

Radiators

Myson panel radiators are a superior option to fin-tube baseboard in comfort, convenience and efficiency.



MysonComfort.com

heatingthroughinnovation.

MYSON Radiators vs. Fin Tube Baseboard

COMFORT — Myson Radiators deliver heat in two ways and enhance your comfort throughout the heating season.

1. Radiant heat is delivered directly from the radiator panels to you. Think of that pleasant feeling of satisfying warmth that you get by sitting around a wood stove or grandma's old cast iron steam radiator on a cold winter day.
2. Convective heat is delivered by warming the air creating a low to high air flow covering your outside walls and windows to create an envelope of warmth.

Conventional fin tube baseboards work by convection only, delaying the warming of the room and depriving you of the comforting warmth that only radiant heating can provide.

EFFICIENCY — Myson Radiators start heating immediately after hot water (at a lower water temperature) begins circulating through them. This fast heat delivery shortens the run time of your boiler, providing real fuel savings.

Fin tube baseboards, with their inefficient (needs 180° F water) and slow heat delivery, take longer to heat your home and cost you more money for heating fuel.

SPACE — Myson Radiators occupy only a fraction of the wall space compared to fin tube baseboard. As a result, you gain more space and flexibility for your interior design and furniture placement.

DURABILITY — Myson Radiators are constructed of heavy gauge steel with a durable epoxy polyester powder coat finish strong enough to stand up to years of use, while maintaining their functionality and new appearance.

A fin tube baseboard's thin sheet metal covers are easily damaged by vacuum cleaners, children's toys, and rusting in damp environments — especially bathrooms — and do not stand up to the rigors of modern family life.

DESIGN CHOICE — Myson Radiators are available in a variety of sizes and designs, ranging from traditional to modern, accommodating all your interior decorating creations.

The traditional fin tube baseboard has no design appeal.

EASE OF CLEANING — Mounted off the floor, Myson Radiators make vacuuming and washing floors easy by allowing access to areas impossible to clean when baseboard is installed. Myson's durable epoxy polyester finish is easily cleaned with non-abrasive household cleaner or a damp cloth.

Fin tube baseboard is very difficult to clean, leaving a dust laden interior and a dented and scuffed exterior because of the use of thin sheet metal. The interior aluminum fins are razor sharp, making it difficult to clean without cutting yourself.

VALUE — Myson Radiators, when properly installed, will provide you with a lifetime of comfort and value, saving you money, year after year, long after fin tube baseboard has lost its original condition and value. Over time fin tube's cover will degrade and the fins become coated with dust, lowering its ability to efficiently heat your home.

Why Myson ...

10-YEAR GUARANTEE
We are so confident in the quality and durability of our panel radiators that we have issued an industry-leading 10-year guarantee against defects caused by faulty materials or manufacture.

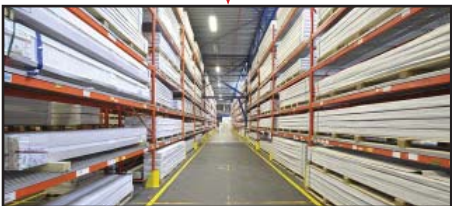
Our radiators are among the most energy efficient on the market. Heat output is attained using a remarkably low volume of water combined with a large convection surface. Precision placement of the water channels ensures optimal water distribution and heat transmission.

ELECTRICAL WELDING
All of our panel radiators are electrically welded and undergo comprehensive pressure testing before leaving the factory.

MATERIALS
We leave nothing to chance when selecting the raw materials and components that go into the manufacture of our finished products—providing our customers the best in quality heating solutions.

TEMPERATURE CONTROL
Our integrated thermostatic valve allows the regulation of water flow in each radiator for consistent and even heating in every room.

It's attention to detail that sets us apart



Décor Radiators

MYSON DECOR series is a fully welded, steel panel, modern radiator designed for architectural appeal. The efficient rectangular flat panel water tubes arranged horizontally one above the other or vertically side by side, provide exceptional comfort while offering stunning visual allure.

DECOR horizontal radiators range from 2 to 11 tubes high and are available from 1 to 5 tubes in depth. Sandwiched between each layer are vertical convector channels for added heat output.

DECOR vertical radiators consist of tubes 1 or 2 layers deep arranged vertically with 6 to 10 tubes side-by-side. Both horizontal and vertical configurations have a 5/64" space between the heating tubes that guarantees additional resistance to corrosion.

DECOR horizontal radiators come with side panels and top grilles; DECOR vertical radiators come with side panels.

DECOR radiators are delivered with welded mounting brackets. (Except the 2H) All DECOR horizontal and vertical radiators are delivered with factory-sealed drain plugs and pivotable vent plugs.

Standard Connections:

2 x internal thread G 1/2" BSP, welded-in for supply and return. Vent and drain plugs (or dummy plug) are factory sealed and are fitted according to the customer's specifications.

Maximum positive operating pressure: Standard design: 72 psi rectangular steel tubes, 2³/₄" x 7⁷/₁₆" x 16 ga.

Maximum positive operating pressure: High-pressure design: 116 psi rectangular steel tubes, 2³/₄" x 7⁷/₁₆" x 14 ga.

Maximum operating temperature: 230° F

Baseboard dimensions: 2H

Overall lengths: between 23⁵/₈ inches and 118¹/₈ inches Overall height: 5⁹/₁₆ inches (2 panels)

Horizontal radiator dimensions: 3H - 11H

Overall lengths: between 23⁵/₈ inches and 94¹/₂ inches

Overall heights: between 8⁷/₁₆ inches (3 panels) and 31¹/₈ inches (11 panels)

Vertical radiator dimensions: 5V - 10V

Overall lengths of: 14¹/₈, 16⁵/₁₆, 22⁵/₈, and 28¹/₄ inches Overall height: 78³/₄ inches

- Additional sizes and models are available as special order

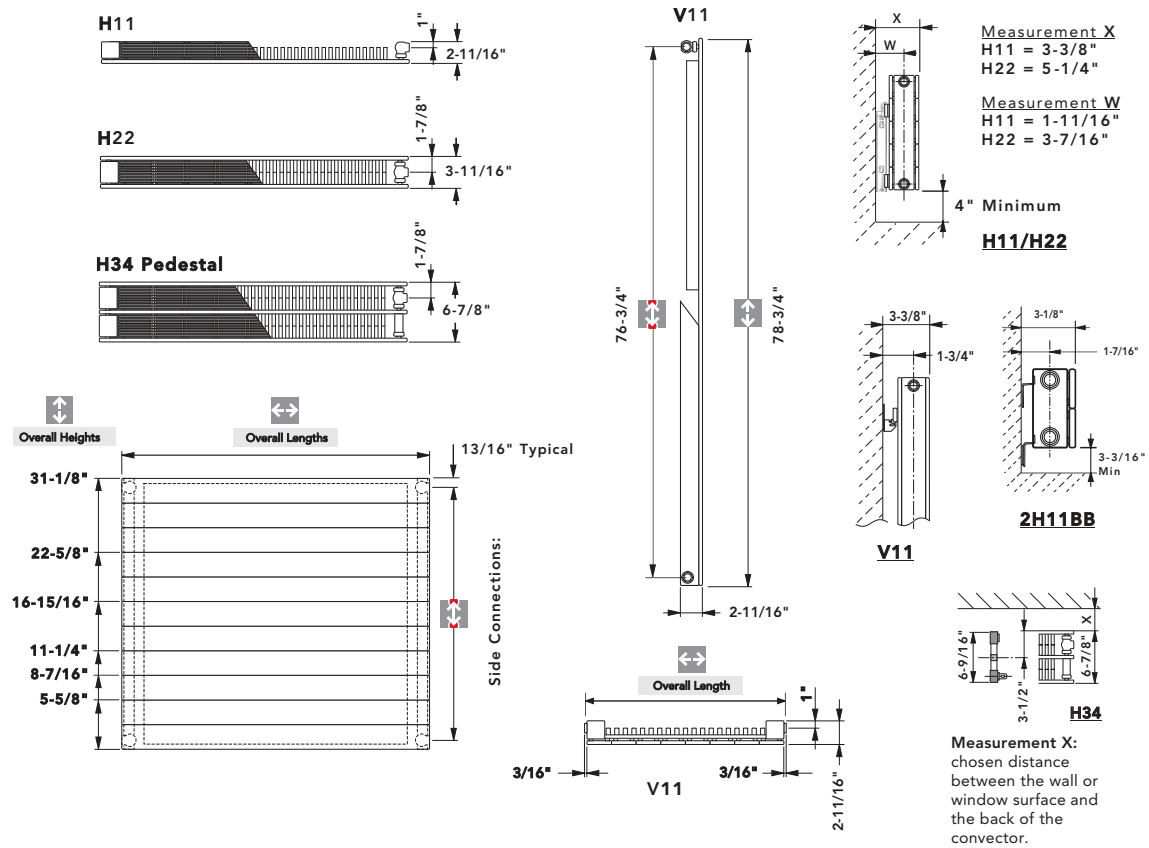
Finishes:

1. Undercoat: electrophoretic, using water-soluble paints, conforming to DIN 55900 part 1, baked at 329° 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 356° F.



Décor Radiators

Horizontal & Vertical design, H & V models



Model Length (cm)	**060	**080	**090	**100	**120	**140	**160	**180	**200	**220	**240	**300	VERTICAL MODELS	5V11	6V11	8V11	10V11
Nominal Length (in)	23-5/8"	31-1/2"	35-7/16"	39-3/8"	47-1/4"	55-1/8"	63"	70-7/8"	78-3/4"	86-5/8"	94-1/2"	118-1/8"		14-1/8"	16-15/16"	22-5/8"	28-1/4"
All Dimensions are nominal																	
Btuh/FT at Listed AWT and EAT of 70° F.																	
Model	Height	Connections 2 per side	180°F	170°F	160°F	150°F	140°F	130°F	120°F	Weight (lbs/ft)	Wtr Content gals/ft						
2H11	5-5/8"	1/2" BSP	627	558	489	420	351	282	213	5.25	.09						
3H11	8-7/16"	1/2" BSP	791	705	618	531	443	357	271	7.62	.13						
4H11	11-1/4"	1/2" BSP	985	877	769	661	552	444	336	9.75	.18						
6H11	16-15/16"	1/2" BSP	1,466	1,305	1,143	982	821	660	498	13.34	.26						
8H11	22-5/8"	1/2" BSP	1,778	1,582	1,387	1,191	996	800	605	17.57	.36						
11H11	31-1/8"	1/2" BSP	2,106	1,885	1,663	1,442	1,197	976	755	22.54	.49						
6H22	16-15/16"	1/2" BSP	2,740	2,439	2,137	1,836	1,535	1,234	933	24.82	.54						
8H22	22-5/8"	1/2" BSP	3,246	2,889	2,532	2,175	1,818	1,461	1,104	32.94	.72						
11H22	31-1/8"	1/2" BSP	3,848	3,425	3,001	2,578	2,155	1,732	1,309	42.38	.99						
2H34	ADJUSTABLE PEDESTAL	1/2" BSP	2,026	1,803	1,580	1,357	1,135	912	689	16.08	.26						
4H34	ADJUSTABLE PEDESTAL	1/2" BSP	3,324	2,959	2,593	2,228	1,862	1,497	1,132	31.20	.54						
5V11	78-3/4"	1/2" BSP	4,009	3,568	3,127	2,686	2,245	1,804	1,363	49.52	1.12						
6V11	78-3/4"	1/2" BSP	4,018	3,576	3,134	2,692	2,250	1,808	1,366	49.52	1.12						
8V11	78-3/4"	1/2" BSP	4,013	3,572	3,130	2,689	2,247	1,806	1,365	49.52	1.12						
10V11	78-3/4"	1/2" BSP	4,018	3,576	3,134	2,692	2,250	1,808	1,366	49.52	1.12						

T6 IVC

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 $1\frac{9}{16}$ inch intervals. The high outputs, included TRV insert, and 2"cc bottom center connections, and ease of installation make the T6 IVC radiator a favorite choice of professional heating engineers and contractors.

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, compression adapters, 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. 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.

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: 31/8 inches

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

T622 IVC Depth: 41/8 inches

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

Standard Heights:

12, 20, & 24 inches (Nominal)

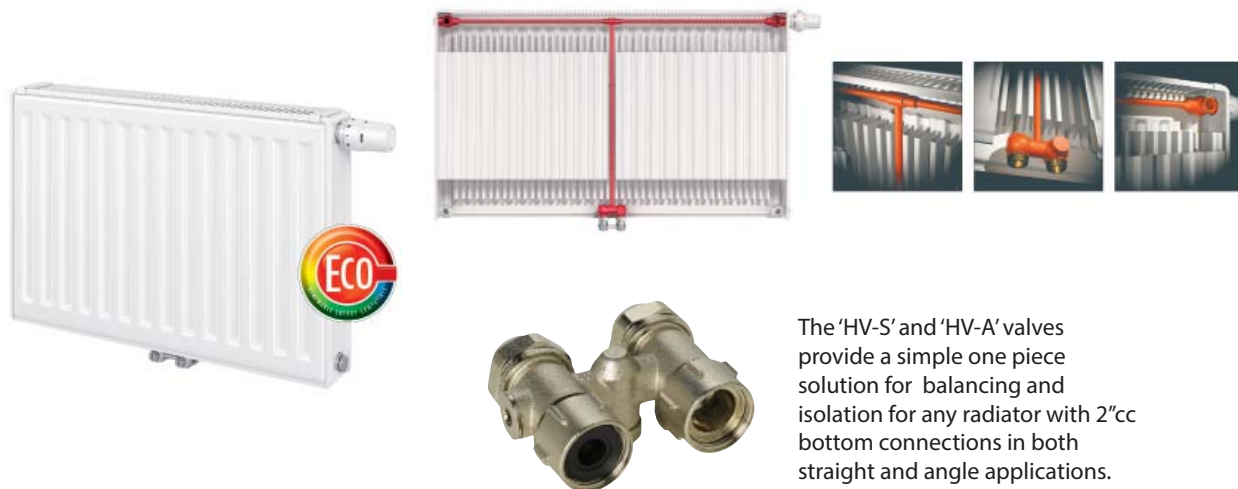
Standard Lengths:

16 to 79 inches (Nominal)

- Additional sizes and models are available as special order

Finishes:

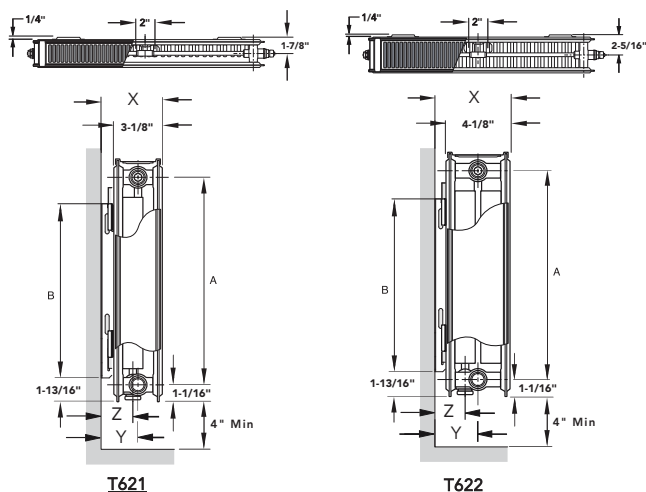
1. Undercoat: electrophoretic, using water-soluble paints, conforming to DIN 55900 part 1, baked at 374° F;
2. Finish coat: electrostatic powder coating, conforming to DIN 55900 part 2. (On request, and at a supplementary charge, a range of RAL colors can be offered. RAL 9016 white is standard.) This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



The 'HV-S' and 'HV-A' valves provide a simple one piece solution for balancing and isolation for any radiator with 2"cc bottom connections in both straight and angle applications.

T6 IVC

T621 & T622 models



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

* 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 ¹³ / ₁₆	9 ¹¹ / ₁₆	6
15 ³ / ₄	13 ⁵ / ₈	10
23 ⁵ / ₈	21 ¹ / ₂	17 ¹³ / ₁₆
29 ¹ / ₂	27 ³ / ₈	23 ³ / ₄

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)	Order Code	Output* Btuh @ 180°F AWT	Output* Btuh @ 160°F AWT	Output* Btuh @ 140°F AWT	Weight (lbs)	Water Content (gals)
Height 300mm 11 ¹³ / ₁₆ in	T621-3-92	920 - 36 ¹ / ₄	3486	2684	1952	35	0.95	T622-3-92	4553	3506	2550	41	0.95
	T621-3-12	1200 - 47 ¹ / ₄	4549	3502	2527	44	1.24	T622-3-12	5941	4575	3327	52	1.24
	T621-3-14	1400 - 55 ¹ / ₈	5304	4084	2970	50	1.44	T622-3-14	6931	5337	3882	60	1.44
	T621-3-16	1600 - 63	6063	4669	3395	57	1.65	T622-3-16	7922	6100	4436	68	1.65
	T621-3-18	1800 - 70 ⁷ / ₈	6818	5250	3818	64	1.85	T622-3-18	8912	6862	4991	76	1.85
	T621-3-20	2000 - 78 ³ / ₄	7578	5835	4244	70	2.06	T622-3-20	9902	7625	5545	84	2.06
Height 400mm 15 ³ / ₄ in	T621-4-06	600 - 23 ³ / ₈	2839	2186	1590	31	0.79	T622-4-06	3680	2834	2061	37	0.79
	T621-4-08	800 - 31 ¹ / ₂	3789	2918	2122	39	1.06	T622-4-08	4910	3781	2750	47	1.06
	T621-4-92	920 - 36 ¹ / ₄	4354	3353	2438	45	1.22	T622-4-92	5643	4345	3160	54	1.22
	T621-4-10	1000 - 39 ³ / ₈	4734	3645	2651	48	1.32	T622-4-10	6136	4724	3436	58	1.32
	T621-4-12	1200 - 47 ¹ / ₄	5679	4373	3180	57	1.58	T622-4-12	7361	5668	4122	69	1.58
	T621-4-14	1400 - 55 ¹ / ₈	6628	5104	2712	66	1.85	T622-4-14	8591	6615	4811	80	1.85
Height 500mm 19 ¹ / ₄ in	T621-4-16	1600 - 63	7573	5832	4241	75	2.11	T622-4-16	9816	7558	5497	91	2.11
	T621-5-04	400 - 15 ³ / ₄	2220	1709	1243	25	0.65	T622-5-04	2790	2148	1562	29	0.65
	T621-5-06	600 - 23 ³ / ₈	3328	2562	1864	36	0.97	T622-5-06	4187	3224	2345	42	0.97
	T621-5-08	800 - 31 ¹ / ₂	4440	3419	2486	46	1.29	T622-5-08	5579	4296	3125	54	1.29
	T621-5-92	920 - 36 ¹ / ₄	5105	3931	2859	53	1.49	T622-5-92	6420	4944	3595	62	1.49
	T621-5-10	1000 - 39 ³ / ₈	5548	4272	3107	57	1.61	T622-5-10	6977	5372	3907	67	1.61
Height 600mm 23 ³ / ₄ in	T621-5-12	1200 - 47 ¹ / ₄	6656	5125	3727	67	1.94	T622-5-12	8374	6448	4689	79	1.94
	T621-5-14	1400 - 55 ¹ / ₈	7768	5981	4350	78	2.26	T622-5-14	9766	7520	5469	92	2.26
	T621-5-16	1600 - 63	8876	6834	4970	88	2.58	T622-5-16	11163	8596	6252	104	2.58
	T621-5-18	1800 - 70 ⁷ / ₈	9988	7691	5593	99	2.90	T622-5-18	12556	9668	7031	117	2.90
	T621-5-20	2000 - 78 ³ / ₄	11096	8544	6214	109	3.22	T622-5-20	13593	10744	7814	129	3.22
	T621-6-04	400 - 15 ³ / ₄	2455	1890	1375	29	0.75	T622-6-04	3097	2385	1734	33	0.75
Height 600mm 23 ³ / ₄ in	T621-6-06	600 - 23 ³ / ₈	3680	2834	2061	41	1.13	T622-6-06	4648	3579	2608	47	1.13
	T621-6-92	920 - 36 ¹ / ₄	5643	4345	3160	60	1.73	T622-6-92	7126	5487	3990	69	1.73
	T621-6-12	1200 - 47 ¹ / ₄	7361	5668	4122	77	2.25	T622-6-12	9286	7158	5206	89	2.25
	T621-6-16	1600 - 63	9816	7558	5497	101	3.00	T622-6-16	12393	9543	6940	117	3.00
	T621-6-18	1800 - 70 ⁷ / ₈	11046	8505	6186	113	3.38	T622-6-18	13940	10734	7806	131	3.38
	T621-6-20	2000 - 78 ³ / ₄	12271	9449	6872	125	3.76	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 ¹³ / ₁₆	1154	888	646	11.6	0.314	T622-3-XX	1507	1161	844	14.2	0.314
T621-4-XX	15 ³ / ₄	1442	1111	808	15.8	0.402	T622-4-XX	1869	1440	1047	18.8	0.402
T621-5-XX	19 ¹ / ₄	1690	1301	947	18.3	0.491	T622-5-XX	2127	1638	1191	21.3	0.491
T621-6-XX	23 ³ / ₄	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.

Contractor Series

CV and RCV RADIATORS are the perfect choice for those installations requiring cost sensitive linear applications. The perfect alternative to fin tube baseboard, this radiator, with its 18 gauge, powder coated steel construction, and flexible installation options, is a favorite of builders and home owners across North America.

The CV model has stylish and robust vertical fluting at $1\frac{5}{16}$ inch intervals. RCV style radiators have an added front panel with straight horizontal ribbing at 2.6 intervals providing the architectural appeal for the DECOR radiator.

The radiators are equipped with a removable top grille and two removable closed side panels. Each radiator is supplied with E-Z fit wall mounting brackets, (there are no wall mounting lugs welded onto the back). A manual vent plug, two blind plugs, and copper sweat adapters, and a preinstalled thermostatic valve insert (M30 x 1.5 thread with manual cap) are included with each radiator. Optional pedestal mounting stands are available.

The CV and RCV 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. 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.

Standard Connections:

6 x internal thread G 1/2" BSP, 2 on each side and 2 on the bottom right (2"cc) or left (CV only is reversible) for supply and return.

Maximum positive operating pressure: 145 psi

Maximum operating temperature: 230° F

CV / RCV Type 21 Depth: $2\frac{3}{4}$ inches double panel & one row of convector plates plus side panels & top grille

CV / RCV Type 22 Depth: 4 inches
double panel & two rows of convector plates plus side panels & top grille

Standard Height:

7 7/8 inches (Nominal)

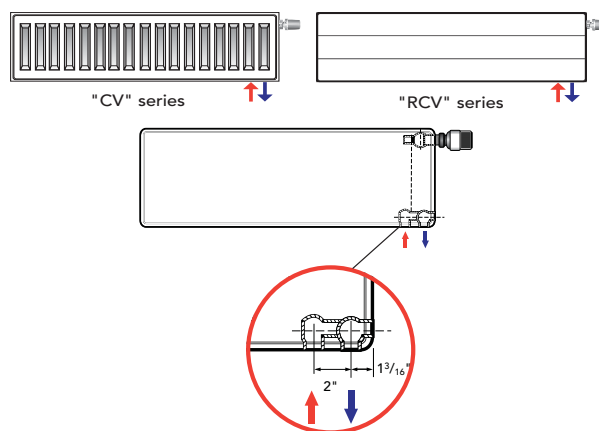
14 Standard Lengths:

24 to 119 inches (Nominal)

- Additional depths are available as special order

Finishes:

1. Undercoat: cataphoretic, submersion in a KTL bath, conforming to DIN 55900 part 1, baked at 347° F;
2. Finish coat: electrostatic powder coating, conforming to DIN 55900 part 2, baked at 374° F. (On request, and at a supplementary charge, a range of RAL colors can be offered. RAL 9016 white is standard.)



The 'HV-S' and 'HV-A' valves provide a simple one piece solution for balancing and isolation for any radiator with 2"cc bottom connections in both straight and angle applications.



CV Model

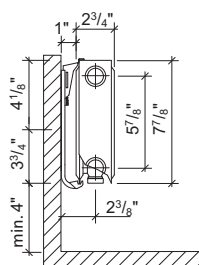


RCV Model

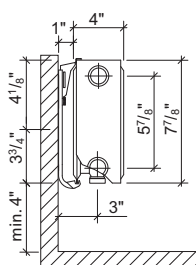
Contractor Series

CV and RCV Type 21 and Type 22 models

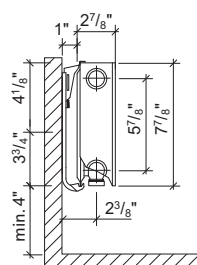
CV Baseboard and RCV Baseboard - wall brackets



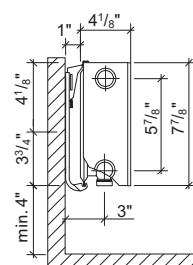
type CV 21



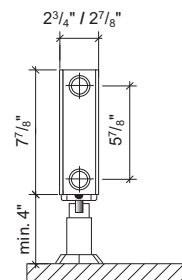
type CV 22



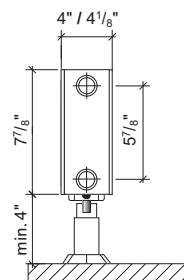
type RCV 21



type RCV 22



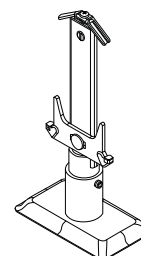
type CV 21
type RCV 21



type CV 22
type RCV 22



Wall Bracket



Pedestal Stand

Number of wall or pedestal
brackets per radiator length

up to 1600mm: 2 brackets
1600 - 2400mm: 3 brackets
over 2400mm: 4 brackets

CV Baseboard and RCV Baseboard - pedestal

	Order Code CV/RCV Type 21	Nominal Length (mm - inches)	Output* Btuh @ 180°F AWT	Output* Btuh @ 160°F AWT	Output* Btuh @ 140°F AWT	Weight (lbs)	Water Content (gals)	Order Code CV/RCV Type 22	Output* Btuh @ 180°F AWT	Output* Btuh @ 160°F AWT	Output* Btuh @ 140°F AWT	Weight (lbs)	Water Content (gals)
Height 200mm - 7 1/8 in	CV21/RCV21-600	600 - 23 5/8	1346	1063	781	14.3/18.0	0.39	CV22/RCV22-600	1776	1403	1030	16.7/20.5	0.39
	CV21/RCV21-700	700 - 28 3/8	1573	1243	912	17.2/21.6	0.47	CV22/RCV22-700	2075	1639	1204	20.0/24.6	0.47
	CV21/RCV21-800	800 - 31 1/2	1796	1419	1042	19.1/24.0	0.52	CV22/RCV22-800	2370	1873	1375	22.3/27.4	0.52
	CV21/RCV21-900	900 - 36 1/4	2022	1597	1173	21.9/27.6	0.60	CV22/RCV22-900	2668	2108	1547	25.6/31.5	0.60
	CV21/RCV21-1000	1000 - 39 3/8	2248	1776	1304	23.8/30.0	0.66	CV22/RCV22-1000	2964	2342	1719	27.8/34.2	0.66
	CV21/RCV21-1100	1100 - 43 3/16	2472	1953	1434	26.2/33.0	0.72	CV22/RCV22-1100	3251	2568	1886	30.6/37.6	0.72
	CV21/RCV21-1200	1200 - 47 1/4	2698	2131	1565	28.6/36.0	0.79	CV22/RCV22-1200	3968	3135	2301	33.4/41.0	0.79
	CV21/RCV21-1400	1400 - 55 1/8	3147	2486	1825	33.4/42.0	0.92	CV22/RCV22-1400	4150	3279	2407	38.9/47.9	0.92
	CV21/RCV21-1600	1600 - 63	3598	2842	2087	38.1/48.0	1.05	CV22/RCV22-1600	4758	3759	2760	44.5/54.7	1.05
	CV21/RCV21-1800	1800 - 70 7/8	4046	3196	2347	42.9/54.0	1.18	CV22/RCV22-1800	5336	4215	3095	50.0/61.5	1.18
	CV21/RCV21-2000	2000 - 78 3/4	4496	3552	2608	47.6/60.0	1.31	CV22/RCV22-2000	5939	4692	3445	55.6/68.4	1.31
	CV21/RCV21-2300	2300 - 90 7/16	5172	4086	3000	54.8/69.0	1.51	CV22/RCV22-2300	6818	5386	3954	63.9/78.6	1.51
	CV21/RCV21-2600	2600 - 102 3/8	5842	4615	3388	61.9/78.0	1.71	CV22/RCV22-2600	7706	6088	4469	72.3/88.9	1.71
	CV21/RCV21-3000	3000 - 118 1/8	6742	5326	3910	76.8/90.0	1.97	CV22/RCV22-3000	8894	7026	5159	83.4/102.5	1.97

* Outputs are based on EAT of 68°F. For outputs based on other AWT and/or other EAT please consult our radiator correction chart.

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)
CV21 - XXXX	7 1/8	684	540	397	7.26	0.20
CV22 - XXXX	7 1/8	902	713	523	9.14	0.20
RCV21 - XXXX	7 1/8	684	540	397	8.47	0.20
RCV22 - XXXX	7 1/8	902	713	523	10.41	0.20

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

All Dimensions are nominal

Column

The COLUMN Series radiators have a traditional design appearance giving modern characteristics to architectural period designs. This series of radiators is the first choice for architects and interior designers where period restoration integrity is required. These radiators present the look and feel of "old fashioned cast iron" while offering the efficiency and ease of installation necessary in a modern environment. The high outputs per radiator have been achieved by the large surface area and large water channels with negligible friction loss.

COLUMN RADIATORS are made of precision D-profile steel tubes in accordance with EN 442. A unique laser welding process eliminates visible welding points and enhances the structural integrity of connected sections and the aesthetic quality of each radiator.

Each COLUMN RADIATOR is supplied with wall mounting brackets, a blind plug and a manual vent plug. Optional floor mounting stand kits are available.

Standard Connections:

4 x internal thread G 1/2" BSP, welded-in for supply and return.

Maximum positive operating pressure: 145 psi

Maximum operating temperature: 248° F

2 - COLUMN:

Standard Heights: 18, 24, & 79 inches (45, 60, & 200 cm)

3 - COLUMN:

Standard Heights: 12, 18, & 24 inches (30, 45, & 60 cm)

4 - COLUMN:

Standard Height: 24 inches (60 cm)

- Additional sizes and models are available as special order

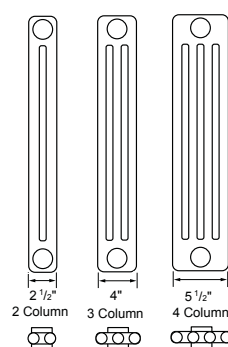
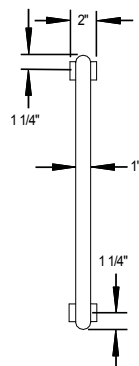
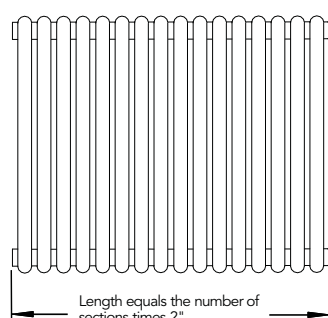


Finishes:

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
3. 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.



Column



2 COLUMN

	Order Code	No. of Sections	Length (in)	Output (Btu/h)	Weight (lbs)	Water Content (gals)
Height 18in	12 - 2045	12	24	1485	19.8	1.68
	16 - 2045	16	32	1980	26.5	2.24
	20 - 2045	20	40	2474	33.0	2.80
	24 - 2045	24	47	2969	39.6	3.36
	28 - 2045	28	55	3464	46.2	3.92
	36 - 2045	36	72	4454	59.4	5.00
Height 24in	12 - 2060	12	24	1925	25.9	2.10
	16 - 2060	16	32	2567	34.6	2.80
	20 - 2060	20	40	3209	43.2	3.50
	24 - 2060	24	47	3850	52.0	4.20
	28 - 2060	28	55	4492	60.5	4.90
Height 79in	6 - 2200	6	12	3006	41.4	3.00
	8 - 2200	8	16	4008	55.2	4.02
	10 - 2200	10	20	5010	69.0	5.02
	12 - 2200	12	24	6012	82.8	6.02
	15 - 2200	15	30	7515	103.5	7.53

3 COLUMN

	Order Code	No. of Sections	Length (in)	Output (Btu/h)	Weight (lbs)	Water Content (gals)
Height 12in	16 - 3030	16	32	2380	27.5	2.42
	20 - 3030	20	40	2975	34.4	3.02
	28 - 3030	28	56	4265	48.2	4.23
	36 - 3030	36	72	5355	62.0	5.44
Height 18in	12 - 3045	12	24	2674	29.6	2.41
	16 - 3045	16	32	3565	39.5	3.22
	20 - 3045	20	40	4456	49.4	4.02
	24 - 3045	24	48	5347	59.3	4.83
	28 - 3045	28	56	6439	69.3	5.63
	36 - 3045	36	72	8021	88.9	7.24
Height 24in	12 - 3060	12	24	3566	41.4	3.00
	16 - 3060	16	32	4755	55.2	4.02
	20 - 3060	20	40	5944	69.0	5.02
	24 - 3060	24	48	7132	82.8	6.02
	28 - 3060	28	56	8321	103.5	7.53

4 COLUMN

	Order Code	No. of Sections	Length (in)	Output (Btu/h)	Weight (lbs)	Water Content (gals)
Height 24in	12 - 4060	12	24	4213	51.6	4.00
	16 - 4060	16	32	5618	68.8	5.33
	20 - 4060	20	40	7022	86.0	6.67
	24 - 4060	24	48	8426	103.2	8.00

* All dimensions are nominal

* Outputs are based on an AWT of 180°F and EAT of 68°F.
For outputs based on other AWT please consult our radiator correction chart.

Low Surface Temperature “LST”

The MYSON LST radiator is the leading radiator where, for reasons of safety, high surface temperature radiators can not be used. With surface temperatures under 110°F, the LST radiator is ideal for applications including hospitals, elderly care facilities, daycare centers and all installations requiring attention to the well being of occupants with special needs. The exterior shroud is provided with a simple, double security screw mechanism to prevent tampering and vandalism.

The LST is packaged in a single box which includes the radiator, shroud, brackets, plug, and installation template. Special valve kits are available for specific application requirements.

MYSON LST RADIATORS are made of 18 gauge cold-rolled sheet steel in accordance with EN 442-1.

The LST Series radiators are equipped with a separate 18 gauge rounded steel enclosure designed to give protection against high surface temperature. The enclosure is engineered to have a surface temperature of less than 109°F with an inlet water temperature of 180°F in addition to providing for the concealment and security of the pipework and valves. A unique locking mechanism prevents unauthorized removal but give convenient access for venting, cleaning, decorating, etc. locates into grooves on the water channels, thus ensuring high heat transfer rates.

Standard Connections:

4 x internal thread G 1/2" BSP, 2 on each side, welded in for supply and return.

Maximum positive operating pressure: 117.1 psi

Maximum operating temperature: 230° F

LST Super Depth: 4 ⁷/₃₂ inches

single panel & one row of convector plates plus rounded steel enclosure

LST Super Plus Depth: 6 ³/₁₆ inches

double panel & two rows of convector plates plus rounded steel enclosure

Standard Heights:

22, 25, 33, & 37 inches (Nominal)

Standard Heights:

24 to 79 inches (Nominal)

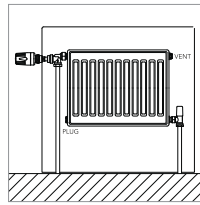
• MYSON recommends the use of one of the following TRV kits with the LST radiator:

- **Close Coupled TRV Kit**

Suitable for TBOE or BOE connections

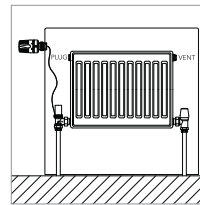
- **Direct Fit TRV Kit**

Suitable for TBOE connections only



Direct Fit TRV Kit

This kit allows a **MYSON TRV** body to be directly fitted to the radiator, with the thermostatic head projecting beyond the enclosure.



Close Coupled TRV Kit

This arrangement offers a choice of positions for both the valve body and sensor head.

The kit allows the thermal sensing head of a **MYSON** Thermostatic Radiator Valve to be mounted directly on the top left/right hand side of the LST enclosure. The point of fitting has been half-sheared and requires only to be knocked out to facilitate easy installation, becoming an integral part of the appliance.

The valve body is fitted to the heat emitter and is coupled to the sensing head by a flexible capillary extension lead.

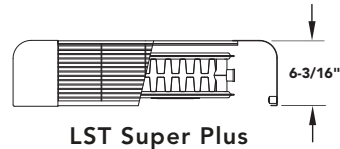
Finishes:

1. Undercoat: electrophoretic, using water soluble paint, conforming to DIN 55900 part 1, baked at 347° F;
2. Finish coat: electrostatic powder coating, conforming to DIN 55900 part 2, baked at 374° F. (On request, and at a supplementary charge, a range of RAL colors can be offered. RAL 9016 white is standard.)

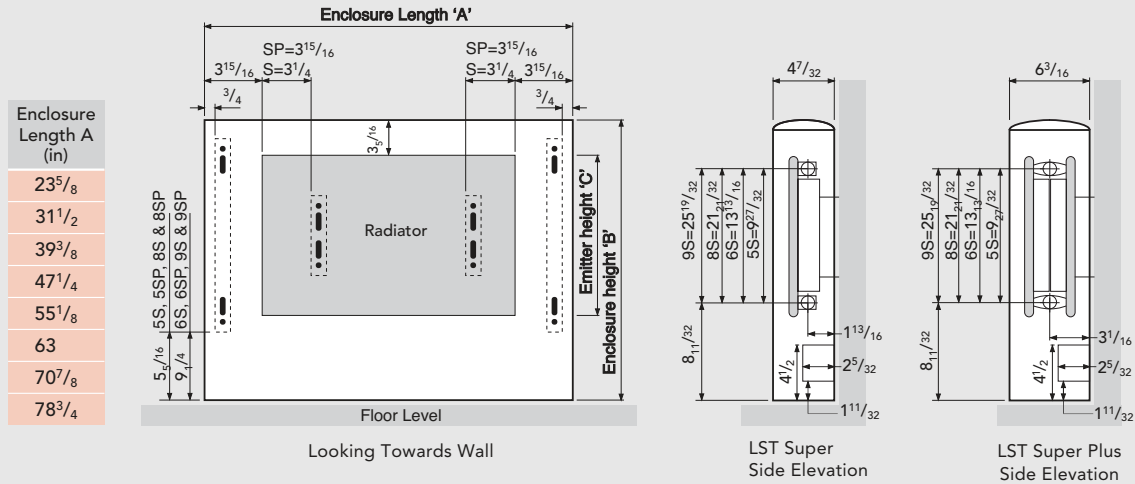


Low Surface Temperature "LST"

LST Super and LST Super Plus models



Bracket Positions and Dimensions



* This measurement includes an extra 7/8" to account for the curvature of the top grille.

Important: It is advisable to leave a further 3/16" clearance above any final floor covering to allow for easy fitting and removal.

Height	Order Code	Nominal Length (mm - inches)	Output* Btuh @ 180°F AWT	Output* Btuh @ 160°F AWT	Weight (lbs)	Water Content (gals)	Order Code	Output* Btuh @ 180°F AWT	Output* Btuh @ 160°F AWT	Weight (lbs)	Water Content (gals)
572mm 22 1/2 in	5 LS 080	600 - 23 3/8	946	475	27	0.34	5 LSP 080	1861	942	40	0.68
	5 LS 100	1000 - 39 3/8	1261	634	34	0.43	5 LSP 100	2481	1256	50	0.85
	5 LS 120	1200 - 47 1/4	1576	792	41	0.51	5 LSP 120	3102	1571	61	1.02
	5 LS 160	1600 - 63	2207	1109	55	0.68	5 LSP 160	4342	2199	82	1.36
	5 LS 200	2000 - 78 3/4	2837	1426	69	0.85	5 LSP 200	5583	2827	103	1.69
672mm 26 15/32 in	6 LS 060	600 - 23 3/8	830	418	25	0.32	6 LSP 060	1597	811	36	0.65
	6 LS 080	800 - 31 1/2	1245	627	33	0.43	6 LSP 080	2395	1217	50	0.87
	6 LS 100	1000 - 39 3/8	1660	836	42	0.53	6 LSP 100	3194	1622	63	1.09
	6 LS 120	1200 - 47 1/4	2074	1045	50	0.64	6 LSP 120	3992	2028	77	1.30
	6 LS 140	1400 - 55 1/8	2489	1254	59	0.74	6 LSP 140	4790	2433	90	1.52
	6 LS 160	1600 - 63	2904	1463	68	0.85	6 LSP 160	5589	2839	103	1.74
	6 LS 180	1800 - 70 7/8	3319	1672	77	0.95	6 LSP 180	6387	3234	117	1.95
	6 LS 200	2000 - 78 3/4	3734	1881	85	1.06	6 LSP 200	7186	3650	130	2.17
872mm 34 11/32 in	8 LS 060	600 - 23 3/8	1205	610	34	0.48	8 LSP 060	2249	1150	51	0.94
	8 LS 080	800 - 31 1/2	1808	915	46	0.64	8 LSP 080	3374	1724	71	1.25
	8 LS 100	1000 - 39 3/8	2410	1221	59	0.80	8 LSP 100	4498	2299	90	1.56
	8 LS 120	1200 - 47 1/4	3013	1526	71	0.95	8 LSP 120	5623	2874	110	1.87
	8 LS 140	1400 - 55 1/8	3615	1831	84	1.10	8 LSP 140	6748	3449	129	2.19
	8 LS 160	1600 - 63	4218	2136	96	1.27	8 LSP 160	7872	4023	149	2.50
	8 LS 180	1800 - 70 7/8	4820	2441	109	1.43	8 LSP 180	8997	4598	169	2.81
	8 LS 200	2000 - 78 3/4	5423	2746	121	1.59	8 LSP 200	10121	5173	188	3.12
972mm 38 1/4 in	9 LS 060	600 - 23 3/8	1383	702	38	0.54	9 LSP 060	2548	1306	58	1.10
	9 LS 080	800 - 31 1/2	2074	1053	52	0.72	9 LSP 080	3822	1959	80	1.46
	9 LS 100	1000 - 39 3/8	2765	1404	66	0.90	9 LSP 100	5096	2613	103	1.83
	9 LS 120	1200 - 47 1/4	3456	1755	80	1.08	9 LSP 120	6370	3266	125	2.19
	9 LS 140	1400 - 55 1/8	4148	2106	94	1.26	9 LSP 140	7644	3919	147	2.56
	9 LS 160	1600 - 63	4839	2457	108	1.44	9 LSP 160	8918	4572	170	2.92
	9 LS 180	1800 - 70 7/8	5530	2808	122	1.62	9 LSP 180	10192	5225	192	3.28

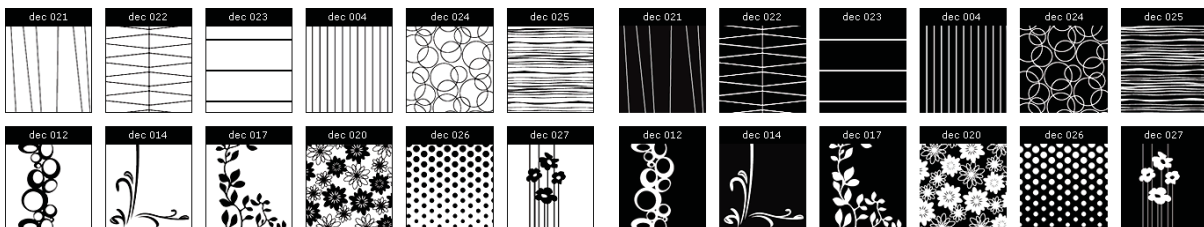
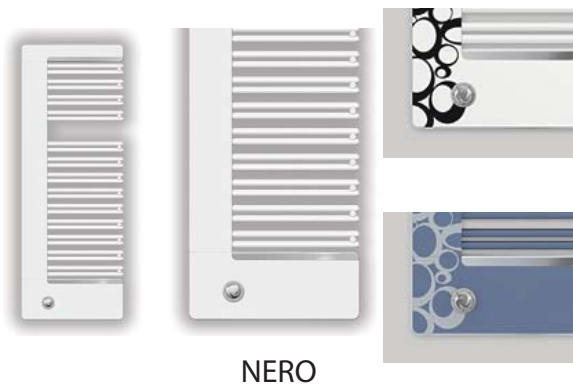
* Outputs are based on EAT of 68°F. For outputs based on other AWT and/or other EAT please consult our radiator correction chart.

All Dimensions are nominal

Specialty Radiators



Designer Series



Specialty Radiators

Stainless Steel



Ramsey



Norte

Aries

Gemini



Designer Column Bench



Designer Column Table



Colors



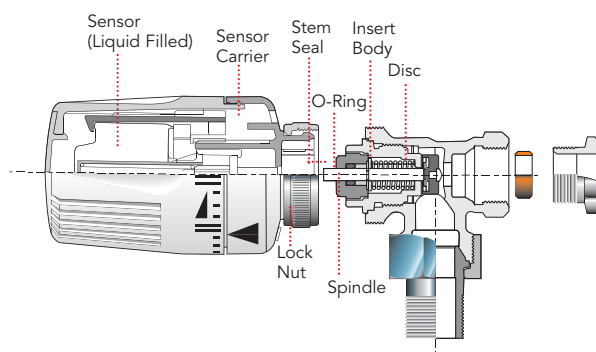
Standard Colors.							
	Beige RAL 1001	Golden RAL 1004	Pearly White RAL 1013	Ivory Light RAL 1015	Traffic Yellow RAL 1023	Pastel Yellow RAL 1034	Blazing Red RAL 3000
	Ruby RAL 3003	Claret RAL 3005	Reddish Black RAL 3007	Beige Red RAL 3012	Raspberry RAL 3027	Mauve RAL 4007	Ultramarine RAL 5002
	Sapphire RAL 5003	Signal Blue RAL 5005	Steel Blue RAL 5011	Dove Blue RAL 5014	Distance Blue RAL 5023	Pastell Blue RAL 5024	Moss Green RAL 6005
	White Green RAL 6019	Mint RAL 6029	Silver Grey RAL 7001	Slate Grey RAL 7015	Anthracite RAL 7016	Graphite Grey RAL 7024	Stone Grey RAL 7030
	Light Grey RAL 7035	Dust Grey RAL 7037	Window Grey RAL 7040	Tele Grey RAL 7047	Chocolate RAL 8017	Cream White RAL 9001	Grey White RAL 9002
Metallic Colors.							
	White RAL 9010	Traffic White RAL 9016	Deep Black RAL 9005	Traffic Black RAL 9017	Cocoa RAL 050 40 20	Terracotta RAL 050 60 30	Cappuccino RAL 060 60 20
	Pearl Night Blue RAL 5026	Pearlopal Green RAL 6036	Pearl Light Grey RAL 9022	Pearl Beige RAL 1035	Pearl Gold RAL 1036	Pearl Orange RAL 2013	
	Grey Aluminium RAL 9007	White Aluminium RAL 9006	Stainless Steel Look VNF 7906				
	Aegean VNF 6901	Kapri VNF 5901	Greenwich VNF 6904	Calypso VNF 6902	Edelweiß VNF 9901	Alba VNF 9902	Pergamon VNF 1904
	Jasmin VNF 1903	Natural VNF 1905	Anemone VNF 1901	Bahamabeige VNF 1902	Banana VNF 1907	Flanell VNF 7905	Manhattan VNF 7902
Sanitary-ware Colors.							
	Chinchilla VNF 7901	Magnolia VNF 3901	Stella VNF 7903	Sunset VNF 3902	Crocus VNF 6903	Key West VNF 5902	Aloa VNF 5903

Radiator Valves

Now you can control temperatures room by room!

Myson TRV II Radiator Valves provide a cost-effective method of achieving better energy efficiency by allowing you to control temperatures in your house, room by room.

Choose the precise temperature you want in each room and the Myson TRV II automatically maintains it. It's quick and easy to have the Myson TRV II installed: there's no complicated plumbing and the cost is amazingly small compared to the savings you'll see in your heating bills year after year.



Comfort, safety & durability

The Myson TRV II:

- Controls the level of heat in individual rooms, much like a zone valve;
- Automatically shuts off when the need for heat is satisfied;
- Has a locking or limited range adjustment to prevent tampering;
- Provides optimum comfort while reducing energy waste and heating costs.

Technical Data:

- For Hot Water Systems Only
- Maximum Operating Pressure 145 psi
- Maximum Water Temperature 248°F
- Conforms to ISO 9002
- Liquid-Filled Sensor Element
- Time Constant: 26 min
- Hysteresis <2°F
- Setting Ambient Range 46°F to 83°F
- Normal Setting 68°F
- Frost Setting 46°F
- Maximum Differential Pressure 8 psi

The Myson TRV II Valve incorporates a notched economy position (set at 68°F) which gives a warning when the valve is turned to higher temperatures.

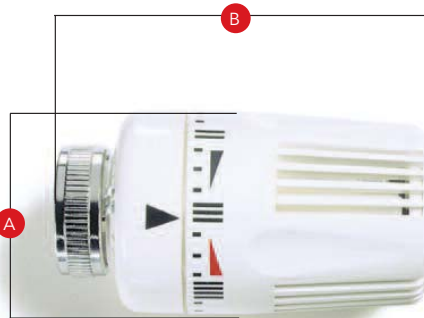
TRV II Valve

This is how Myson's unique TRV II Valve works:

- Each TRV II has a sensor element which consists of a liquid-filled capsule with an immersed bellows and push rod;
- As the ambient temperature rises, the liquid in the sensor's metal capsule expands and compresses the bellows, causing the integral push rod to close the valve;
- As the room's ambient temperature drops, the liquid in the capsule contracts, allowing the bellows to retract the push rod to open the valve.

Added Benefit:

Another special feature of the TRV II is its two integral locking pins, allowing you to lock the temperature at one setting or limit it to a specific range of temperatures. Refer to Valve Accessories on page 7.



TRV II	A	B
2TRVHD	1-15/16"	3-9/16"

Setting range of temperature with proportional band of <4°F

*	I	II	III	IIII	●
42°F	50°F	57°F	64°F	72°F	79°F

Closing temperatures of the sensor

○	*	I	II	III	IIII	●
OFF	46°F	53°F	60°F	68°F	75°F	83°F

Radiator Valves

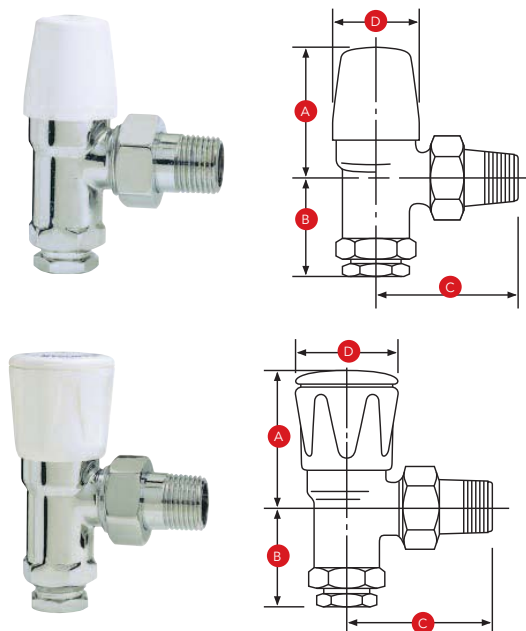
Myson Fullflow Range Valves

The MYSON Fullflow Heavyweight Valve is a high performance valve for providing on/off control.

The non-rising spindle mechanism uses a double O-ring seal capable of withstanding 145 psi at 245°F in either the full open or closed position. Because the applications to which the FullFlow is suited have higher operational demands, the mechanism has been ingeniously designed to allow maintenance while in service. The spindle may be removed for servicing while the plunger remains securely sealed, preventing sudden escapes of system water.

The FullFlow handwheel and lockshield cover are manufactured in high quality ABS and are screw-fixed to the valve spindle. The handwheel has a smooth appearance and easy-to-clean surface.

- Maximum operating pressure 145 psi
- Maximum water temperature 248°F
- Conforms to ISO-9002
- Available in high quality polished chrome finish.
- One valve for copper compression or iron pipe threads
- Double O-ring seal and non-rising spindle
- O-ring seal on union guarantees water tight seal
- Copper compression or female pipe thread inlet
- Outlet is 1/2" male BSPT
- All valves are shipped with the base tapped for nominal 1/2" threads and with a matching compression nut and ferrule.



FULLFLOW RANGE VALVES		G	A	B	C	D
WHEELHEAD ANGLE	FF16WAC	1/2"	2-5/32"	1-3/4"	2-5/32"	1-17/32"
LOCKSHIELD ANGLE	FF16LAC	1/2"	2-1/16"	1-3/4"	2-5/32"	1-3/8"

Lockshield Body for Two-Pipe Heating Systems

Myson offers two adjustable valve bodies for Two-Pipe Heating Systems: Vertical Angle and Straight Body

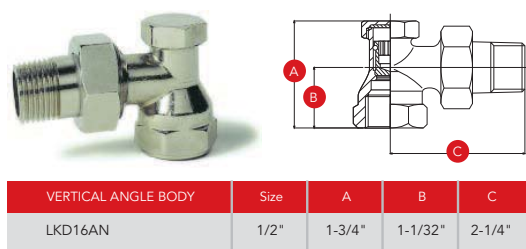
- Stamped Brass, Nickel Plated
- Maximum Operating Pressure 145 psi
- Maximum Water Temperature 248°F
- Copper compression or female pipe thread inlet
- Outlet is 1/2" male BSPT

To determine flow through the lockshield valves, choose the body style* and design pressure drop in psi. The chart below shows the C_v^{**} factor for each style and valve setting. Use this equation to calculate flow:

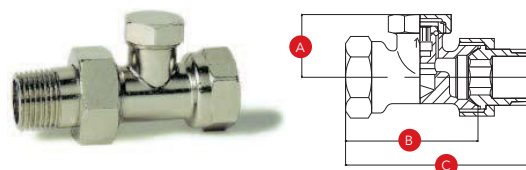
$$\text{Flow[gpm]} = C_v \sqrt{\Delta P[\text{psi}]}$$

*Each valve body is shipped in the closed position

** C_v =gpm@1 psi differential pressure



VERTICAL ANGLE BODY		Size	A	B	C
LKD16AN		1/2"	1-3/4"	1-1/32"	2-1/4"



STRAIGHT BODY		Size	A	B	C
LKD16SN		1/2"	15/16"	2"	3-1/8"

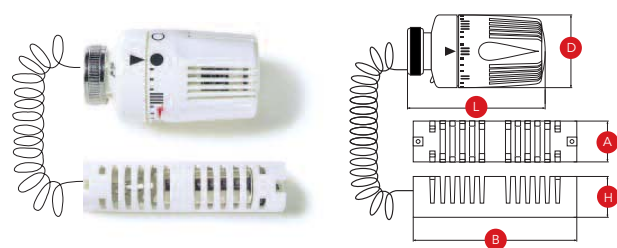
Turns	.25	.50	.75	1.0	1.25	1.50	1.75	2.0	2.25	2.50	2.75	3.0	3.25	3.50	3.75	4.0	4.25	4.50	4.75	5.0
Vertical Angle	0.22	0.36	0.55	0.80	0.96	1.10	1.26	1.51	1.71	1.88	2.07	2.29	2.46	2.62	2.76	2.97	3.13	3.31	3.43	3.57
Straight Body	0.29	0.35	0.43	0.51	0.61	0.71	0.79	0.87	0.97	1.06	1.13	1.20	1.27	1.32	1.36	1.40	1.43	1.45	1.47	1.48

Radiator Valves

Remote Sensor

Myson's Remote Sensor helps our valve do the job where a standard valve can't.

Use our Remote Sensor when valve placement makes it difficult or impossible to sense air temperature correctly, such as when it must be placed behind furniture or curtains, or when the valve is in direct sunlight. The TRV II is set and responds exactly as a standard valve, except that a length of capillary tubing connects the SENSOR to the VALVE.

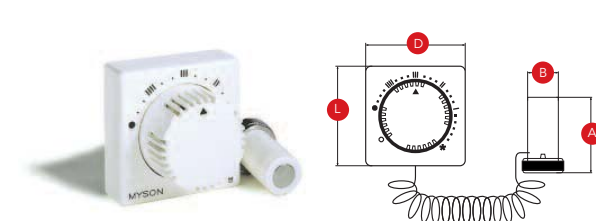


STANDARD CAPILLARY LENGTHS		A	B	D	H	L
6' 2TRVRS2	15' 2TRVRS5	1-1/8"	4-7/16"	1-15/16"	1-1/8"	3-9/16"

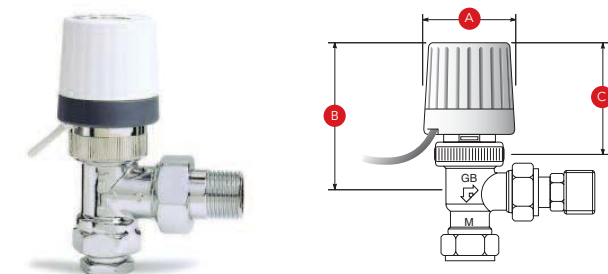
Remote Adjuster

Myson's Remote Adjuster allows easy temperature control where manual access to the valve would be difficult.

The Remote Adjuster can be wall-mounted anywhere from 6 to 15 feet away from the valve. The Remote Adjuster should be positioned where the air can continually pass freely over it.



STANDARD CAPILLARY LENGTHS		A	B	D	L
6' 2TRVRA2	15' 2TRVRA5	2-1/8"	1-9/32"	3-1/8"	3-1/8"



THERMO-ELECTRIC VALVE		A	B	C
2TRVEL 024	1/2"	1-3/4"	2-7/8"	2-1/8"

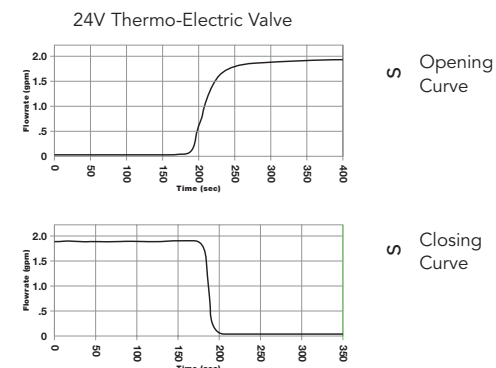
Thermo-Electric Radiator Valves

Myson Thermo-Electric Radiator Valves may be used to accurately control room temperature via a room thermostat or central control (thermostat and transformer are not provided).

These Myson Valves may be positioned behind long curtains, in boxes or in direct sunlight without loss of performance. The room thermostat is positioned on the optimal point on the wall and can be used to control one or more Thermo-Electric Valves, giving equal temperature regulation throughout the control zone.

An integral indicator gives visual confirmation of whether the valve is open or closed.

Performance



Specifications

Electro Head	2 TRVEL 024
Operating Voltage	24V AC+/-10%
Electric Input	
-Temporary Operation (While Opening)	0.7A
-Continuous Operation	130mA, 3W
Over Voltage Protection	Varistor
Operating Characteristics	Closed when no current
Opening Time	3 minutes
Closing Time	3 minutes
Strokes	.118" maximum
Ambient Temperature	122°F maximum
Cable Length	40"
Protection Class	Class II, IP41

Radiator Valves

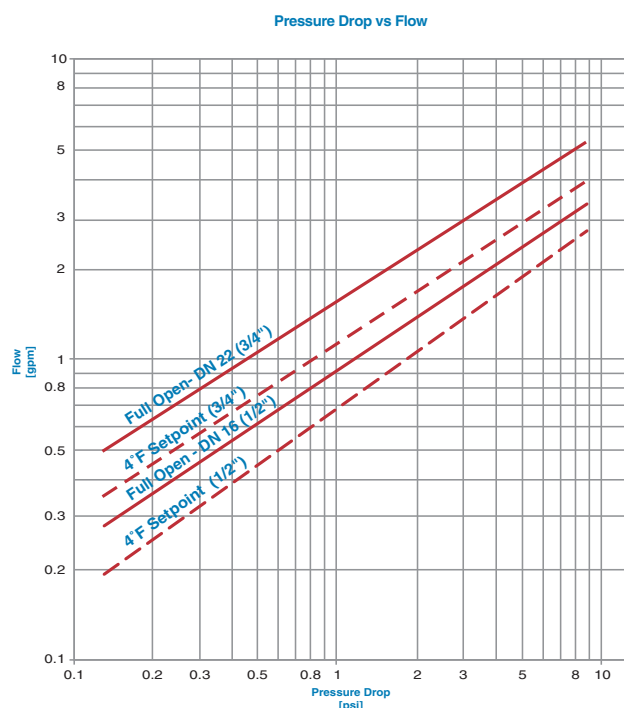
Thermostatic Body for Two-Pipe Heating Systems

The engineering of the Myson TRV II Thermostatic Radiator Valve Body allows the valve to operate correctly at all differential pressures, in either flow direction, without loss of performance. The Thermostatic Valve Body, for Two-Pipe Heating Systems, is available in a Vertical Angle, Straight, and Horizontal Angle Body.

Features:

- Nickel Plated, Stamped Brass Body
- Maximum Water Temperature 248°F
- Commissioning Cap - White
- Copper compression or female pipe thread inlet
- Outlet is 1/2" male BSPT

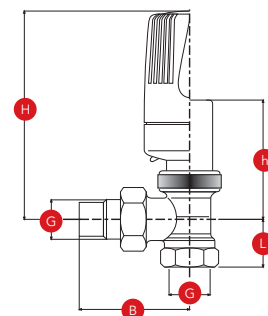
TRV II Flow Characteristics



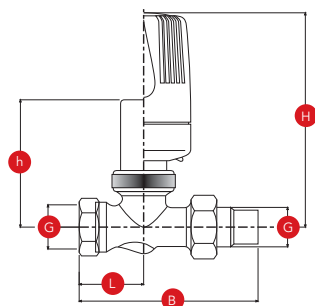
Note: The valve opening is determined by the temperature difference between the sensor (room temperature) and the setpoint on the valve. Typical design calls for a 4°F setpoint difference, i.e. when the room temperature at the sensor is 64°F and the TRVII is set at a control temperature of 68°F (the III setting), the flow through the valve can be determined by the 4°F Setpoint line shown in the figure above.

MYSON TRV valves maintain their quiet operation up to pressure drops of about 8 psi. To avoid water noise or chatter, good design practice suggests that design pressures be kept below this threshold.

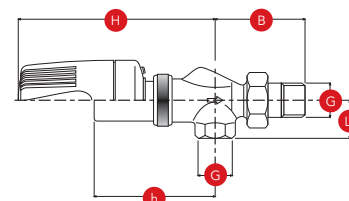
Vertical Angle Body



Straight Body



Horizontal Angle Body



VERTICAL ANGLE BODY	G	B	L	H*	h*
2TRV16ANP	1/2"	2-1/4"	1-1/16"	4-1/4"	2-15/16"

STRAIGHT BODY	G	B	L	H*	h*
2TRV16SNP	1/2"	3-3/4"	1-3/8"	4-7/16"	3-5/32"

HORIZONTAL ANGLE BODY	G	B	L	H*	h*
2TRV16INP	1/2"	2-1/16"	1-7/16"	4-1/2"	3-1/8"

H* fitted with 2TRV Head or 2TRV Head (Remote Sensor)
h* fitted with 2TRV ADJ Head (Remote Adjuster)

Notes

Radiators • Fan Convectors • Towel Warmers • Pex

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