of operation – At middle and end of season.
  - Year round operation – Three times at convenient intervals.

**\*\*CHEM-CLEAN EXPRESS QUANTITIES\*\***

**Suggested pounds (kg.) of cleaner per Defender® tank size:**

Defender Model #	Volume (Gallons)	Volume (Liters)	Suggested Pounds (lbs.) of cleaner	Suggested Kilograms (kg.) of cleaner
SP-18-48-176	66	249.8	12.5	5.66
SP-24-42-327	128	484.5	20	9
SP-27-48-487	159	601.9	25	11.33
SP-33-48-732	250	946.4	37.5	17
SP-41-48-1038	441	1669.4	55	25
SP-49-48-1548	615	2328.0	80	36.2
SP-55-48-2076	841	3183.5	110	50

\*Please call for quantities of filters that are not listed. \*Call for tank capacities associated with sand filters. 8/21/12