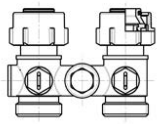


Eclcp_j

DESIGN AND LAYOUT CONSIDERATIONS:

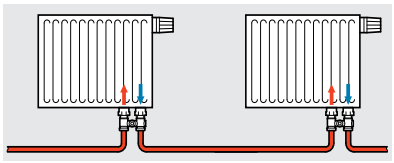
The Myson T6, CV & RCV radiators are designed for optimum ease of installation and efficiency when installed using the bottom supply and return connections. The optional "H" Diverter Valve, available in straight or angle configuration, is recommended for all installations and is required for proper function of the radiators when connected to a 1-pipe Series Loop system. Piping the radiators in Series should only be done when Home Run, Mono-Flo, or 2-Pipe systems are not possible. It is important to size your radiators and circulators accordingly when piping in Series.

STOP Please read the entire standard installation sheet before proceeding with this alternate connection method.

STOP It is assumed that the installer has the appropriate technical knowledge related to building codes, standard trade practices, and proper use of the tools of the trade.

MYSON "H" DIVERTER VALVE SYSTEM

When using "H" style diverter valves to connect multiple radiators in series, it is necessary to size the downstream radiators based on the lower inlet water temperature at each radiator caused by the mixing of return water.



THE FOLLOWING IS AN EXAMPLE OF HOW TO PROPERLY SIZE EACH RADIATOR.

1	Rooms in order of flow	Bedroom 2	Bathroom	Bedroom 3	Master Bedroom
2	Heat Loss In BTUH	4,200	3,000	5,400	8,600
3	Available Wall Space (ft)	3	2	3	7
4	Max Height (inches)	16	24	16	24
5	Select Δ T for system -- Δ T 30°F Maximum supply temp -- 180°F				
6	Total Heat Load	Q = 21,200 BTUH			
7	Total Loop GPM*	GPM = Q/(500 Δ T) = 21,200/500X30 = 1.41 GPM			
8	Supply Temp Per Room	180°F	174°F	170°F	162°F

* NOTE: Flow rate cannot exceed 2 GPM on a diverter valve system. Using a larger ΔT lowers the GPM requirement.

Line 6. Sum of all heat loads in **Line 2**.

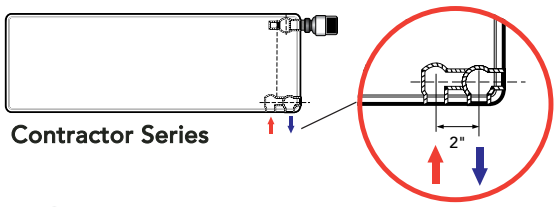
Line 7. Use formula to calculate GPM

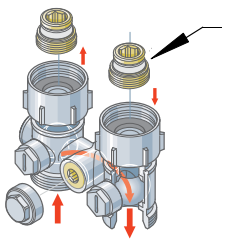
Line 8. Calculate the supply temperature of each room according to the following examples.

Supply Water Temperature **Bedroom 2** = 180° F.
Supply Water Temperature **Bathroom** = 180° F minus 4200 / (500 x 1.41) = 174° F.
Supply Water Temperature **Bedroom 3** = 174° F minus 3000 / (500 x 1.41) = 170° F.
Supply Water Temperature **Master BR** = 170° F minus 5400 / (500 x 1.41) = 162° F.

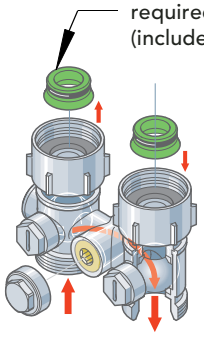
① ②

•

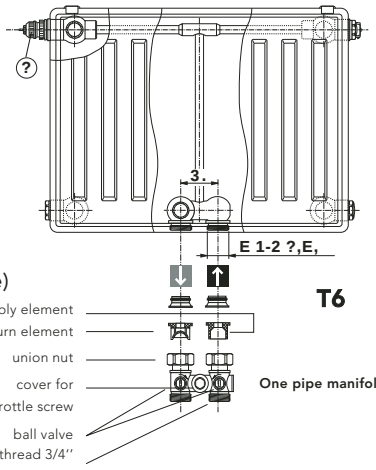




1/2x3/4 adapters required for Contractor Series - must be ordered separately



Green Cone Inserts required for T6 (included with valve)



Ⓐ In single-pipe operation, setting the built-in valve on N. (For both T6 & Contractor Series)