

For Residential Applications

Job Name _____

Contractor _____

Job Location _____

Approval _____

Engineer _____

Contractor's P.O. No. _____

Approval _____

Representative _____

Series RPVM1

Residential Purge, Drain and Balancing Valves

Sizes: $\frac{3}{4}$ " – $1\frac{1}{4}$ " (20 – 32mm)

Series RPVM1 Residential Purge, Drain and Balancing Valves provide a unique and low cost solution for start-up purging, balancing and draining of hydronic heating loops. Using a rugged, dual-ball valve design, the small and compact RPVM1 facilitates high volume purging, accurate balancing, tight shutoff and hose connection for draining and purging.

Features

- One-piece construction – no extra assembly required
- $\frac{1}{2}$ " ball valve purge port
- Positive shutoff dual-ball valve design – tight seal on balance port maximizes purging
- Cast purge port handle

Models

RPVM1-S solder inlet x solder outlet, $\frac{3}{4}$ ", 1", $1\frac{1}{4}$ "

RPVM1-ST solder inlet x female NPT outlet, $\frac{3}{4}$ ", 1", $1\frac{1}{4}$ "

Specifications

A purge, drain and balancing valve shall be installed where indicated on the plans. The valve shall facilitate high volume purging, accurate balancing, tight shutoff and hose connection for draining and purging. The valve shall feature a dual-ball valve design. The valve shall be a Watts Series RPVM1.

Materials

Body: Brass

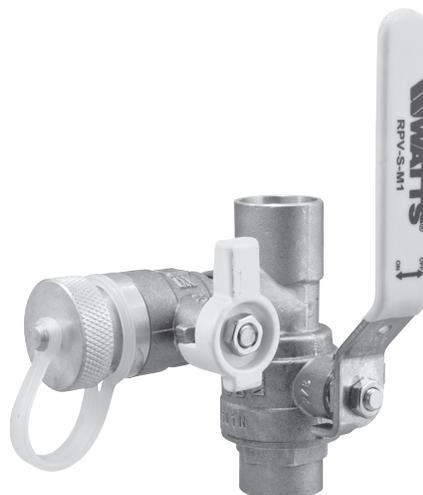
Ball: Plated brass

Seats: Virgin PTFE

Pressure – Temperature

Maximum Inlet Temperature: 250°F (121°C)

Maximum Working Pressure: 50psi (344 kPa)



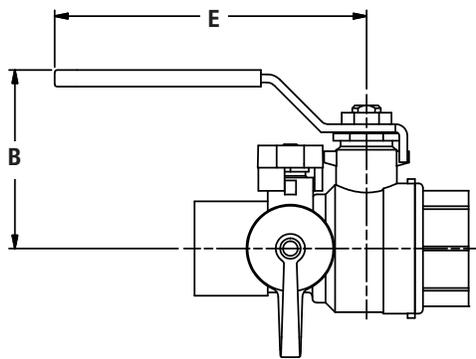
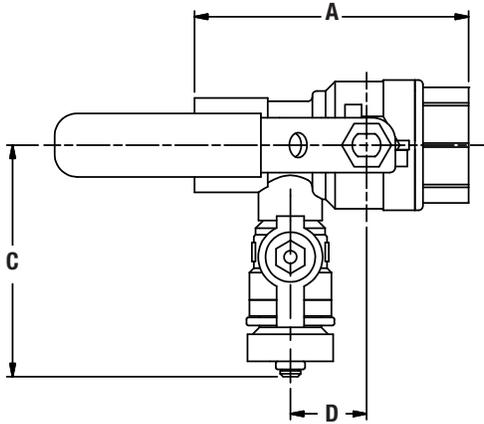
$\frac{3}{4}$ " RPVM1-S

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.

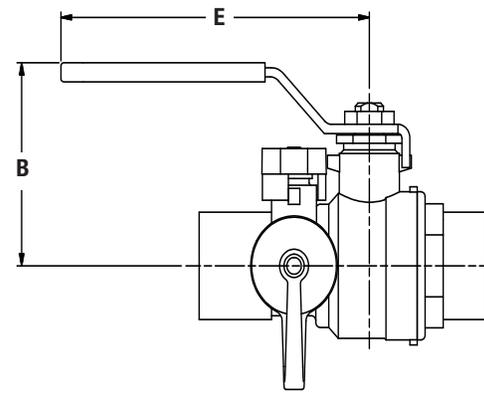
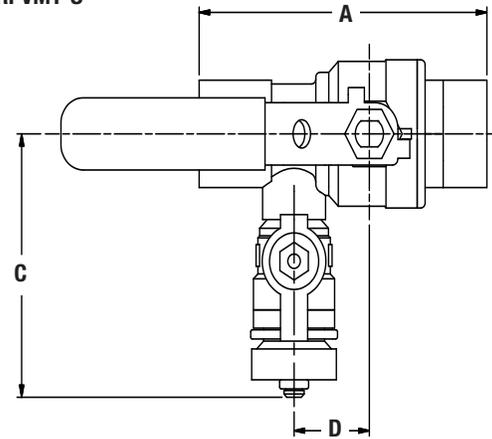
WATTS[®]

Dimensions – Weights

RPVM1-ST



RPVM1-S



MODEL	CONNECTIONS				DIMENSIONS								WEIGHT			
	<i>inlet</i>	<i>outlet</i>	Size		A		B		C		D		E		<i>lbs.</i>	<i>kgs.</i>
			<i>in.</i>	<i>mm</i>												
RPVM1-S	solder	solder	3/4"	20	3 5/16	84	2 7/16	52	3 3/16	81	7/8	22	4	102	1.0	0.5
RPVM1-S	solder	solder	1"	25	4	102	2 7/16	62	3 3/16	81	1 1/16	27	4 1/4	108	1.5	0.7
RPVM1-S	solder	solder	1 1/4"	32	4 3/8	111	2 9/16	65	3 5/16	84	1 3/16	30	4 1/4	108	2.0	0.9
RPVM1-ST	solder	FPT	3/4"	20	3 1/8	79	2 1/16	52	3 1/4	83	7/8	22	4	102	1.1	0.5
RPVM1-ST	solder	FPT	1"	25	3 3/4	95	2 7/16	62	3 3/16	81	1 1/16	27	4 1/4	108	1.6	0.7
RPVM1-ST	solder	FPT	1 1/4"	32	4 1/8	105	2 1/2	64	3 5/16	84	1 3/16	30	4 1/4	108	2.0	0.9



A Watts Water Technologies Company



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