

spirax/sarco

Packless Radiator Supply Valve RV Series

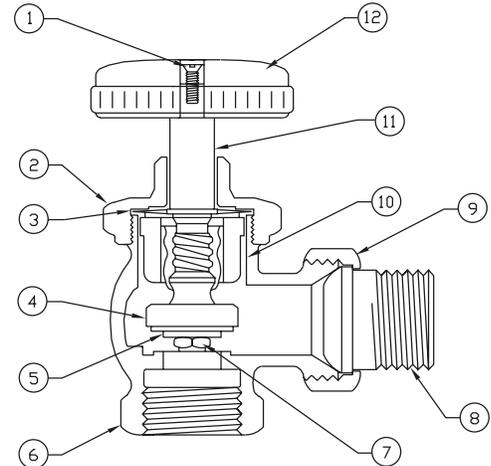
The RV Series are packless, non-rising stem series brass radiator valves for steam and liquid services, available in angle pattern and straight connections.

Model ⇄	RV
Sizes	1/2" to 1-1/2"
Connections	Union /Threaded
Construction	Brass
Options	Lock Shields Vented Bypass Extension Stem Assembly

Materials

No.	Part	Material	
1	Handle Screw	Yellow Brass	ASTM B-16
2	Valve Bonnet	Red Brass	ASTM B-62
3	Metalflex Sealing Disc	Copper	Copper
4	Composition Disc	Special	CFF/TEF
5	Washer	Yellow Brass	ASTM B-16
6	Valve Body	Red Brass	ASTM B-62
7	Sealing Disk Support	Yellow Brass	ASTM B-16
8	Tailpiece	Yellow Brass	ASTM B-16
9	Union Nut	Yellow Brass	ASTM B-16
10	Thrust Nut	Yellow Brass	ASTM B-16
11	Valve Stem	Yellow Brass	ASTM B-16
12	Handle	Spec Plastic	NYL/FBGL 22

RV-AP shown



Limiting Conditions

Steam: 150 psig (10.3 bar)
366° F (186° C)
Liquid: 200 psig (13.9 bar)

Sizes & Pipe Connections

Model	Pattern	Connection	Size
RV-AP	Angle	Pipe to Male Union	1/2", 3/4", 1", 1-1/4", 1-1/2"
RV-ST	Straightway	Pipe to Male Union	1/2", 3/4", 1", 1-1/4", 1-1/2"

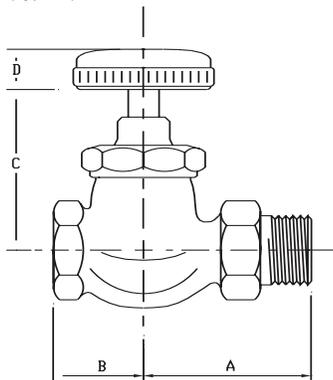
RV-AP Series meets Mil. Spec. WWV-160B, Section 3.1.1, Style A
RV-ST Series meets Mil. Spec. WWV-160B, Section 3.1.1, Style A

Sample Specification

Low profile non-rising stem packless radiator valve.
All brass construction with pipe to male connections.

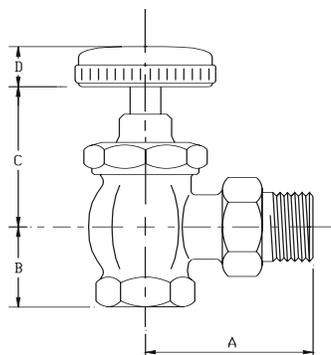
MODEL ST

Straightway Pattern
(Typical)



MODEL AP

Angle Pattern
(Typical)



Dimensions nominal in inches and millimeters

No	Size	A	B	C	D	lbs/kg
AP-1	1/2"	2.375	1.187	2.187	0.625	1.15
		57	30	55	16	0.52
	3/4"	2.875	1.187	2.187	0.625	1.5 0.
	1"	73	30	55	16	68
		3.125	1.5	2.313	.75	2.25
	1-1/4"	83	38	59	19	1.02
		3.5	1.75	2.625	0.875	2.55
	1-1/2"	89	44	67	22	1.157
		3.875	1.94	2.813	0.875	3.55
	ST-1	98	49	71	22	1.161
		1/2"	2.375	1.375	2.688	0.625
	3/4"	57	35	68	16	0.567
		2.875	1.375	2.813	0.625	1.65
	1"	73	35	72	16	0.75
		3.125	1.688	3.062	0.75	2.75
	1-1/4"	83	43	78	19	1.25
		3.625	2	3.563	0.75	3.15
	1-1/2"	92	51	89	19	1.429
		3.875	2.375	3.875	0.865	4.52
		98	60	98	22	2.05

Local regulation may restrict the use of this product below the conditions quoted. Limiting conditions refer to standard connections only.
In the interests of development and improvement of the product, we reserve the right to change the specification.

TI-7-2122-US 12.07

© Spirax Sarco, Inc. 2007

Pipeline
Auxiliaries