

# Volumetric Filter

ULTIMATE FILTER PERFORMANCE

For residential and semi-commercial pools



 **Emaux**  
water technology

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روبروی پالایشگاه نفت پارس، پلاک ۱۲

# Product Features

Tank Material

**HDPE**

Max Operating Pressure

**58 psi / 4 bar**

Max Temperature

**50°C (122°F)**

Suggested Size of Media

**0.5-0.8mm**

## Advantages

**Better Water:** 30% more volume of filtration bed compared to other filters in the market improves the filtration quality.

**Less Backwash:** The high volume of filtration bed allows the filter to trap more dirt and as a result, less frequency of backwash is required.

**User-friendly:** Easy to install, maintain and replace. Affordable spare parts available.

**High compatibility:** High compatibility: The filter and its components are compatible with all different kinds of pool applications.

**Robust Performance:** HDPE filter body provides the best protection under any extreme weather conditions.

## Volumetric Filter

### ENGINEERED FOR THE DIFFERENCES

The one-piece blow molded tank combines the technologies of structural engineering for high-density polyethylene material with manufacturing processes to maximize the strength of the filter. It is perfectly suited for all pools with different disinfection systems (Salt chlorinator, Ozone, UV, and chemical dosing).

The Volumetric Filter is designed for the best clarity of filtered water and has an outstanding pressure standard among the market benchmarks.

The filter incorporates a multiport valve manufactured from robust components to create the most efficient, reliable, and user-friendly filter positioning it in the market for the best return on investment.



Model: T450

Model: T500

#### Volumetric Filter is equipped with:

1. 6-way clamp style multiport valve (1.5"MPV07, 2"MPV08)
2. universal standard of union connection
3. pressure gauge
4. ABS lateral system

## Professional approach for creating better water

### 1. 6-Way Multiport Valve

Unique design allows tool-free service and maintenance

### 2. Filtration Bed

30% higher filtration bed promotes deeper water filtration for better water quality

### 3. Drain Cover

Robust and reliable to reduce operating and maintenance cost

### 4. Handy Clamp Lock

The hinged clamp allows 360° rotation of the valve to simplify installation and plumbing work

### 5. Filter Tank

The innovative T-shaped filter tank is designed for better backwashing. The tank in HDPE material can withstand higher water pressure and temperature

### 6. Double-Layered Lateral System

Benefits from uniform filtered water collection and provides thorough backwashing of the filter media



## Product Dimension:

Model	A mm	B mm	C mm
T450	964	457	353
T500	1040	508	400
T600	1090	610	457
T700	1180	711	516
T600B	1142	610	457
T700B	1232	711	516

## Technical Information

Code	Model	Filter Area (m <sup>2</sup> )	Valve Connections	Max Flow Rate	Sand (kg)
88016003	T450	0.16	1.5" / 50mm	8.0m <sup>3</sup> /h	75
88016004	T500	0.20	1.5" / 50mm	10.0m <sup>3</sup> /h	95
88016046	T600	0.29	1.5" / 50mm	14.6m <sup>3</sup> /h	165
88016007	T700	0.39	1.5" / 50mm	19.5m <sup>3</sup> /h	200
88016047	T600B	0.29	2.0" / 63mm	14.6m <sup>3</sup> /h	165
88016008	T700B	0.39	2.0" / 63mm	19.5m <sup>3</sup> /h	200

