



Diablo Aqua Solutions Pressure Filter Automatic

USER MANUAL

Model Numbers:

DPFA-5000

DPFA-10000

DPFA-15000

DPFA-20000

DPFA-30000

DPFA-50000

diabloaquasolutions.com.au

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Diablo Pressure Filter Automatic

Model Numbers:

DPFA-5000 | DPFA-10000 | DPFA-15000 | DPFA-20000 | DPFA-30000 | DPFA-50000

*Sealed and
leak-proof,
multiple
protection.*

The **Diablo Aqua Solutions
Pressure Filter Automatic**
Multi-filter high-efficiency
water purification



Cultivates the
ecosystem and
cares for the
health of
water quality.

Diablo Pressure Filter Automatic

This high-efficiency water purification system utilizes a multi-filter design to enhance water quality, fostering a healthier ecosystem. With the addition of Bio Filter Cotton, it effectively filters out impurities while supporting the growth of nitrifying bacteria to ensure clean and safe water.

Key Features Diablo Pressure Filter Automatic

Model Numbers:

DPFA-5000 | DPFA-10000 | DPFA-15000 | DPFA-20000 | DPFA-30000 | DPFA-50000

The Diablo Aqua Solutions Pressure Filter Automatic is a high-performance filtration system designed to efficiently remove impurities from water under pressure. Featuring automatic operation, it provides consistent filtration with minimal maintenance, ensuring clean and clear water at all times.

Ideal for both residential and industrial use, it enhances water quality with its reliable, self-cleaning mechanism.

- **Multi-Filter System:** Combines several layers of filtration for superior water purification.
- **Bio Filter Cotton:** Efficiently filters impurities and promotes beneficial bacteria for optimal water quality.
- **Eco-Friendly:** Supports a balanced ecosystem by improving water health and purity.

Specifications Diablo Pressure Filter Automatic

Model Numbers:

DPFA-5000 | DPFA-10000 | DPFA-15000 | DPFA-20000 | DPFA-30000 | DPFA-50000

Model	DPFA-5000
Specifications (L x W x H)	380 x 380 x 410
Barrel Volume	20L
Flow	3800L/H
Suitable fish for pond	4m ³
Perfect for decorating ponds	8m ³
Germicidal lamp power	11W
Line length	4.85M
Inlet and outlet mm	20/25/32/38

Specifications Diablo Pressure Filter Automatic

Model Numbers:

DPFA-5000 | DPFA-10000 | DPFA-15000 | DPFA-20000 | DPFA-30000 | DPFA-50000

Model	DPFA-10000
Specifications (L x W x H)	380 x 380 x 520
Barrel Volume	25L
Flow	5800L/H
Suitable fish for pond	6m ³
Perfect for decorating ponds	12m ³
Germicidal lamp power	11W
Line length	4.85M
Inlet and outlet mm	20/25/32/38

Model	DPFA-15000
Specifications (L x W x H)	380 x 380 x 730
Barrel Volume	38L
Flow	7000L/H
Suitable fish for pond	15m ³
Perfect for decorating ponds	30m ³
Germicidal lamp power	18W
Line length	4.85M
Inlet and outlet mm	20/25/32/38

Specifications Diablo Pressure Filter Automatic

Model Numbers:

DPFA-5000 | DPFA-10000 | DPFA-15000 | DPFA-20000 | DPFA-30000 | DPFA-50000

Model	DPFA-20000
Specifications (L x W x H)	450 x 450 x 550
Barrel Volume	50L
Flow	10000L/H
Suitable fish for pond	20m ³
Perfect for decorating ponds	40m ³
Germicidal lamp power	36W
Line length	4.85M
Inlet and outlet mm	32/38/50

Model	DPFA-30000
Specifications (L x W x H)	450 x 450 x 715
Barrel Volume	75L
Flow	12000L/H
Suitable fish for pond	30m ³
Perfect for decorating ponds	60m ³
Germicidal lamp power	55W
Line length	4.85M
Inlet and outlet mm	32/38/50

Specifications Diablo Pressure Filter Automatic

Model Numbers:

DPFA-5000 | DPFA-10000 | DPFA-15000 | DPFA-20000 | DPFA-30000 | DPFA-50000

Model	DPFA-50000
Specifications (L x W x H)	600 x 600 x 815
Barrel Volume	170L
Flow	14000L/H
Suitable fish for pond	50m ³
Perfect for decorating ponds	100m ³
Germicidal lamp power	55W
Line length	4.85M
Inlet and outlet mm	32/38/50

Unit Overview

Model Numbers:

DPFA-5000 | DPFA-10000 |

DPFA-15000



Unit Overview

Model Numbers:

DPFA-50000 | DPFA-20000 |
DPFA-30000



DPFA-50000



DPFA-20000



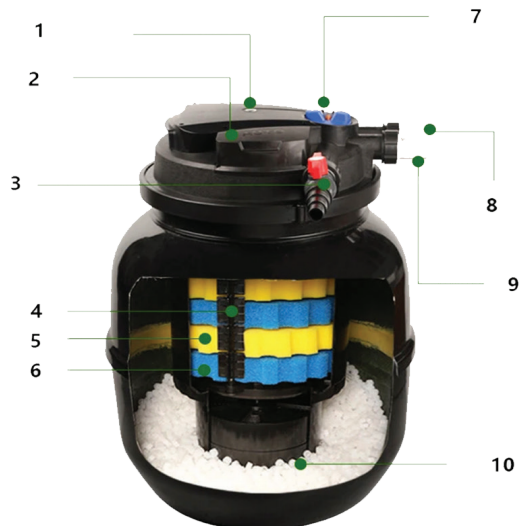
DPFA-30000

Parts Diablo Pressure Filter Automatic

Model Numbers:

DPFA-5000 | DPFA-10000 | DPFA-15000 | DPFA-20000 | DPFA-30000 | DPFA-50000

1	Ultraviolet light, blue indicates working state.
2	Cleaning motor
3	Sewage Outlet
4	Rotating Cleaning Rod
5	Fine-porous Biochemical Cotton
6	Coarse-pored Biochemical Cotton
7	Function Switch (filtering and sewage switching)
8	Water Inlet
9	Water Outlet
10	Enhanced Biochemical Ball



Installation Instructions **Diablo Pressure Filter Automatic**

Model Numbers:

DPFA-5000 | DPFA-10000 | DPFA-15000 | DPFA-20000 | DPFA-30000 | DPFA-50000



Step 1: Install the cleaning rocker



Step 2: Install the water inlet



Step 3: Install the water outlet



Step 4: Install the plug



Step 5: Block the sewage outlet

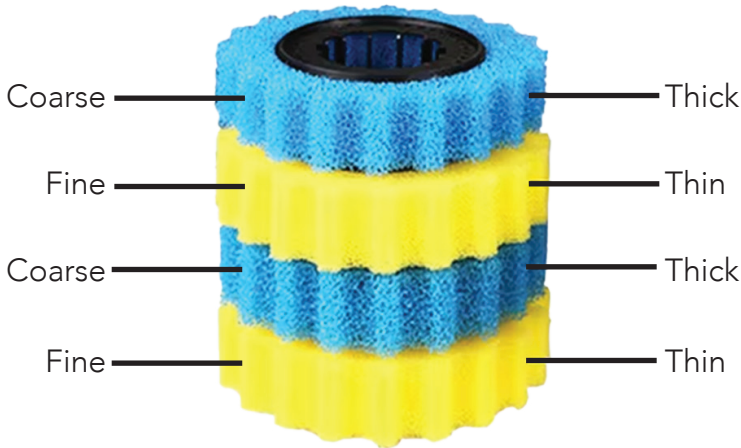
Filter the Barrel.
If there's a need for sewage cleaning,
Open the water pipe again.

Bio Filter Cotton Diablo Pressure Filter Automatic

Model Numbers:

DPFA-5000 | DPFA-10000 | DPFA-15000 | DPFA-20000 | DPFA-30000 | DPFA-50000

Parts



The **Bio Filter Cotton** filters impurities nitrifying bacteria
This can be washed and used repeatedly.

It is recommended to replace this in about 10 months.

To ensure a balanced flow of biological sponge that can effectively ensure
the reproduction and survival of nitrifying bacteria.

After long-term operation, the silt will occupy part of the sponge space.

You need to turn on the automatic cleaning switch regularly to discharge the
pollutants, so that the nitrifying bacteria breeding space is always in the best
condition.

NEEDS ATTENTION:

The biochemical filter needs 24 hours uninterrupted operation.
A month later, the biochemical effects are the best.

If the environment is less than 5 degrees celsius this product should be
turned off, as it can damage the filter.

Cleaning and removing the Bio Filter Cotton

Diablo Pressure Filter Automatic

DPFA-5000 | DPFA-10000 | DPFA-15000 | DPFA-20000 | DPFA-30000 | DPFA-50000



1. Open the filter barrel ring
2. Take out the upper half of the filter barrel
3. The rotary joystick can be cleaned with the filter cotton.
4. Open the bottom screw.
5. Unscrew the filter barrel support frame
6. Take out the filter barrel chassis
7. Take out the filter cotton upon turning.
8. Remove the filter cotton. The filter cotton can be replaced.

Note: The whole chassis shall be rotated when the filter barrel of the model is disassembled. Some types of Cannister filter needs to rotate the whole bottom when disassembled.



During installation please select a suitable access position corresponding to the pipe diameter, and saw off the rest to ensure sufficient water volume.



Gasket Essential

Reminder: Please pay attention to the local temperature. When the temperature is lower than 5 degrees Celsius, the product should be stopped to prevent freezing. In order to ensure the normal operation of the product in the coming year, please take the pump out of the water, rinse the barrel and let it dry.

Diablo Pressure Filter Automatic UV Light

Model Numbers:

DPFA-5000 | DPFA-10000 | DPFA-15000 | DPFA-20000 | DPFA-30000 | DPFA-50000

Parts
UV Light



UV Light
Indicator

*Ultraviolet light,
blue indicates
working state.

The UV Light can continue working about 8000 hours.

Disassembling the UV Light

Diablo Pressure Filter Automatic

DPFA-5000 | DPFA-10000 | DPFA-15000 | DPFA-20000 | DPFA-30000 | DPFA-50000

Steps to Disassemble the UV Light

(Refer to the images below)



1. Unscrew the screw



2. Take out the UV lamp



3. UV lamp display



4. Take out the UV lamp shade



5. Take out the sealing ring



6. Pull out the UV lamp

Bio Balls Diablo Pressure Filter Automatic



Enhanced Bio Ball

Model Number:
DPFA-50000



Single-Deck Bio Ball

Model Numbers:
DPFA-3500/10000/20000



Double-Deck Bio Ball

Model Numbers:
DPFA-1500/30000/50000

Cleaning and Maintenance

Model Numbers:

DPFA-5000 | DPFA-10000 | DPFA-15000 | DPFA-20000 | DPFA-30000 | DPFA-50000

3-Easy Cleaning Steps

(Refer to the images below)

1. Rotate the backwash function switch to the direction of the backwash outlet.



2. Rotary Cleaning handle



3. Backwash is completed, and the function switch points to the open water port.



Warranty & Customer Support

Model Numbers:

DPFA-5000 | DPFA-10000 | DPFA-15000 | DPFA-20000 | DPFA-30000 | DPFA-50000

For customer support or warranty enquiries, please contact
Diablo Aqua Solutions at **Support@diabloaquasolutions.com.au**.

Guaranteed 2-Year Warranty:

Duration: Typically lasts 2 years from the date of purchase.

Coverage: The limited warranty typically covers only manufacturing defects or issues arising from normal use. It may not cover damage caused by improper handling, misuse, or neglect.

Benefits: Offers basic coverage for the first few years of use.

This warranty is typically sufficient for users who expect minimal maintenance or issues with the product.

2-Year Warranty for Diablo Aqua Solutions Products: This warranty covers defects in materials or workmanship under normal use for a period of two (2) years from the date of purchase.

Conditions and Exclusions: Proof of Purchase: A valid proof of purchase (e.g., receipt or invoice) must be provided to claim the warranty.

Warranty Process: To initiate a warranty claim, contact business of purchase with the product details and proof of purchase. The company may require the return of the product for inspection before offering a repair, replacement, or refund.

This warranty ensures that Diablo Aqua Solutions products meet high standards of quality, offering peace of mind for the full two-year period.

Diablo Aqua Solutions

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