



Packless Radiator Supply Valve RV Series

Description

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	½" to 1"
Connections	Union/Threaded
Construction	Brass
Options	Extension Stem Assembly

Limiting conditions

Steam	150 psi g (10.3 bar) 366 °F (186 °C)
Liquid	200 psi g (13.9 bar)

Sizes and pipe connections

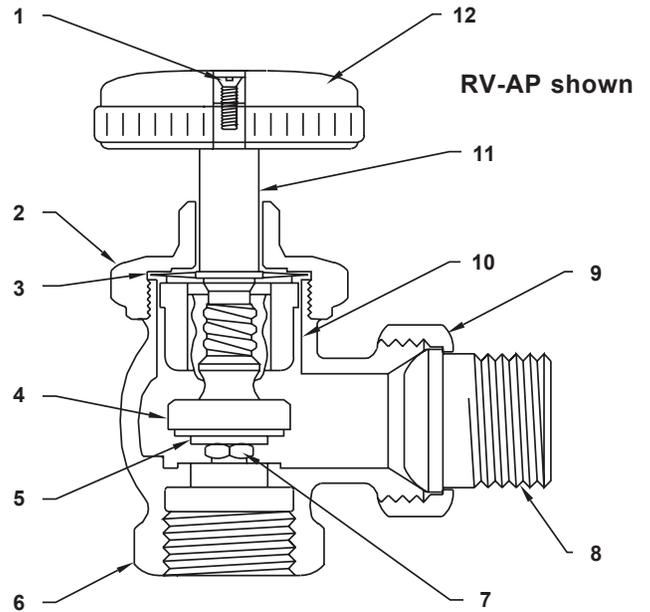
Model	Pattern	Connection	Size
RV-AP	Angle	Pipe to Male Union	½", ¾", 1"
RV-ST	Straightway	Pipe to Male Union	

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.

Materials



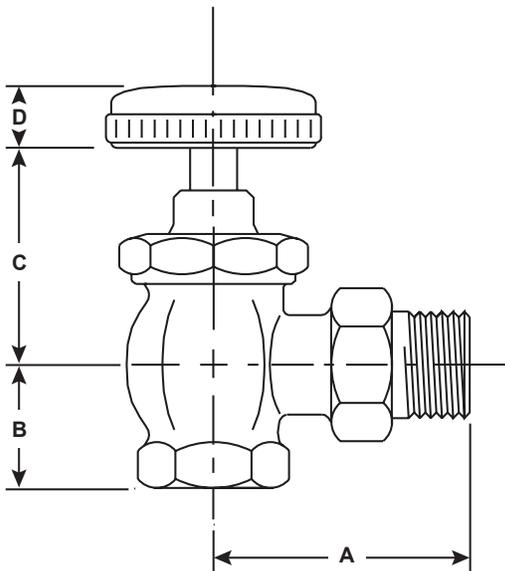
No.	Part	Material	
1	Handle Screw	Yellow Brass	ASTM B-16
2	Valve Bonnet	Red Brass	ASTM B-62
3	Metalflex Sealing Disc	Copper	Copper
4	Composition Disc	Special	CFF/TEF
5	Washer	Yellow Brass	ASTM B-16
6	Valve Body	Red Brass	ASTM B-62
7	Sealing Disk Support	Yellow Brass	ASTM B-16
8	Tailpiece	Yellow Brass	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

Dimensions/weight nominal in inches (*mm*) and lbs (*kg*)

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
		73	30	55	16	0.68
	1"	3.125	1.5	2.313	0.75	2.25
		83	38	59	19	1.02

No	Size	A	B	C	D	lbs/kg
ST-1	1/2"	2.375	1.375	2.688	0.625	1.25
		57	35	68	16	0.567
	3/4"	2.875	1.375	2.813	0.625	1.65
		73	35	72	16	0.75
	1"	3.125	1.688	3.062	0.75	2.75
		83	43	78	19	1.25

MODEL AP
Angle Pattern
(Typical)



MODEL ST
Straightaway Pattern
(Typical)

