



Engineering note Sand Filter cleaning procedure

Introduction

This procedure is recommended either at the beginning, or at the end of the bathing/swimming season, immediately before closing down the pool. This procedure is highly recommended for pools and spas for which UV Shield® or a product including PHMB/biguanide has been used.

Cleaning solution preparation

- Add ¾ cup or 225 g of UV Shield Cleaner® per gallon of water (3.785 litres)
- Stir while dissolving
- Allow to stand for 5 minutes

Please see below for the preparation of the actual volume of the solution needed.

Procedure for filters which have been backwashed (pool opening)

- Dismantle the filter head
- Fully drain the filter
- Replace the drain top
- Prepare the volume of cleaning solution required as follows:

$$V \text{ (litres)} = 157,1 \times D^2 \times H$$

D : filter diameter (m)

H : sand height (m)

- Pour in the cleaning solution ensuring that the level of the liquid is at 1 cm minimum above the sand surface.
- Leave to react for 48 hours
- Close the filter head
- Open the floor drains and waste plug
- Backwash. In order to remove the waste and the UV Shield Cleaner® solution completely, this must be done under high pressure.

TPE Technologies inc.

12260, Green Lane Montréal, QC, Canada, H4K 2C3
Téléphone : (514) 745 6665 Télécopie : (514) 745 8652
info@uvtech.ca www.uvtech.ca