

## For Residential Applications

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

Contractor \_\_\_\_\_

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

Approval \_\_\_\_\_

Engineer \_\_\_\_\_

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

Approval \_\_\_\_\_

Representative \_\_\_\_\_

# Series PWBWMZ

## Residential Backwashing Filter Systems

# PURE WATER

**Connection Sizes: 1" (25mm)**

**Flow Rates: Up to 15 gpm (57 lpm)**

### Watts Whole House filters for superior sediment removal.

Watts filtration systems for sediment removal use our high performance Micro Z™ filter media to provide increased loading capacities and higher service flow rates. Micro Z™'s unique external surface offers increased porosity to out perform sand filters by reducing water consumption. A Micro Z™ filter bed holds 2.8 times the amount of solids a sand bed holds, reducing backwash requirements by almost three times.

### Features

- High service flow rates
- Superior filtration performance!
- Reliable equipment designed for long-term service
- Reduces water consumption because the need to backwash is less
- High solids loading
- 3-5 micron particle size removal
- Single media filter bed

### Media

Our Micro Z™ is a special highly efficient granular filter media that has a nominal particle size removal of 3-5 micron. Compare that to sand at 30 micron. Micro Z™ allows sediment to penetrate deep into the bed for high loading efficiencies to reduce backwash demands and overall wastewater generation.

### Pro SE Series Control Valve

Manufactured from high-tech materials, the Series Pro SE control valve has been engineered and tested to withstand the equivalent of 27 years of uninterrupted daily use. The proprietary design features a Teflon® coated piston that glides through a series of seals and spacers. This seal/spacer and piston configuration is the most reliable design in valve technology. The valve features an electronic control for easy programming.

### Filter Tank

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

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PWBWMZ

### 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)

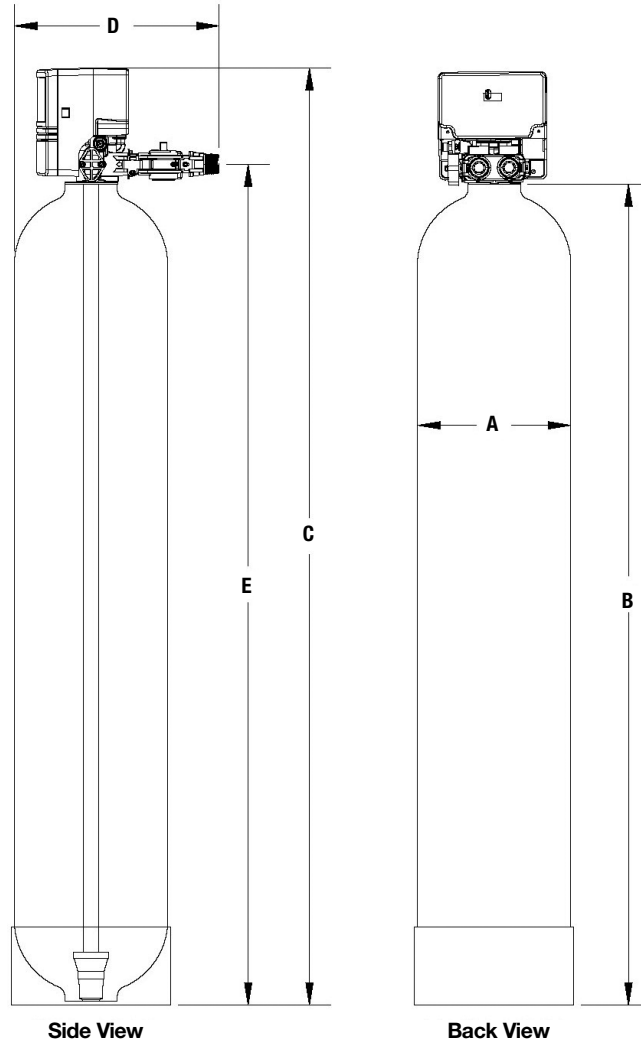
Maximum ambient temperature: 122° (49°C) F

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

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.



MODEL NO.	VALVE	MINERAL TANK SIZE	MEDIA CUBIC FOOT	GRAVEL (LBS)	SERVICE FLOW (GPM)	PRESSURE DROP (PSI)	BACK WASH (GPM)	FLOOR SPACE LXWXH
PWBWMZ1	Time Clock	9" X 48"	1	10	9	15	7	16" X 10" X 55"
PWBWMZ15	Time Clock	10" X 54"	1.5	10	10	15	9	16" X 11" X 62"
PWBWMZ2	Time Clock	12" X 52"	2	30	10	15	12	17" X 13" X 60"
PWBWMZ3	Time Clock	13" X 65"	3	40	15	15	15	18" X 14" X 74"



## Dimensions and Weights

MODEL NO.	TANK	IN	OUT	OVERALL HEIGHT	OVERALL DEPTH	SHIPPING WEIGHT	
	<b>A &amp; B</b>	<b>E</b>	<b>E</b>	<b>C</b>	<b>D</b>	<i>lbs.</i>	<i>kgs.</i>
PWBWMZ1	9" X 48"	50"	50"	56"	14"	98	44
PWBWMZ15	10" X 54"	56"	56"	63"	14"	129	59
PWBWMZ2	12" X 52"	54"	54"	61"	15"	179	81
PWBWMZ3	13" X 65"	67"	67"	73"	15"	253	115



A Watts Water Technologies Company



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