



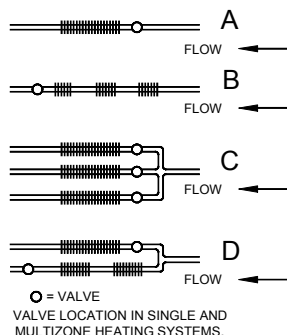
VALVES FOR NT SERIES OPERATORS

Operation

The *Macon* valve is designed to save energy by controlling hot water or low pressure steam heat in freestanding radiators, convectors, baseboards, fan coil units and the like in a loop, a zone or a unit. The valve, coupled with a *Macon* operator, provides a reliable automatic modulating unit. As room temperature drops, the *Macon* valve opens to allow more hot water or steam to flow through the radiator, thus allowing more heat into the room. When the room approaches the selected temperature, the operator causes the valve to begin closing off the flow of hot water or steam. This continued monitoring of the temperature is fully automatic, using no electricity whatsoever. The *Macon* valve can be equipped with any wide variety of *Macon* operators.

Features

- Compact dimensions
- Replaceable insert
- Stainless steel spindle
- Individual room control
- Easy one-trade installation
- Fuel savings up to 30%
- Prevents over- and under-heating
- Helps balance the heating system
- Same valve used for hot water or low pressure steam
- All NPT are forged brass nickel-plated
- Minimizes or eliminates expansion noises
- Suitable for nearly any hydronic heating application
- Operators can be changed without draining the system
- Shipped with a protective cap that can be used to control heating during the installing period



Vertical angle valve with straight nipple. NPT - female inlet, male union outlet.



N10637 - 1/2"
N10657 - 3/4"
N10677 - 1"
N10697 - 1-1/4"

Straight valve with straight nipple. NPT - female inlet, male union outlet.



N10737 - 1/2"
N10757 - 3/4"
N10777 - 1"
N10797 - 1-1/4"

Horizontal angle valve with straight nipple. NPT - female inlet, male union outlet.



N10837 - 1/2"
N10857 - 3/4"
N10877 - 1"
N10897 - 1-1/4"

Sweat valve with female inlet and outlet



N10930 - 1/2"
N10950 - 3/4"
N10970 - 1"

Fail closed valves also available, consult factory.

All Macon valves and thermostats conform to ASHRAE Standard 102P-1983 and European Standard EN 215/1215. We are also ISO 9001 certified (1994) and ISO 14001 certified (1998).

DATA - Macon Valves for NT Series

Vertical Angle NPT

1/2", 3/4", 1", 1-1/4"

Straight NPT

1/2", 3/4", 1", 1-1/4"

Horizontal Angle NPT

1/2", 3/4", 1", 1-1/4"

Straight Female Sweat

1/2", 3/4", 1"

Disc Material: EPDM

Body Styles: Straightway or angle

Maximum steam pressure: 15 psig

Maximum static pressure: 145 PSI

Maximum water temperature: 250°F

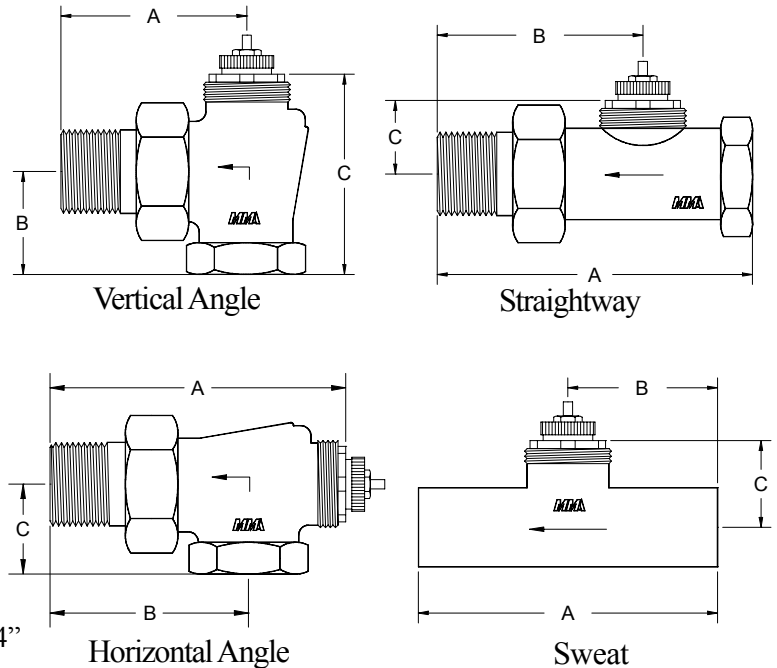
Body tappings: Female inlet, male union outlet, Female sweat

Body Material: Forged brass, NPT valves are nickel-plated

Max. Differential pressure: 20 psi H₂O, refer to thermostat specs

Suggested Differential Pressure = 0.5 to 2.9 psi

Overall Height: Add thermostat dimensions less 1/4"



Macon NT Series Valves are in an open position when no operator is attached.

CV:

1/2"	= 1.8
3/4"	= 2.5
1"	= 2.74
1-1/4"	= 3.5

DIMENSIONS

VERTICAL ANGLE

BODY #	SIZE	A	B	C
N10637	1/2"	2-1/4"	1"	1-3/4"
N10657	3/4"	2-1/2"	1-1/8"	2-1/8"
N10677	1"	3"	1-3/8"	2-1/4"
N10697	1-1/4"	3-1/4"	1-3/4"	2-3/4"

STRAIGHTWAY

BODY #	SIZE	A	B	C
N10737	1/2"	3-1/2"	2-1/16"	1"
N10757	3/4"	4"	2-1/2"	1"
N10777	1"	4-5/8"	2-15/16"	1"
N10797	1-1/4"	5-1/4"	3-3/8"	1-1/8"

HORIZONTAL ANGLE

BODY #	SIZE	A	B	C
N10837	1/2"	3-3/8"	2-3/16"	1-1/2"
N10857	3/4"	3-3/4"	2-1/2"	1-1/4"
N10877	1"	4-3/16"	3"	1-3/8"
N10897	1-1/4"	4-3/4"	3-1/4"	1-7/8"

SWEAT VALVES

BODY #	SIZE	A	B	C
N10930	1/2"	2-3/16"	1-3/32"	1"
N10950	3/4"	2-11/16"	1-11/32"	7/8"
N10970	1"	3-5/32"	1-9/16"	1"

