

For Residential and Light Commercial Applications

Job Name _____

Contractor _____

Job Location _____

Approval _____

Engineer _____

Contractor's P.O. No. _____

Approval _____

Representative _____

Series PWFGAC

Whole House Carbon System

Connection Size: 1" (25mm)

Flow Rate: up to 14 gpm (53 lpm)

Watts Whole House filters for chlorine taste, odor, and sediment removal.

Our PWFGAC Series activated carbon filters are designed for residential and light commercial applications up to 14 gallons per minute. Watts activated carbon filters are highly popular because they correct a wide range of water quality issues by removing chlorine, taste, odors, organic chemicals, and sediment.

Activated carbon has been used in the treatment of drinking water for over 2000 years. It was found that charred wood products aided in improving the quality of drinking water.

Media

We use Aquasorb® coconut shell activated carbon. This is a high-activity granular activated carbon manufactured by steam activation of select coconut shell charcoal. Its high microporosity makes it particularly well suited for the adsorption of low molecular weight compounds at very low concentrations. It is also ideally suited for the removal of oxidizing agents such as chlorine from drinking water. Another important feature of this activated carbon is its superior mechanical hardness which helps ensure a clean, low dust product with an exceptionally long life span.

Control Valve

Manufactured from high-tech materials, the PWF Series valve has been engineered and tested to perform in the most demanding environments. It has built a reputation of being one of the most reliable valve platforms in the industry. All surfaces contacted by water are made from 100% polymer components so that corrosion from acidic water and brine are no longer a concern.

Filter Tank

Features a non-corrosive fiberglass tank with a thermoplastic inner liner. The tanks are NSF/ANSI Standard 44 or 61 certified.

⚠ WARNING

Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

NOTICE

This Submittal is not intended to provide full installation instructions and safety information. In order to avoid property damage or injury, please refer to the complete installation manual and product safety information provided with the product.

Watts product specifications in U.S. customary units and metric are approximate and are provided for reference only. For precise measurements, please contact Watts Technical Service. Watts reserves the right to change or modify product design, construction, specifications, or materials without prior notice and without incurring any obligation to make such changes and modifications on Watts products previously or subsequently sold.

PURE WATER



PWFGAC

Benefits

- Great tasting water from every tap in your house!
- No bad tastes!
- No foul odors!
- Crystal clear water for drinking, bathing, and cooking!
- User-friendly equipment.
- Low maintenance due to automatic operation.

System Specifications

- Minimum inlet pressure: 30 psig
- Maximum operating pressure: 125 psig
- Minimum water temperature: 34°F (1°C)
- Maximum water temperature: 110° F (43°C)

Power

- Voltage: 120VAC
- Frequency: 60Hz
- Power consumption: 7 Watts Maximum

Installation

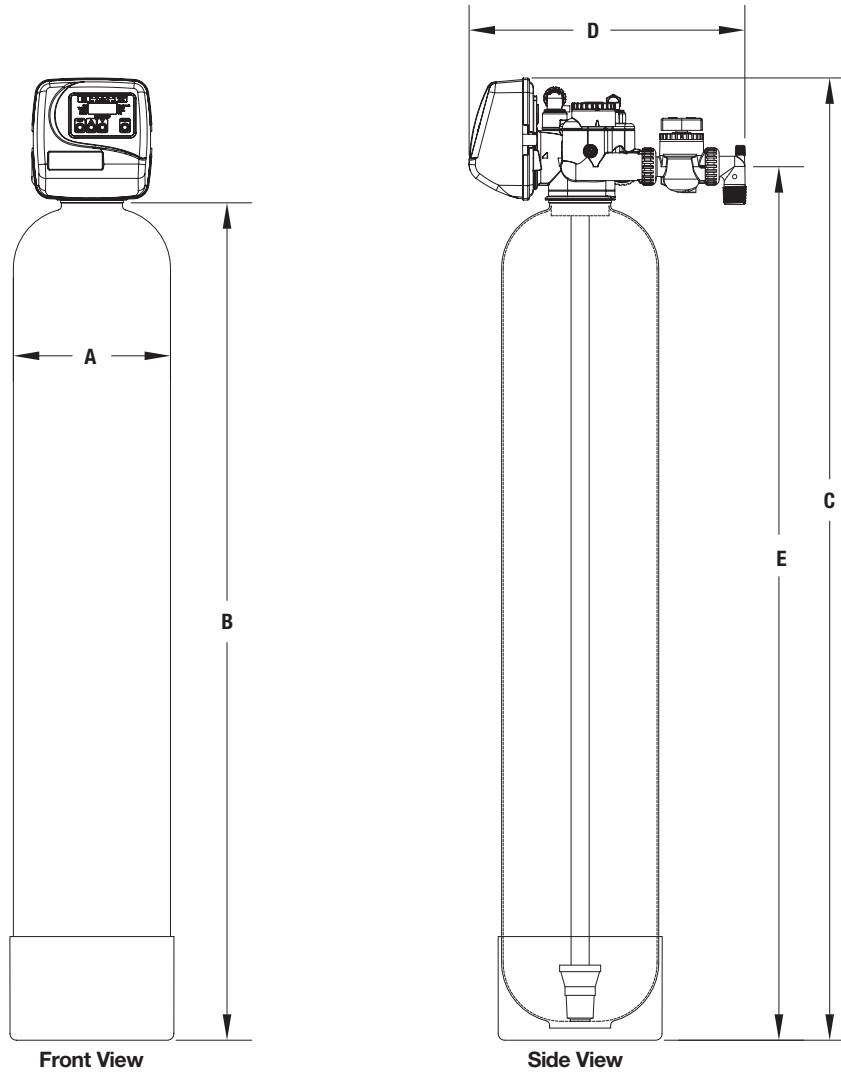
- Location: Indoors (Protect from direct sunlight)
- Minimum ambient temperature: 34°F (1°C)
- Maximum ambient temperature: 122°F (49°C)

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| MODEL NO. | VALVE | MINERAL TANK SIZE | MEDIA CUBIC FOOT | GRAVEL (LBS) | PEAK SERVICE FLOW (GPM) | PRESSURE DROP (PSI) | BACK WASH (GPM) | FLOOR SPACE LXWXH |
|-----------|------------|-------------------|------------------|--------------|-------------------------|---------------------|-----------------|-------------------|
| PWFGAC1 | Time Clock | 9" X 48" | 1 | 10 | 4 | <15 | 4.2 | 16" X 10" X 55" |
| PWFGAC15 | Time Clock | 10" X 54" | 1.5 | 10 | 6 | <15 | 5.3 | 16" X 11" X 62" |
| PWFGAC2 | Time Clock | 12" X 52" | 2 | 30 | 8 | <15 | 7.5 | 17" X 13" X 60" |
| PWFGAC3 | Time Clock | 14" X 65" | 3 | 40 | 11 | <15 | 10 | 18" X 14" X 74" |
| PWFGAC4 | Time Clock | 16" X 65" | 4 | 60 | 14 | <15 | 11 | 20" X 17" X 74" |

***Note:** Peak service flow rate is for intermittent use only and is not to be interpreted as continuous service flow rate capability. These systems are designed to treat the domestic water used in a single family dwelling. For irrigation water treatment or higher volume applications please contact your Watts representative. Peak service flow rates are based on a 15 psi drop. Optimum service flow rate is specific to water chemistry and will vary.



Dimensions — Weights

| MODEL NO. | MINERAL TANK | | INLET | | OUTLET | | OVERALL HEIGHT | | OVERALL DEPTH | | SHIPPING WEIGHT | |
|-----------|--------------|------------|-------|------|--------|------|----------------|------|---------------|-----|-----------------|------|
| | A & B | | E | | E | | C | | D | | lbs. | kgs. |
| | in. | mm | in. | mm | in. | mm | in. | mm | in. | mm | | |
| PWFGAC1 | 9 x 48 | 229 x 1219 | 50.6 | 1285 | 50.6 | 1285 | 57.75 | 1416 | 16 | 406 | 80 | 36 |
| PWFGAC15 | 10 x 54 | 254 x 1372 | 56.75 | 1441 | 56.75 | 1441 | 62 | 1575 | 16 | 406 | 105 | 48 |
| PWFGAC2 | 12 x 52 | 305 x 1321 | 55 | 1397 | 55 | 1397 | 60 | 1524 | 16 | 406 | 145 | 66 |
| PWFGAC3 | 14 x 65 | 356 x 1651 | 67 | 1702 | 67 | 1702 | 72 | 1834 | 16 | 406 | 200 | 91 |
| PWFGAC4 | 16 x 65 | 406 x 1651 | 67 | 1702 | 67 | 1702 | 72 | 1834 | 16 | 406 | 265 | 120 |



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