

**General**

Provide MYSON T6 IVC steel panel radiators in models and sizes including accessories as scheduled. T6 IVC RADIATORS are made of cold-rolled sheet steel, and in accordance with EN 442-1, with a stylish and robust fluting, with ribs at 1<sup>9</sup>/<sub>16</sub> inch intervals.

Each T6 IVC CENTER CONNECT RADIATOR is equipped with wall mounting lugs that are welded onto the back. The radiators are equipped with a removable top grille and two removable closed side panels. Each radiator is supplied with mounting brackets, a blind plug, drain plug, and a pivoting special vent plug. A pre-installed thermostatic valve insert is included with each radiator.

The T6 Series radiators are an advanced design giving high efficiency characteristics. The high outputs per unit surface area for the radiator models have been achieved by ensuring excellent contact between the convector plates and both the water channels and dividing metal of the radiator panels. (figure 1). The convector surface is spot-welded to the metal channels, but also firmly locates into grooves on the water channels, thus ensuring high heat transfer rates. In addition, the internal T configuration supply distribution insures an efficient top to bottom water flow for rapid demand response. (figure 2)

**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: 145 psi**

**Maximum operating temperature: 230° F**

**T621 IVC Depth: 3<sup>1</sup>/<sub>8</sub> inches**

double panel & one row of convector plates plus side panels & top grille

**T622 IVC Depth: 4<sup>1</sup>/<sub>8</sub> inches**

double panel & two rows of convector plates plus side panels & top grille

**Standard Heights:**

12, 16, 20, & 24 inches (Nominal)

**Standard Lengths:**

16 to 79 inches (Nominal)

- Additional sizes and models are available as special order

figure 1

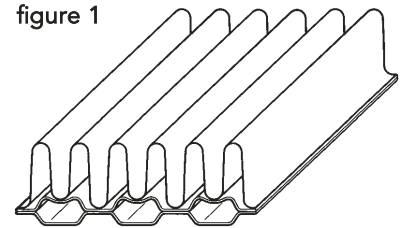
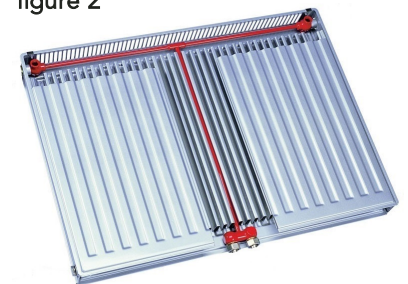


figure 2



**Finishes:**

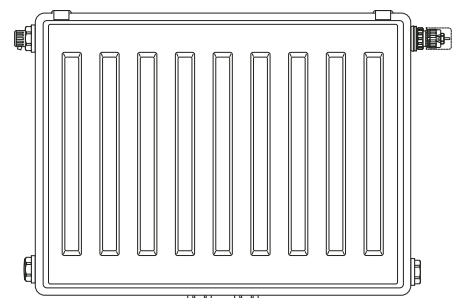
1. **Undercoat:** electrophoretic, using water-soluble paints, conforming to DIN 55900 part 1, baked at 374° F;
2. **Finish coat:** electrostatic powder coating, conforming to DIN 55900 part 2. (On request, and at a supplementary charge, a range of RAL colors can be offered. RAL 9016 white is standard.) This coat is baked at a temperature of 410° F.



**Warranty:**

MYSON radiators are covered by a 10 year warranty.

A variety of adapters, valves, and TRV actuators is available and recommended from MYSON. For specific applications see our valve literature. Pipe covers and escutcheons are available.



**Quality certificates**



PROJECT NAME:

ARCHITECT:

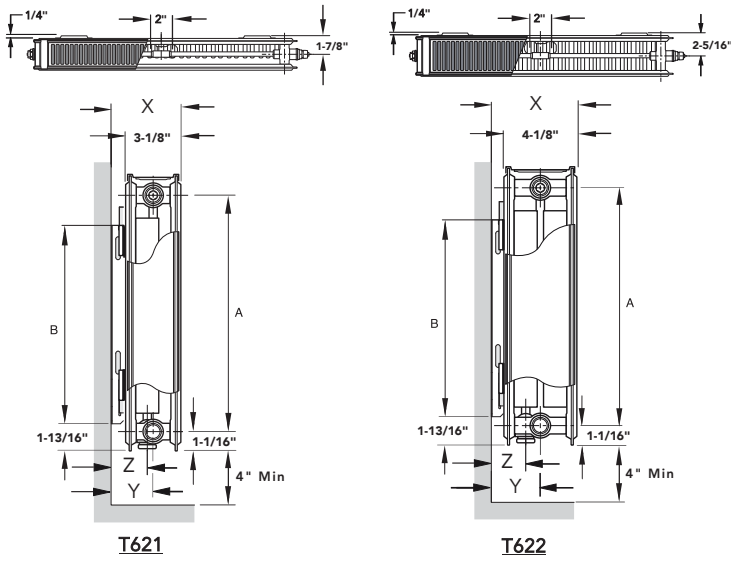
ENGINEER:

SUBMITTED DATE:

APPROVED DATE:

APPROVED

T621 & T622 models



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
19 <sup>11</sup> / <sub>16</sub>	17 <sup>9</sup> / <sub>16</sub>	13 <sup>7</sup> / <sub>8</sub>
23 <sup>5</sup> / <sub>8</sub>	21 <sup>1</sup> / <sub>2</sub>	17 <sup>13</sup> / <sub>16</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	
T621-4-16	1600 - 63	7573	5832	4241	75	2.11	
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
	T621-5-14	1400 - 55 <sup>1</sup> / <sub>8</sub>	7768	5981	4350	78	2.26
	T621-5-16	1600 - 63	8876	6834	4970	88	2.58
	T621-5-18	1800 - 70 <sup>7</sup> / <sub>8</sub>	9988	7691	5593	99	2.90
T621-5-20	2000 - 78 <sup>3</sup> / <sub>4</sub>	11096	8544	6214	109	3.22	
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.