

# Quickly & easily select & install RA2000 radiator controls.

ENGINEERING  
TOMORROW



Easy to install



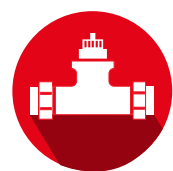
Knowledgeable support



Setup in seconds



Control comfort



Largest valve selection



Energy saving



Scan here to search installation & other documents.

## 1 Select Valve: by identifying system type, pipe connection & size...

| Identify System Type    | <input checked="" type="checkbox"/> Two-Pipe Low Pressure Steam<br><input checked="" type="checkbox"/> Hot Water |          |          | <input checked="" type="checkbox"/> Hot Water | <input checked="" type="checkbox"/> One-Pipe Low Pressure Steam | <input checked="" type="checkbox"/> Convert One-Pipe Steam to Hot Water |  |                                   |          |
|-------------------------|--|----------|----------|---|---|---|--|-----------------------------------|----------|
|                         | Side Mount Angle   | Angle    | Straight | Straight                                      | One-Pipe Steam  |   | Conversion   |                                   |          |
| Select Valve Design     |  |          |          |   | with Vacuum Breaker   | Air Vent  | With Internal Bypass: RA15/6T  | Without Internal Bypass: RA15/6TB |          |
|                         |  |          |          |   |   |   |  |                                   |          |
| Confirm Pipe Connection | FNPT x MNPT Union  |          |          | Double Sweat Unions                           | FNPT x MNPT   | MNPT  | Required tailpieces ordered separately, see below. <b>Must order two each per valve. 1</b> |                                   |          |
| 1/8"                    | -  | -        | -        | -   | 013G0140  | 013L8011  | -  | -                                 | -        |
| 1/2"                    | 013G8013   | 013G8014 | 013G8015 | 013G8042                                      | -   | -   | 013G3270   | 013G3268                          | 013G3215 |
| 3/4"                    | 013G8018   | 013G8019 | 013G8020 | 013G8044                                      | -   | -   | -  | -                                 | -        |
| 1"                      | 013G8023   | 013G8024 | 013G8025 | -   | -   | -   | -  | -                                 | -        |
| 1 1/4"                  | 013G8030   | 013G8031 | 013G8032 | -   | -   | -   | -  | -                                 | -        |

1 Conversion Valve Tailpieces: For use with 013G3270 / 013G3215: 1/2" Copper Compression Fitting - 013G4116  
For use with 013G3268: Union nut - 013U0496, 1/2" MNPT Tailpiece - 013U0476, 1/2" F.Sweat Tailpiece - 013U8608

## 2 Select Operator: choose temperature adjustment dial & sensor preferences...

| Temperature Adjuster | Sensor                                     | Select Operator Style                                    |   |  |   |
|----------------------|--|--|---|--|---|
| At the valve         | Internal/self-contained temperature sensor | Valve Mounted Dial & Sensor                              | Must be installed horizontally, where air can pass freely over the operator.  |  | 013G8250  |
|                      |  | Valve Mounted Dial & Sensor - Tamper Resistant           |   |  | 013G8240  |
|                      | Remote temperature sensor                  | Valve Mounted Dial with Remote Sensor                    | Dial can be installed in any orientation (i.e.; horizontally, vertically).  |  | 013G8252  |
|                      |  | Valve Mounted Dial with Remote Sensor - Tamper Resistant |   |  | 013G2922  |
| Away from the valve  | Remote temperature sensor                  | Combined Remote Mounted Sensor & Dial                    | Setting & sensing the temperature are built into the dial, which can be remotely installed from the valve in varying distances. |  | 013G8562 6' (2 m)<br>013G8565 16' (5 m)<br>013G8568 26' (8 m) |
|                      |  | Separate Remote Mounted Sensor & Dial                    | 2 x 6' (2m) capillary tubes   |  | 013G8564  |

## Common Examples: typical installation configurations & suitable selections\*...

| Free Standing Radiator   | Selection   | Enclosed Radiator/Convactor   | Selection  | Baseboard/Convactor   | Selection   |
|--|---|---|--|---|---|
| Located where air circulation is unobstructed & passes freely over the operator:<br> | Side mount angle valve & valve mounted dial & sensor:<br> | Enclosure prevents air circulation from passing freely over the operator due to furniture, drapes, coverings, etc.:<br> | Angle valve & combined remote mounted sensor & dial:<br> | Requires the dial & sensor to be mounted separately, away from the valve:<br> | Straight valve & valve mounted dial with remote sensor:<br> |

\*Hot water or 2-pipe low pressure steam examples shown. Selections are for reference only. Valves and operators are selected separately for a customized solution to a variety of applications.

For more information call 1(888)326-3677 or visit: [bit.ly/HydronicControls](http://bit.ly/HydronicControls)