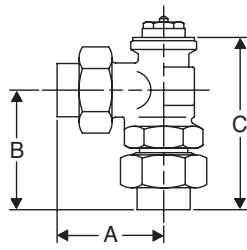
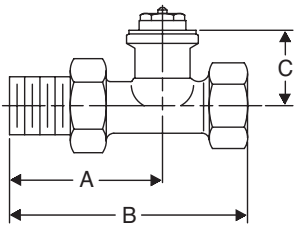
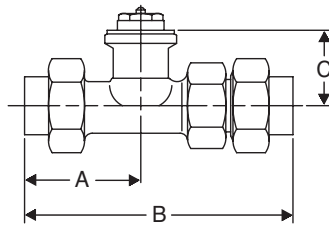
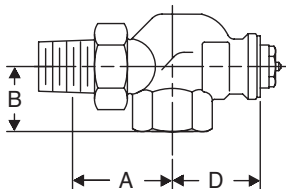
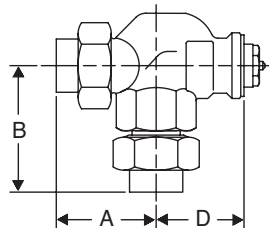

**RV-4 Angle**

**RV-4 Angle Solder**

**RV-4 Straight**

**RV-4 Straight Solder**

**RV-4 Reversed Angle**

**RV-4 Reversed Angle Solder**


### For Hot Water and Low Pressure Steam

Armstrong's thermostatic radiator valves are offered in straight, angle and reversed angle patterns. Thermostatic operators provide accurate and automatic control of space temperature. They are ideal for hot water and low pressure steam heated convectors, radiators, thermostatically controlled hydronic or low pressure heat exchangers. Five styles of thermostatic operators are available with liquid, liquid remote or low density wax sensors.

For a fully detailed certified drawing, refer to:

- RV-4 Angle** CDY #1049
- RV-4 Straight** CDY #1050
- RV-4 Reversed Angle** CDY #1051

#### Physical Data—Valve Bodies

| Pattern                 | Angle      |    |        |    |              |    |        |    | Straight     |    |        |     |            |    |        |     | Reversed Angle |    |       |    |              |    |    |  |              |  |  |  |          |  |  |  |              |  |  |  |              |  |  |  |
|-------------------------|------------|----|--------|----|--------------|----|--------|----|--------------|----|--------|-----|------------|----|--------|-----|----------------|----|-------|----|--------------|----|----|--|--------------|--|--|--|----------|--|--|--|--------------|--|--|--|--------------|--|--|--|
|                         | in         |    | mm     |    | in           |    | mm     |    | in           |    | mm     |     | in         |    | mm     |     | in             |    | mm    |    | in           |    | mm |  |              |  |  |  |          |  |  |  |              |  |  |  |              |  |  |  |
| Pipe Conn.<br>FPT x MPT | 1/2        | 15 | 3/4    | 20 | 1            | 25 | 1-1/4  | 32 | 1/2          | 15 | 3/4    | 20  | 1          | 25 | 1-1/4  | 32  | 1/2            | 15 | 3/4   | 20 | 1            | 25 | 25 |  |              |  |  |  |          |  |  |  |              |  |  |  |              |  |  |  |
| "A"                     | 2-5/16     | 59 | 2-5/8  | 66 | 2-15/16      | 59 | 3-7/16 | 65 | 2-15/16      | 59 | 2-1/2  | 64  | 3-1/8      | 73 | 3-9/16 | 90  | 2-3/8          | 60 | 2-5/8 | 66 | 3            | 76 | 76 |  |              |  |  |  |          |  |  |  |              |  |  |  |              |  |  |  |
| "B"                     | 1          | 25 | 1-1/8  | 28 | 1-5/16       | 33 | 1-9/16 | 39 | 3-3/4        | 95 | 4-3/16 | 106 | 4-15/16    | 78 | 6      | 150 | 1-1/16         | 27 | 1-3/4 | 44 | 1-5/16       | 33 | 33 |  |              |  |  |  |          |  |  |  |              |  |  |  |              |  |  |  |
| "C"                     | 1-15/16    | 49 | 2-1/16 | 52 | 2-3/8        | 60 | 2-3/4  | 70 | 1-1/8        | 28 | 1-1/8  | 28  | 1-1/8      | 28 | 1-3/8  | 35  | -              | -  | -     | -  | -            | -  | -  |  |              |  |  |  |          |  |  |  |              |  |  |  |              |  |  |  |
| "D"                     | -          | -  | -      | -  | -            | -  | -      | -  | -            | -  | -      | -   | -          | -  | -      | -   | 1-9/16         | 40 | 1-3/8 | 35 | 1-1/2        | 38 | 38 |  |              |  |  |  |          |  |  |  |              |  |  |  |              |  |  |  |
| Weight, lb (kg)         | 3/4 (0.34) |    |        |    | 1-1/2 (0.68) |    |        |    | 1-3/4 (0.79) |    |        |     | 3/4 (0.34) |    |        |     | 1 (0.45)       |    |       |    | 1-1/2 (0.68) |    |    |  | 1-3/4 (0.79) |  |  |  | 1 (0.45) |  |  |  | 1-1/4 (0.56) |  |  |  | 1-1/2 (0.68) |  |  |  |

#### Physical Data—Solder Valve Bodies

| Pattern                | Angle      |    |         |    | Straight   |     |          |     | Reversed Angle |    |              |    |              |    |              |    |
|------------------------|------------|----|---------|----|------------|-----|----------|-----|----------------|----|--------------|----|--------------|----|--------------|----|
|                        | in         |    | mm      |    | in         |     | mm       |     | in             |    | mm           |    | in           |    | mm           |    |
| Pipe Connection Solder | 1/2        | 15 | 3/4     | 20 | 1/2        | 15  | 3/4      | 20  | 1/2            | 15 | 3/4          | 20 | 1/2          | 15 | 3/4          | 20 |
| "A"                    | 1-7/8      | 47 | 2-1/4   | 57 | 1-7/8      | 47  | 2-5/32   | 55  | 1-3/4          | 44 | 2-1/4        | 57 | 1-3/4        | 44 | 2-1/4        | 57 |
| "B"                    | 2-5/32     | 55 | 2-1/2   | 64 | 4-7/16     | 113 | 5-1/4    | 133 | 2-3/16         | 56 | 3-1/8        | 79 | 2-3/16       | 56 | 3-1/8        | 79 |
| "C"                    | 3          | 76 | 3-1/2   | 89 | 1-1/4      | 32  | 1-5/32   | 29  | -              | -  | -            | -  | -            | -  | -            | -  |
| "D"                    | -          | -  | -       | -  | -          | -   | -        | -   | 1-1/2          | 38 | 1-1/2        | 38 | 1-1/2        | 38 | 1-1/2        | 38 |
| Weight, lb (kg)        | 3/4 (0.34) |    | 1(0.45) |    | 3/4 (0.34) |     | 1 (0.45) |     | 1-1/4 (0.56)   |    | 1-1/3 (0.60) |    | 1-1/4 (0.56) |    | 1-1/3 (0.60) |    |

#### Pressure/Temperatures

| Model                           | "A" Insert<br>(Standard On All Valves) | "S" Insert<br>(Provides Longer Life on Steam Service) |
|---------------------------------|--|---|
| Maximum Steam, psi (bar)        | 15 (1)                                 |   |
| Maximum Temp. °F (°C)           | 250 (121)                              |   |
| Max. Diff.—Water, psi (bar)     | 15 (1)                                 |   |
| Max. Static Pressure, psi (bar) | 150 (10)                               |   |

NOTE: Normally closed insert available.