

## Thermostatic Radiator Valve (TRVs) Quick Select Guide

Quickly & **easily select and install RA2000**  
radiator controls.**20%  
SAVINGS**By optimizing  
hydronic systems  
with TRVs.**AUTOMATIC COMFORT CONTROL**

RA2000 thermostatic radiator controls regulate the flow of water or low pressure steam through free-standing radiators, baseboards, & convectors, providing automatic temperature control that senses & adjusts throughout the day for optimal comfort. **Watch intro video at: <https://bit.ly/3g4gy8w>.**

**QUICK INSTALL TECHNOLOGY**

Many of our thermostatic operators are mounted through an built-in snap on mechanism that makes an audible 'click' once attached, simplifying installation.

**EASY PRODUCT SELECTION**

Operators & valves are packaged separately for easy customization to many applications. Identify system type, confirm pipe connection and select the valve and operator based on sensor preferences. **View our quick selection tips on reverse page.**







**KNOWLEDGEABLE SUPPORT**

Find installation manuals, videos, datasheets & more technical support tools online at: **<http://bit.ly/HydronicTechSupport>.**





Learn more at **HydronicComfortControls.Danfoss.us**

## Two Simple Selection Steps

### 1 Select Valve : identify system type and confirm piping connections

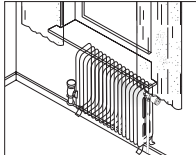

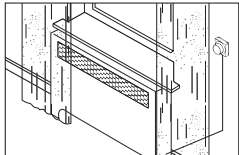

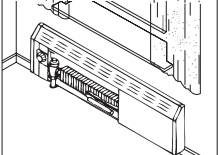

Identify System Type ➤	Two-Pipe Low Pressure Steam	-or-	Hot Water	Hot Water	One-Pipe Low Pressure Steam	
Select Compatible Valve ➤	Side Mount Angle 	Angle 	Straight 	Straight 	One-Pipe Steam with Vacuum Breaker 	Air Vent 
Confirm Pipe Connection ➤	FNPT x MNPT Union			Double Sweat Union	FNPT x MNPT	MNPT

### 2 Select Operator : by choosing temperature adjustment preferences

Temperature Adjuster	Temperature Sensor ▼	▼ Select Operator Style ▼	
At valve ➤	Internal (self-contained)	Valve Mounted Dial & Sensor* 	<i>Must be installed horizontally</i> , where air can pass freely over the operator.
	Remote	Valve Mounted Dial with Remote Sensor* 	Dial can be installed in any orientation (i.e.; horizontally, vertically).
Away from valve ➤	Remote	Combined Remote Mounted Sensor & Dial 	Setting & sensing the temp. are built into dial, & can be remotely installed from valve, in varying distances.
		Separate Remote Mounted Sensor & Dial 	2 x 6' (2m) capillary tubes

\*Tamper Resistant style also available

### Installation Examples with Suitable Product Selections \*

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

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

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