

LEVEL 1 MEDIA

Advantages:

- Minimal cementing due to slower reaction with acidic water
- Inexpensive

Physical Properties:

- Color- white, off white, light grey
- Density- 100 lbs/cu ft
- Composition- >95% CaCO₃ <3% MgO₂

Operating Conditions:

- Water pH 6.5 and above
- Bed Depth 25-30"
- Backwash flow rate – 8-12 gpm
- Service Flow rate 3-6 gpm/cu ft of media

LEVEL 2 & 3 MEDIAS

Advantages:

- Can be used and blended with multiple medias to adjust pH
- Higher flow rates with less contact time needed to achieve desired results

Physical Properties:

- Color- yellowish-white
- Density- 75 lbs/cu ft
- Material- 97% > MgO₂

Operating Conditions:

- LEVEL 2 – pH 5.8 to 6.49
- LEVEL 3 – Ph 5.1 to 5.79
- LEVEL 4 – pH lower than 5.0 units (call for recommendations)
- Bed Depth 25-30"
- Backwash Rate- 8-12 gpm and backwash frequently to prevent cementing
- Service Flow rates- 4-7 gpm/cu ft of media

MMB MEDIA

Advantages:

- Light weight (more bed expansion in backwash)
- Hi service flow rates
- Solves multiple water concerns

Physical Properties:

- Color- light grey, white or yellowish, black and dark grey
- Density- 50 lbs/cu ft

Operating Conditions:

- Water pH 5.0 to 6.0 (treated water pH should be between 7.4 and 8.0)
- Iron (Fe++) < .3 mg/l
- Backwash Rate-8-12 gpm/cu ft of media
- Service Flow Rate- 3.5 to 5 gpm/cu ft of media
- Dissolved Oxygen Content should be a least 15% of iron content level
- Bed should sit wet over night before full backwash is applied

Fill tank with water and Media and let stand for 24hrs. to saturate:

When using MMB Media, it is recommended that the Media should not be backwashed for at least 24 hrs after the tank and media are filled with water. To avoid materials from backwashing up and into the control valve or upper basket due to its light weight.

Please refer to sizing charts herein as media will not perform in the wrong size tank or one that is improperly filled. For help in sizing your tank for your house hold, please email

info@purelywaterfilters.com

TANK SIZE CHART



Tank Size

Max Fill Line

Measurement from bottom of tank up**

Buckets You Need Completely Empty Tank
(including recommended gravel support bed)

*9"x 48" (1 cu ft)
10"x 54" (1.5 cu ft)
12"x 48" (2 cu ft)
13"x 54" (3 cu ft)

32"
36"
32"
36"

2
3
3
4

Tank Size

Minimum Fill Line***

(Material should never fall below this mark)

*9"x 48" (1 cu ft)
10"x 54" (1.5 cu ft)
12"x 48" (2 cu ft)
13"x 54" (3 cu ft)

Keep Full*
12" below Max line
10" below Max line
7.5" below Max line

NOTATIONS

*This size tank is only recommended for a one person household with a pH of above 6.5
9 x 48 Tanks are generally considered too small for effective acid neutralization

** Never add media more than 2/3 of the total height of the tank

*** Acid Neutralizing Tanks should be refilled yearly