

For Residential and Commercial Applications

Job Name _____
 Job Location _____
 Engineer _____
 Approval _____

Contractor _____
 Approval _____
 Contractor's P.O. No. _____
 Representative _____

Series 65 Radiator Supply Valves

Size: 1/2" – 1 1/2" (15 – 40mm)

Series 65 Radiator Supply Valves are designed for two-pipe steam or forced circulation hot/chilled water systems only.

Series 65 spring packless radiator supply valves are used on all heating and cooling equipment where manual control is desired. The spring packless design incorporates a spring loaded packing chamber which utilizes two heavy duty packing rings. This arrangement combined with the feature of a non-rising stem assures a positive seal against either steam or water. The valve will shut off tight permitting it to be used as a stop valve as well as a manual control valve.

Features

- Heavy duty packing spring automatically compensates for packing wear by keeping constant pressure on two non-asbestos packing rings
- Non-rising stem
- Constructed of heavy brass
- Positive guide arrangement
- Teflon® disc withstands temperatures up to 308°F
- Stainless steel retaining screw
- Rugged phenolic handle with recessed retaining screw

Models

SW-65 – Straightway pattern
 AP-65 – Angle pattern

Specifications

Series 65 Radiator Supply Valves shall be installed where noted for water operating pressures ranging from 0 to 60psi. Valve shall be manufactured out of heavy brass with Teflon® disc, stainless steel retaining screw, and phenolic handle. Valve shall have a maximum operating temperature of 308°F and steam pressure operating range of 25" Hg. vacuum to 60psi. Valve shall be a Watts Regulator Company Series 65.



AP-65

Materials

Body – Heavy brass
 Retaining Screw – Stainless steel
 Disc – Teflon®
 Handle – Phenolic

Pressure – Temperature

Steam Pressure Operating Range: 25" Hg. vacuum to 60psi
 Water Pressure Operating Range: 0 to 60psi
 Maximum Operating Temperature: 308°F
 Suitable for 125psi cold water hydrostatic test

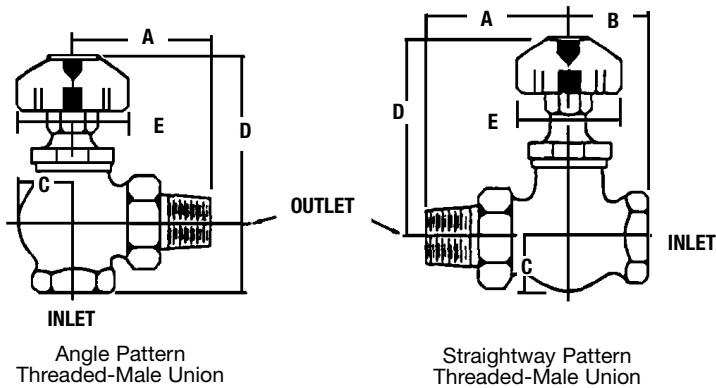
WATTS®

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Dimensions – Weights

SIZE		PATTERN	DIMENSIONS										WEIGHT	
(NPT)			A		B		C		D		E		lbs.	kgs.
in.	mm		in.	mm	in.	mm	in.	mm	in.	mm	in.	mm		
1/2	15	Angle	2 ⁷ / ₁₆	62	–	–	1 ¹¹ / ₁₆	17	3 ¹ / ₈	79	2 ¹ / ₄	57	1.4	.64
		Straightway	2 ⁷ / ₁₆	62	1 ⁷ / ₁₆	37	1 ¹¹ / ₁₆	17	3 ³ / ₈	86	2 ¹ / ₄	57	1.3	.59
3/4	20	Angle	2 ³ / ₄	70	–	–	1 ⁵ / ₈	24	3 ¹ / ₂	89	2 ¹ / ₄	57	1.7	.77
		Straightway	2 ³ / ₄	70	1 ⁵ / ₈	41	1 ⁵ / ₈	24	3 ⁷ / ₈	98	2 ¹ / ₄	57	1.7	.77
1	25	Angle	3 ¹ / ₈	79	–	–	1 ¹ / ₈	29	3 ¹¹ / ₁₆	94	2 ¹ / ₄	57	2.5	1.13
		Straightway	3 ¹ / ₈	79	1 ¹¹ / ₁₆	43	1 ¹ / ₈	29	4 ⁵ / ₁₆	110	2 ¹ / ₄	57	2.5	1.13
1 1/4	32	Angle	3 ⁵ / ₈	92	–	–	1 ⁵ / ₈	33	3 ¹¹ / ₁₆	94	2 ¹ / ₄	57	3.4	1.54
		Straightway	3 ⁵ / ₈	92	2 ¹ / ₁₆	52	1 ⁵ / ₈	33	4 ⁷ / ₁₆	113	2 ¹ / ₄	57	3.4	1.54
1 1/2	40	Angle	3 ¹⁵ / ₁₆	100	–	–	1 ¹ / ₂	38	3 ⁷ / ₈	98	2 ¹ / ₄	57	4.5	2.04

Series 65



WATTS®

Water Safety & Flow Control Products

ISO 9001
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