

# Control Type 62C20 - Water Temperature Sensing (Radiant) Control Installation & Operating Instructions

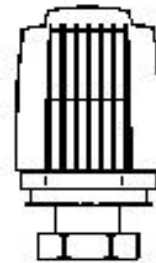
## APPLICATION

Ammark's Type 62C20 water temperature sensing control may be used with any Ammark thermostatic radiator valve.

Ammark Control Type 62C20 features an extended temperature range for applications which include temperature mixing and control of small under-floor heating areas or radiant panels where control of surface temperature is desired.

## CAPACITIES

Max System Temperature: 250 °F
Max Operating Pressure: 200 psig
Max Test Pressure: 725 psig
Max Differential Pressure: 40 Ft. W.G.
Adjustment Range: 77-149 °F



Type 62C20

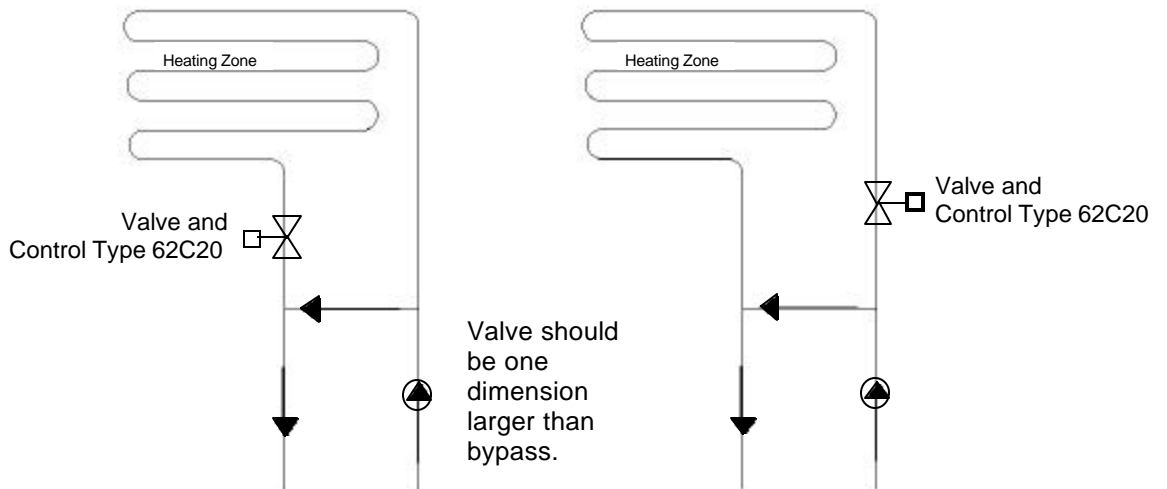
Valve Size		
1/2"	3/4"	1"
Valve Capacity (C <sub>v</sub> )		
1.2	2.1	4.9
C <sub>v</sub> is the flow rate, in gpm, with 1 psi pressure drop across the valve.		

## TEMPERATURE SETTINGS

Setting	1	2	3	4	5
Temp °F	77	95	113	131	149

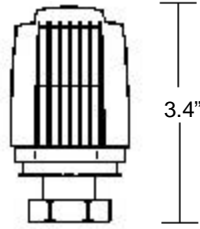
## TYPICAL INSTALLATIONS

### Supply Control Application



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**INSTALLATION DIMENSIONS**



	Part #	Size	A	B	C-62C20
	61.5	1/2	3 1/4	—	4 1/2
	61.75	3/4	4	—	4 1/2
	61.100	1	5	—	5
	60.5	1/2	2	1	4 1/2
	60.75	3/4	2 1/2	1	4 1/2
	60.100	1	3	1	4 3/4
	67.5	1/2	2 1/4	1 1/2	4 3/4
	67.75	3/4	2 1/2	1 1/2	4 3/4
	67.100	1	3	1 1/2	5 1/4

All dimensions / sizes are in inches. Dimension 'A' is with NPT tailpiece. Dimension 'C' indicates installation clearance for each control/valve combination (distance from center of pipe to the end of the control).

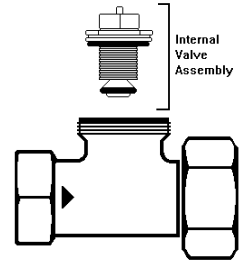
**INSTALLATION**

To install the Type 62C20 Control:

- Turn the adjustment dial to the maximum. Press the control on the valve stem and tighten the control's connecting nut.
- Adjust the control's setting to automatically maintain the desired temperature.

**MAINTENANCE**

When replacing a control which is not functioning, remove the old control from the valve by loosening the connecting ring. If the old control was damaged by leakage from the valve stem, then valve maintenance is required. All seals and moving parts are incorporated into the internal valve assembly (IVA). The IVA may be removed and replaced with an adjustable wrench, or with Ammark tool #ICT to avoid draining the system.



**PARTS & ACCESSORIES**

	Part #	Description
	IVA	Internal Valve Assembly includes disk, stem and seals. Specify valve size.
	ATC	Anti Theft Collar prevents removal of control from valve. Fits all controls.

	Part #	Description
	ICT	Tool to remove and install IVA with system under pressure.