

## Engineering Specification

Job Name \_\_\_\_\_

Contractor \_\_\_\_\_

Job Location \_\_\_\_\_

Approval \_\_\_\_\_

Engineer \_\_\_\_\_

Contractor's P.O. No. \_\_\_\_\_

Approval \_\_\_\_\_

Representative \_\_\_\_\_

# Series PWFGAC

## Whole House Carbon System

**WATTS®**  
pure water

Connection Size: 1"

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.

#### ⚠ 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.



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

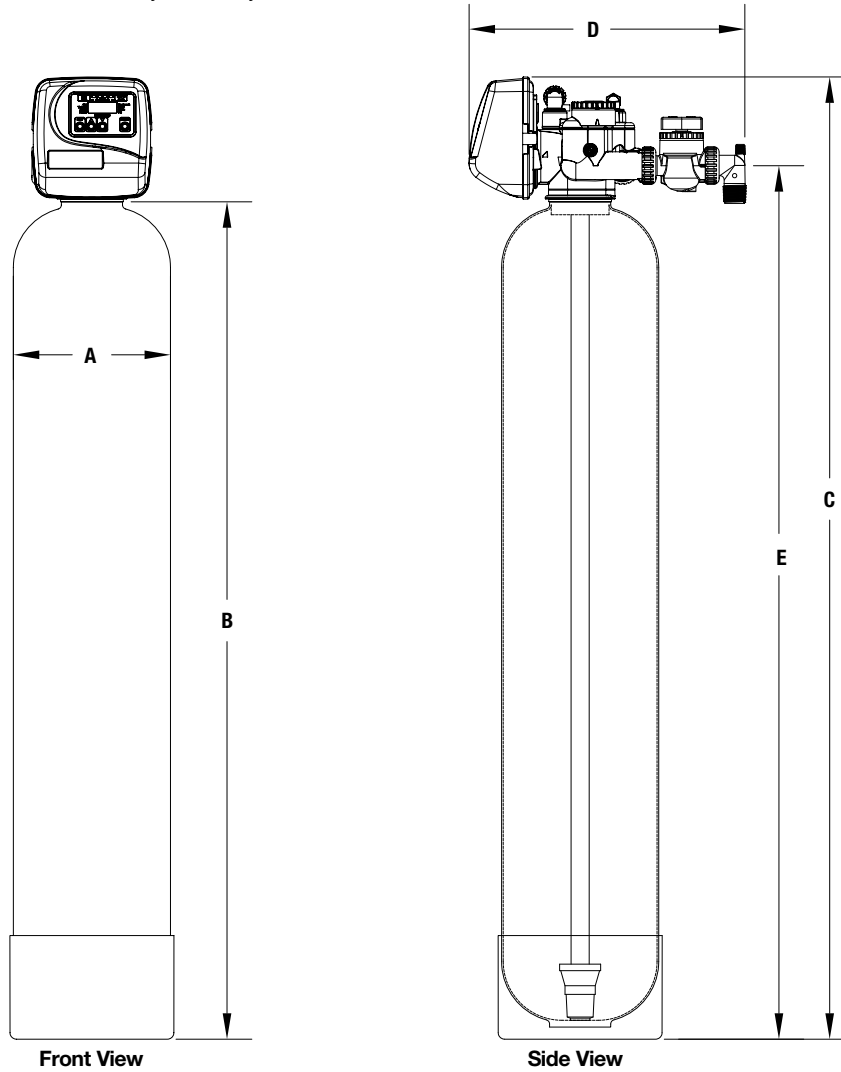
- Location: Indoors (Protect from direct sunlight)
- Minimum ambient temperature: 34°F (1°C)
- Maximum ambient temperature: 122°F (49°C)

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.

**WATTS®**

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

Call customer service if you need assistance with technical details.

MODEL NO.	MINERAL TANK		INLET		OUTLET		OVERALL HEIGHT		OVERALL DEPTH		SHIPPING WEIGHT	
	A & B		E		E		C		D			
	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	lbs.	kgs.
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



USA: Tel: (800) 659-8400 • Watts.com/PureWater

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