

DECOR SERIES RADIATOR



General

DESIGN AND LAYOUT CONSIDERATIONS:

Myson radiators should only be used with recirculation pump closed loop hydronic heating systems such as 2 pipe reverse return, 2 pipe direct return, 1 pipe monoflo or homerun piping systems. Series loop piping is not recommended. Myson radiators are not for use in gravity or steam systems. Position your radiator away from your circulator pump to avoid either excess pressure that could force water out the air vent or excess suction that could draw air into the system. The suggested location for your Myson radiator, where possible, is below a window where it can minimize downdrafts from glazed areas. Mounting the radiator a minimum of 4 inches off the floor will provide for adequate convection. $(3^3/_{16})^{16}$ minimum for 2H baseboard)

Myson radiators are supplied with drain plugs, vent plugs, and mounting brackets.

Connections: 4 - 1/2" B.S.P. (British Standard Pipe) 2 per side

Maximum operating temperature: 230° F

Maximum positive operating pressure: Standard design: 72 psi

rectangular steel tubes, 2-3/4"x7/16"x16 ga.

Maximum positive operating pressure: High-pressure design: 116 psi rectangular steel tubes, 2-3/4"x7/16"x14 ga.



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.

<u>VALVE ROUGH-IN:</u> When using Myson radiator valves to install your radiator add the following distance from the end of the radiator to the center of your Supply/Return pipe for each valve.

For 2TRV1/2AN and LKD16AN valves add 1-3/4" --- For 2TRV1/2IN and FF16LAC/FF16WAC valves add 1-5/8"

<u>NOTE!</u> For optimum performance connect the supply to the top and the return to the bottom of the opposite side. Bottom supply and return will result in a 5% reduced heat output. (See online manual for detailed piping diagrams.)

VENT LOCATION: The radiator vent should be located on the return side of the radiator at the top tapping.

<u>MOUNTING</u>: Myson horizontal radiators 3H to 11H are supplied with welded mounting lugs located 6-15/16" in from each end. Myson vertical radiators V11 are supplied with welded mounting lugs located 4-1/4" in from each end (top and bottom). Pedestal style radiators H34 are supplied with adjustable height stands. Myson baseboard style radiators 2H are supplied with the appropriate number of brackets for each length. (See Mounting Detail Supplement for more information)

For more detailed bracket installation dimensions and mounting positions please consult the detailed installation manual available at MysonComfort.com and/or the assembly instructions included with the mounting brackets.

For the correct installation of radiators it is essential that the mounting of the radiator to the wall is carried out in such a way that it is suitable for intended use AND predictable misuse.

SAFETY PRECAUTIONS

Radiators are hot when in use, and as such, present a risk of burns to users on prolonged contact. The temperature of a radiator is dependent on the temperature of the system water, as set by the system installer or user. Installers and users should take all necessary steps to minimize the risks of burns. If the risk is significant, consideration should be given to installing low surface temperature radiators, or to placing guards in front of the radiators.

SYSTEM START-UP



Failure to flush system of debris and flux may cause premature radiator failure, which can result in leaks and property damage NOT covered under the Myson Warranty.

- **Step 1** Fill and vent the system.
- Step 2 Run the system for two (2) hours at full temperature with all radiator valves in the open position.
- **Step 3** Shut off and drain the system while the water is still hot.
- **Step 4** Refill the system.
- **Step 5** Reheat, vent, and balance the system.
- Step 6 Once the Décor Radiator is filled with water the system should be left filled.
- **Step 7** System should be checked for leaks on seasonal start-ups. Leaks must be repaired as automatic system fill valves allow fresh water/oxygen into the system attacking radiators internally.

MAINTENANCE & CLEANING

- 1 Once operating, avoid the introduction of fresh water and oxygen to the system to prevent corrosion.
- 2 An occasional wiping with a damp cloth using a non-abrasive detergent can protect the finish of your Myson radiator.
- **3** The use of abrasive cleaners will damage the surface of your radiator and void the manufacturer's warranty.



A variety of matching valves and other accessories are available and recommended from MYSON. For specific applications see our detailed installation and technicals manuals and price book which are available on our web site.

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