

**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.

Myson T6 radiators are supplied with a drain plug, vent plug, mounting brackets and TRV insert.



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.

**VALVE ROUGH-IN:** The Myson T6 radiator is intended to be installed using the bottom center 3/4" connections. The supply **MUST** be connected to the left hand connection as you face the radiator in order for the internal thermostatic valve to work.

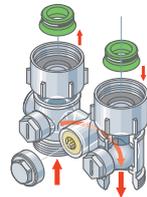
**Standard Connections:**

4 x internal thread G 1/2" BSP side 4 corners

2 x external thread G 3/4" bottom center

**Maximum positive operating pressure: 145psi**

**Maximum operating temperature: 230° F**



Pictured is the optional HV-S valve commonly installed when using the bottom center connections. (Also available is the HV-A angle version)

**NOTE!** For instructions on how to connect the T6 radiator using the 4 side connections please consult the "Optional Side Connection Installation Addendum" available at [MysonComfort.com](http://MysonComfort.com).

**VENT LOCATION:** The vent and the internal valve location can be reversed in the field.

**MOUNTING:** Myson T6 radiators are supplied with welded mounting lugs located **3-15/16"** in from each end. These lugs accept the included KOM (BH) wall brackets. Optional SIGARTH brackets may be positioned anywhere along the length of the radiator to accommodate retrofit applications

**For more detailed bracket installation dimensions and mounting positions please consult the detailed installation manual available at [MysonComfort.com](http://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**

**STOP** 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 T6 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.

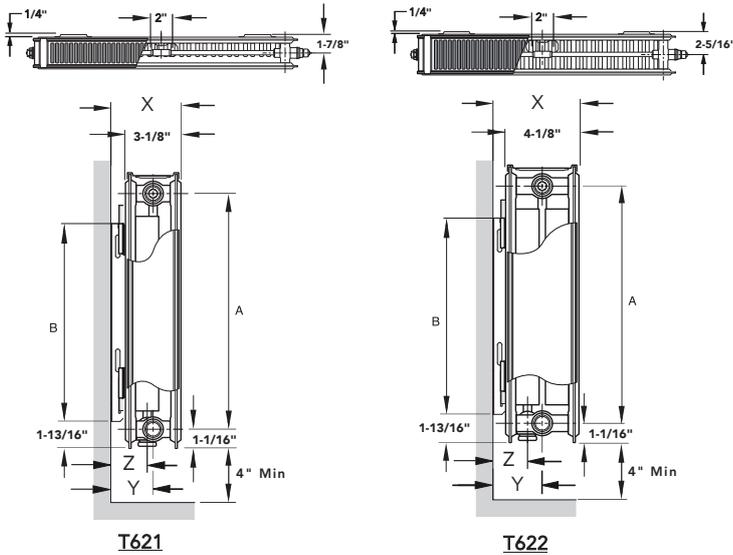


A variety of matching valves and other accessories are available and recommended from **MYSON**. For specific applications see our detailed installation and technicals manuals and price book which are available on our web site.

**Myson Inc./Rettig USA 45 Krupp Drive, P.O. Box 1460, Williston, VT 05495 [www.mysoncomfort.com](http://www.mysoncomfort.com)**

T621 & T622 models

PANEL RADIATORS



Mounting Bracket	T621			T622		
	Dimension (in)			Dimension (in)		
	X	Y	Z	X	Y	Z
KOM (BH) Short Side*	4 <sup>1</sup> / <sub>16</sub>	2 <sup>1</sup> / <sub>2</sub>	2 <sup>3</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>16</sub>	2 <sup>15</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>16</sub>
KOM (BH) Long Side*	4 <sup>7</sup> / <sub>16</sub>	2 <sup>15</sup> / <sub>16</sub>	2 <sup>9</sup> / <sub>16</sub>	5 <sup>7</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>8</sub>	2 <sup>9</sup> / <sub>16</sub>
SIGARTH (EZ)	4 <sup>1</sup> / <sub>2</sub>	2 <sup>15</sup> / <sub>16</sub>	2 <sup>5</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>2</sub>	3 <sup>3</sup> / <sub>8</sub>	2 <sup>5</sup> / <sub>8</sub>

\* From wall to radiator

For bottom center connections use dimension Z from wall. When using bottom center connections Supply and Return connections are 2" CC at radiator center.

Nominal Height (in)	A (in)	B (in)
11 <sup>13</sup> / <sub>16</sub>	9 <sup>11</sup> / <sub>16</sub>	6
15 <sup>3</sup> / <sub>4</sub>	13 <sup>5</sup> / <sub>8</sub>	10
23 <sup>5</sup> / <sub>8</sub>	21 <sup>1</sup> / <sub>2</sub>	17 <sup>13</sup> / <sub>16</sub>
29 <sup>1</sup> / <sub>2</sub>	27 <sup>3</sup> / <sub>8</sub>	23 <sup>3</sup> / <sub>4</sub>

All Dimensions are nominal

Radiators less than 70" long require 2 mounting brackets  
Radiators 70" and longer require 3 mounting brackets

	Order Code	Nominal Length (mm - inches)	Output* Btuh @ 180°F AWT	Output* Btuh @ 160°F AWT	Output* Btuh @ 140°F AWT	Weight (lbs)	Water Content (gals)
Height 300mm 11 <sup>13</sup> / <sub>16</sub> in	T621-3-92	920 - 36 <sup>1</sup> / <sub>4</sub>	3486	2684	1952	35	0.95
	T621-3-12	1200 - 47 <sup>1</sup> / <sub>4</sub>	4549	3502	2527	44	1.24
	T621-3-14	1400 - 55 <sup>1</sup> / <sub>8</sub>	5304	4084	2970	50	1.44
	T621-3-16	1600 - 63	6063	4669	3395	57	1.65
	T621-3-18	1800 - 70 <sup>7</sup> / <sub>8</sub>	6818	5250	3818	64	1.85
	T621-3-20	2000 - 78 <sup>3</sup> / <sub>4</sub>	7578	5835	4244	70	2.06
Height 400mm 15 <sup>3</sup> / <sub>4</sub> in	T621-4-06	600 - 23 <sup>5</sup> / <sub>8</sub>	2839	2186	1590	31	0.79
	T621-4-08	800 - 31 <sup>1</sup> / <sub>2</sub>	3789	2918	2122	39	1.06
	T621-4-92	920 - 36 <sup>1</sup> / <sub>4</sub>	4354	3353	2438	45	1.22
	T621-4-10	1000 - 39 <sup>3</sup> / <sub>8</sub>	4734	3645	2651	48	1.32
	T621-4-12	1200 - 47 <sup>1</sup> / <sub>4</sub>	5679	4373	3180	57	1.58
	T621-4-14	1400 - 55 <sup>1</sup> / <sub>8</sub>	6628	5104	2712	66	1.85
Height 500mm 19 <sup>11</sup> / <sub>16</sub> in	T621-5-04	400 - 15 <sup>3</sup> / <sub>4</sub>	2220	1709	1243	25	0.65
	T621-5-06	600 - 23 <sup>5</sup> / <sub>8</sub>	3328	2562	1864	36	0.97
	T621-5-08	800 - 31 <sup>1</sup> / <sub>2</sub>	4440	3419	2486	46	1.29
	T621-5-92	920 - 36 <sup>1</sup> / <sub>4</sub>	5105	3931	2859	53	1.49
	T621-5-10	1000 - 39 <sup>3</sup> / <sub>8</sub>	5548	4272	3107	57	1.61
	T621-5-12	1200 - 47 <sup>1</sup> / <sub>4</sub>	6656	5125	3727	67	1.94
Height 600mm 23 <sup>5</sup> / <sub>8</sub> in	T621-6-04	400 - 15 <sup>3</sup> / <sub>4</sub>	2455	1890	1375	29	0.75
	T621-6-06	600 - 23 <sup>5</sup> / <sub>8</sub>	3680	2834	2061	41	1.13
	T621-6-92	920 - 36 <sup>1</sup> / <sub>4</sub>	5643	4345	3160	60	1.73
	T621-6-12	1200 - 47 <sup>1</sup> / <sub>4</sub>	7361	5668	4122	77	2.25
	T621-6-16	1600 - 63	9816	7558	5497	101	3.00
	T621-6-18	1800 - 70 <sup>7</sup> / <sub>8</sub>	11046	8505	6186	113	3.38
T621-6-20	2000 - 78 <sup>3</sup> / <sub>4</sub>	12271	9449	6872	125	3.76	

Order Code	Output* Btuh @ 180°F AWT	Output* Btuh @ 160°F AWT	Output* Btuh @ 140°F AWT	Weight (lbs)	Water Content (gals)
T622-3-92	4553	3506	2550	41	0.95
T622-3-12	5941	4575	3327	52	1.24
T622-3-14	6931	5337	3882	60	1.44
T622-3-16	7922	6100	4436	68	1.65
T622-3-18	8912	6862	4991	76	1.85
T622-3-20	9902	7625	5545	84	2.06
T622-4-06	3680	2834	2061	37	0.79
T622-4-08	4910	3781	2750	47	1.06
T622-4-92	5643	4345	3160	54	1.22
T622-4-10	6136	4724	3436	58	1.32
T622-4-12	7361	5668	4122	69	1.58
T622-4-14	8591	6615	4811	80	1.85
T622-4-16	9816	7558	5497	91	2.11
T622-5-04	2790	2148	1562	29	0.65
T622-5-06	4187	3224	2345	42	0.97
T622-5-08	5579	4296	3125	54	1.29
T622-5-92	6420	4944	3595	62	1.49
T622-5-10	6977	5372	3907	67	1.61
T622-5-12	8374	6448	4689	79	1.94
T622-5-14	9766	7520	5469	92	2.26
T622-5-16	11163	8596	6252	104	2.58
T622-5-18	12556	9668	7031	117	2.90
T622-5-20	13593	10744	7814	129	3.22
T622-6-04	3097	2385	1734	33	0.75
T622-6-06	4648	3579	2608	47	1.13
T622-6-92	7126	5487	3990	69	1.73
T622-6-12	9286	7158	5206	89	2.25
T622-6-16	12393	9543	6940	117	3.00
T622-6-18	13940	10734	7806	131	3.38
T622-6-20	15491	11928	8675	145	3.76

Specifications per Linear Foot

Order Code	Nominal Height (inches)	Btuh/ft at 180°F AWT*	Btuh/ft at 160°F AWT*	Btuh/ft at 140°F AWT*	Weight (lbs/ft)	Water Content (gals/ft)	Order Code	Btuh/ft at 180°F AWT*	Btuh/ft at 160°F AWT*	Btuh/ft at 140°F AWT*	Weight (lbs/ft)	Water Content (gals/ft)
T621-3-XX	11 <sup>13</sup> / <sub>16</sub>	1154	888	646	11.6	0.314	T622-3-XX	1507	1161	844	14.2	0.314
T621-4-XX	15 <sup>3</sup> / <sub>4</sub>	1442	1111	808	15.8	0.402	T622-4-XX	1869	1440	1047	18.8	0.402
T621-5-XX	19 <sup>11</sup> / <sub>16</sub>	1690	1301	947	18.3	0.491	T622-5-XX	2127	1638	1191	21.3	0.491
T621-6-XX	23 <sup>5</sup> / <sub>8</sub>	1869	1440	1047	20.8	0.572	T622-6-XX	2361	1818	1325	23.9	0.572

\* Outputs are based on a delta T of 20F and EAT of 68F.

For outputs based on other AWT and/or other EAT please consult our radiator correction chart.