

Radiators

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



MysonComfort.com

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.

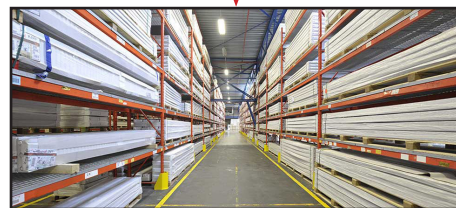
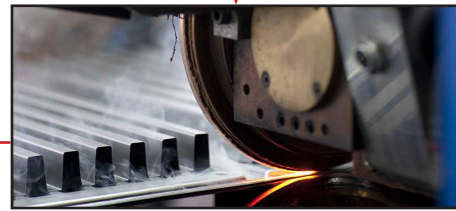
Our radiators are among the most energy efficient on the market. Heat output is attained using a remarkably low volume of water combined with a large convection surface. Precision placement of the water channels ensures optimal water distribution and heat transmission.

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, 16¹⁵/₁₆, 22⁵/₈, and 28¹/₄ inches Overall height: 78³/₄ inches

- Additional sizes and models are available as special order

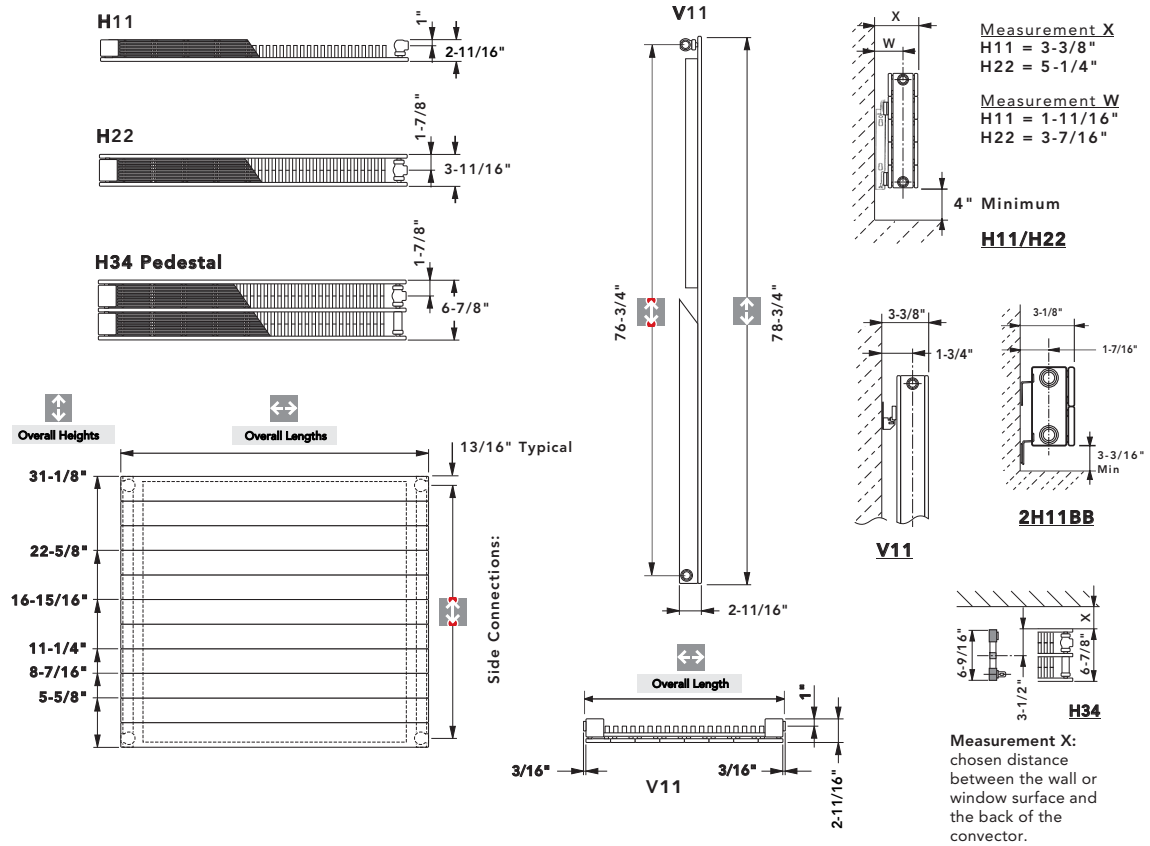
Finishes:

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 1⁹/₁₆ 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)

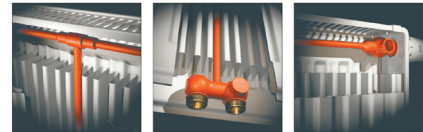
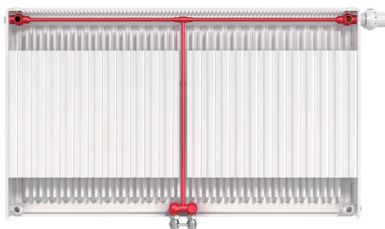
Standard Lengths:

16 to 79 inches (Nominal)

- Additional sizes and models are available as special order

Finishes:

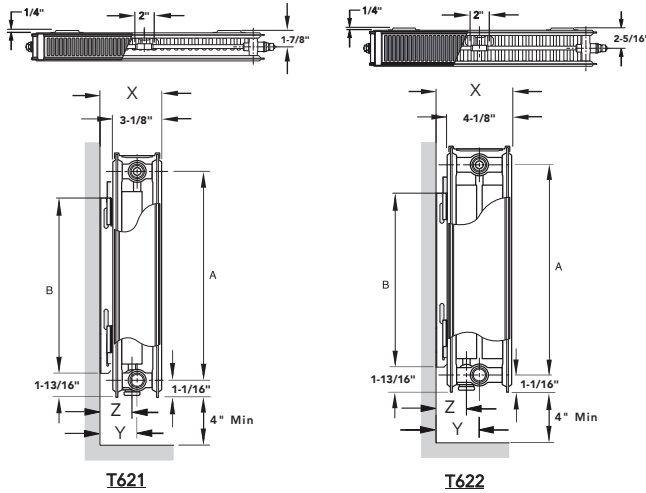
1. **Undercoat:** electrophoretic, using water-soluble paints, conforming to DIN 55900 part 1, baked at 374° F;
2. **Finish coat:** electrostatic powder coating, conforming to DIN 55900 part 2. (On request, and at a supplementary charge, a range of RAL colors can be offered. RAL 9016 white is standard.) 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 |
| 19 ¹¹ / ₁₆ | 17 ⁹ / ₁₆ | 13 ⁷ / ₈ |
| 23 ⁵ / ₈ | 21 ¹ / ₂ | 17 ¹³ / ₁₆ |

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 | |
| T621-4-16 | 1600 - 63 | 7573 | 5832 | 4241 | 75 | 2.11 | T622-4-16 | 9816 | 7558 | 5497 | 91 | 2.11 | | |
| Height 500mm 19 ¹¹ / ₁₆ in | 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 | |
| | 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 | | |
| Height 600mm 23 ⁵ / ₈ in | T621-6-04 | 400 - 15 ³ / ₄ | 2455 | 1890 | 1375 | 29 | 0.75 | T622-6-04 | 3097 | 2385 | 1734 | 33 | 0.75 | |
| | 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 ¹¹ / ₁₆ | 1690 | 1301 | 947 | 18.3 | 0.491 | T622-5-XX | 2127 | 1638 | 1191 | 21.3 | 0.491 |
| T621-6-XX | 23 ⁵ / ₈ | 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 $1\frac{1}{2}$ " 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:

$7\frac{7}{8}$ inches (Nominal)

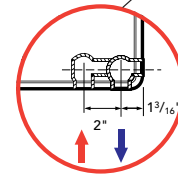
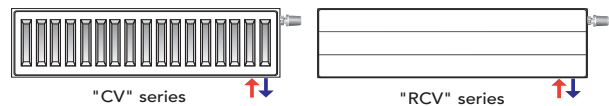
14 Standard Lengths:

24 to 119 inches (Nominal)

- Additional depths are available as special order

Finishes:

- Undercoat:** cataphoretic, submersion in a KTL bath, conforming to DIN 55900 part 1, baked at 347° F;
- 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



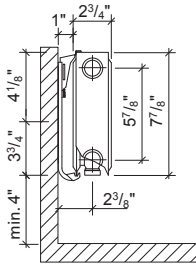
RCV Model



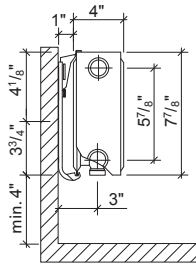
Contractor Series

CV and RCV Type 21 and Type 22 models

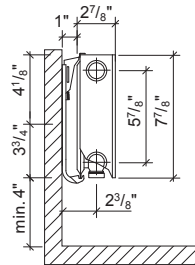
CV Baseboard and RCV Baseboard - wall brackets



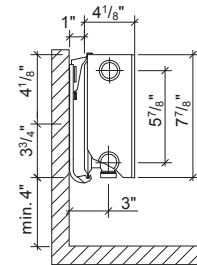
type CV 21



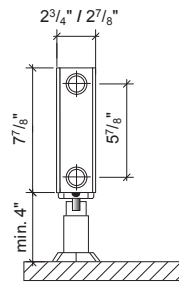
type CV 22



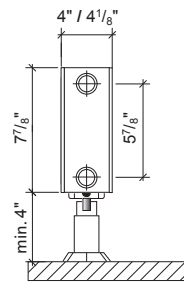
type RCV 21



type RCV 22



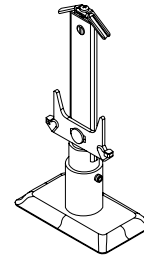
type CV 21
type RCV 21



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 | Nominal Length | Output* | Output* | Output* | Weight | Water Content | Order Code | Output* | Output* | Output* | Weight | Water Content |
|-------------------------|-----------------|----------------|------------------|------------------|------------------|-----------|---------------|-----------------|------------------|------------------|------------------|------------|---------------|
| | CV/RCV Type 21 | (mm - inches) | Btuh @ 180°F AWT | Btuh @ 160°F AWT | Btuh @ 140°F AWT | | | CV/RCV Type 22 | Btuh @ 180°F AWT | Btuh @ 160°F AWT | Btuh @ 140°F AWT | | |
| Height 200mm - 7 1/8 in | CV21/RCV21-600 | 600 - 23 7/8 | 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 3/8 | 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

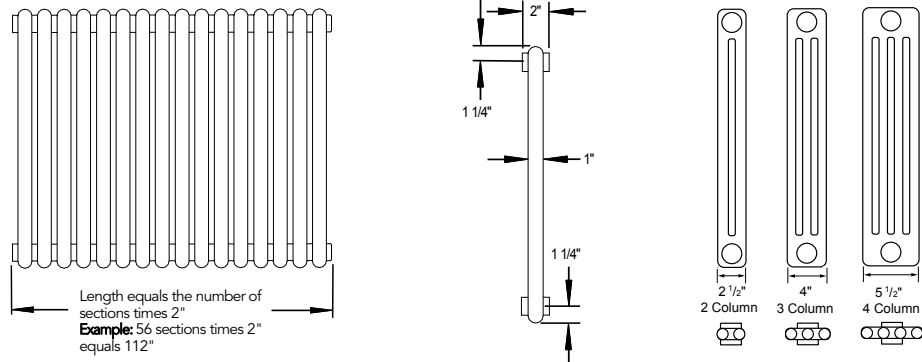


Finishes:

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 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 |
| Height 24in | 36 - 2045 | 36 | 72 | 4454 | 59.4 | 5.00 |
| | 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 |
| Height 79in | 24 - 2060 | 24 | 47 | 3850 | 52.0 | 4.20 |
| | 28 - 2060 | 28 | 55 | 4492 | 60.5 | 4.90 |
| | 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 |
| Height 24in | 36 - 3045 | 36 | 72 | 8021 | 88.9 | 7.24 |
| | 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:

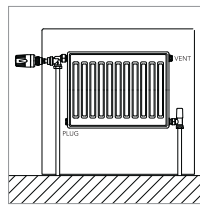
22, 25, 33, & 37 inches (Nominal)

Standard Heights:

24 to 79 inches (Nominal)

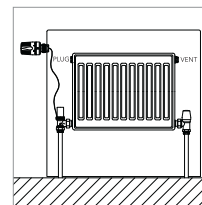
• MYSON recommends the use of one of the following TRV kits with the LST radiator:

- **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.

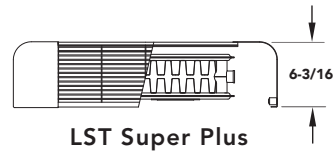
Finishes:

- 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.)

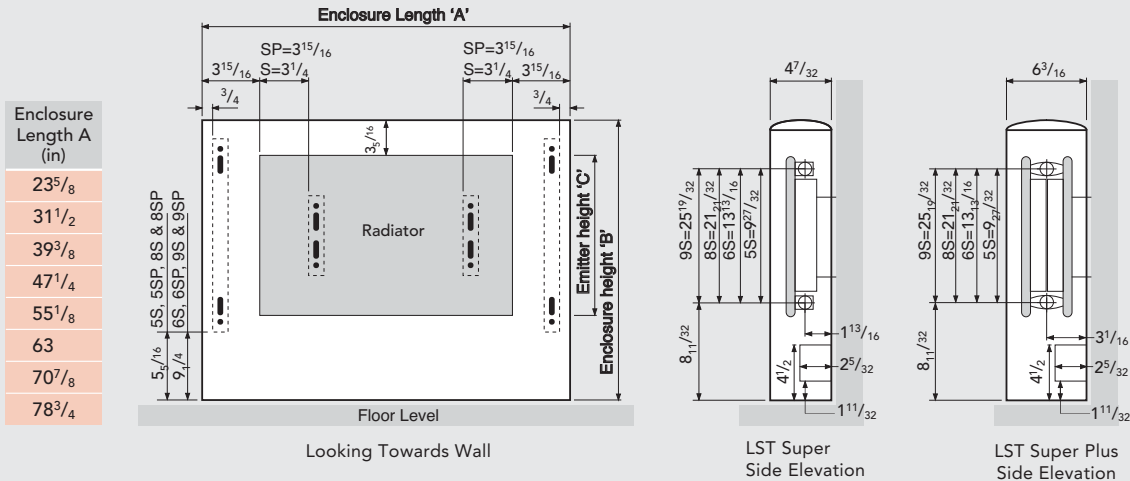


Low Surface Temperature "LST"

LST Super and LST Super Plus models



Bracket Positions and Dimensions



| | | | | |
|--------------------------|----------------------------------|----------------------------------|----------------------------------|---------------------------------|
| Enclosure Height* B (in) | 22 ¹ / ₂ | 26 ¹⁵ / ₃₂ | 34 ¹¹ / ₃₂ | 38 ¹ / ₄ |
| Radiator Height C (in) | 11 ¹³ / ₁₆ | 15 ³ / ₄ | 23 ⁵ / ₈ | 27 ⁹ / ₁₆ |

* 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) | |
|--|--|---------------------------------------|--------------------------------------|--------------------------|--------------|----------------------|------------|--------------------------|--------------------------|--------------|----------------------|------|
| | | | | | | | | | | | | |
| Height 572mm 22 ¹ / ₂ in | 5 LS 080 | 600 - 23 ⁵ / ₈ | 946 | 475 | 27 | 0.34 | 5 LSP 080 | 1861 | 942 | 40 | 0.68 | |
| | 5 LS 100 | 1000 - 39 ⁵ / 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 140 | 1600 - 63 | 2207 | 1109 | 55 | 0.68 | 5 LSP 140 | 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 | |
| Height 672mm 26 ¹⁵ / ₃₂ in | 6 LS 060 | 600 - 23 ⁵ / 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 ⁵ / 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 | |
| Height 772mm 30 ¹¹ / ₃₂ in | 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 | |
| | 8 LS 060 | 600 - 23 ⁵ / 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 ⁵ / 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 | |
| Height 872mm 34 ¹¹ / ₃₂ in | 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 | |
| | Height 972mm 38 ¹ / ₄ in | 9 LS 060 | 600 - 23 ⁵ / 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 ⁵ / 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 | | |

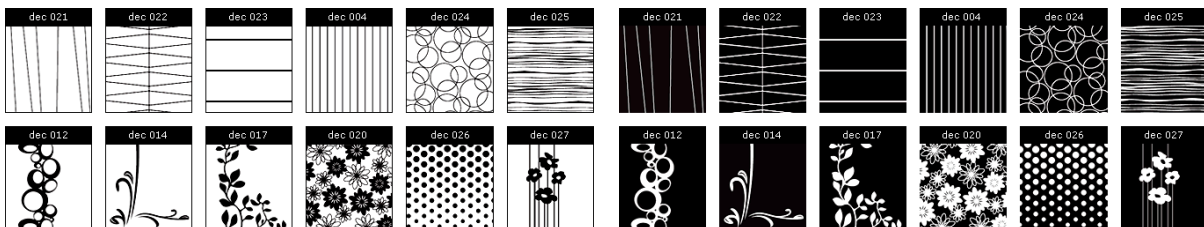
* Outputs are based on EAT of 68°F. For outputs based on other AWT and/or other EAT please consult our radiator correction chart.

All Dimensions are nominal

Specialty Radiators



Designer Series



Specialty Radiators

Stainless Steel



Ramsey



Norte



Aries

Gemini



Designer Column Bench



Designer Column Table



Colors



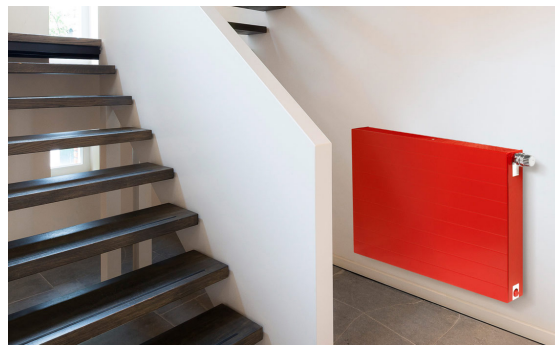
Let
your
imagination
run
WILD

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 |
| | | | | | | |
| 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 |

Metallic Colors.

| | | | | | | |
|-------------------------|-------------------------|---------------------------|------------------------|---------------------------|---------------------------|-------------------------|
| | | | | | | |
| 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 |

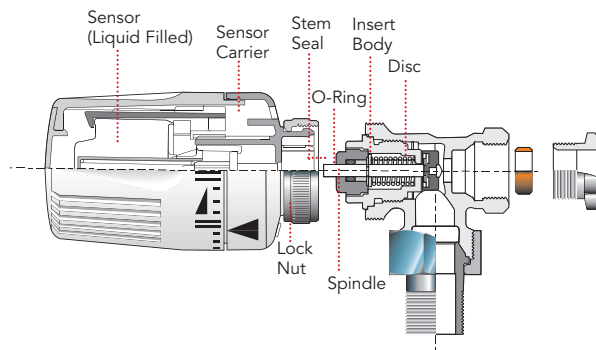


Radiator Valves

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.

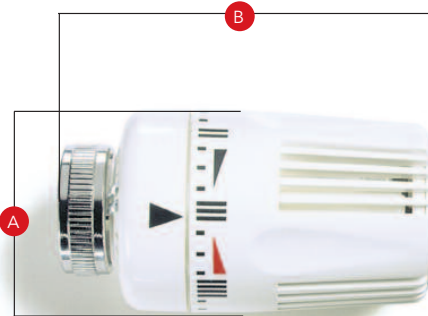
TRV II Valve

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

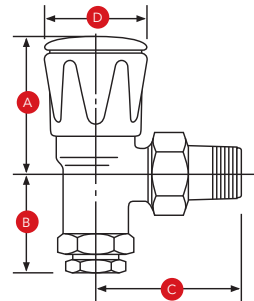
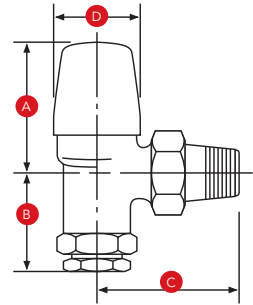
Myson Fullflow Range Valves

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

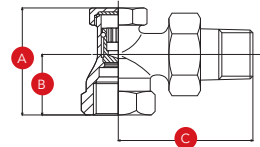
Myson offers two adjustable valve bodies for Two-Pipe Heating Systems: Vertical Angle and Straight Body

- 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

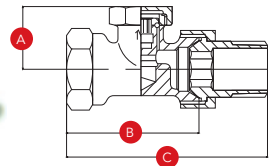
To determine flow through the lockshield valves, choose the body style* and design pressure drop in psi. The chart below shows the C_v^{**} factor for each style and valve setting. Use this equation to calculate flow:

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

*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" |

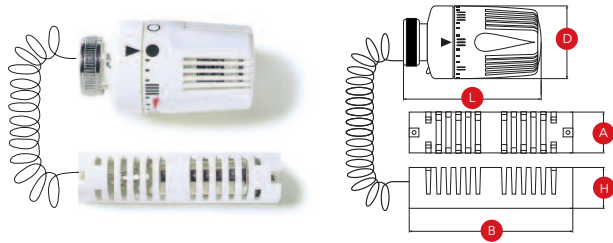
| TURNS | .25 | .50 | .75 | 1.0 | 1.25 | 1.50 | 1.75 | 2.0 | 2.25 | 2.50 | 2.75 | 3.0 | 3.25 | 3.50 | 3.75 | 4.0 | 4.25 | 4.50 | 4.75 | 5.0 |
|----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 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.

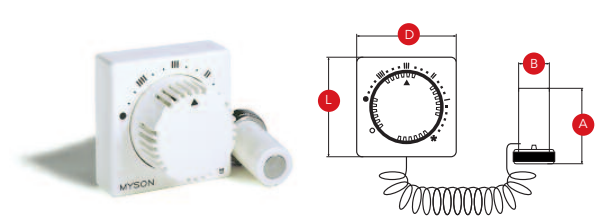


| STANDARD CAPILLARY LENGTHS | | A | B | D | H | L |
|----------------------------|-------------|--------|---------|----------|--------|---------|
| 6' 2TRVRS2 | 15' 2TRVRS5 | 1-1/8" | 4-7/16" | 1-15/16" | 1-1/8" | 3-9/16" |

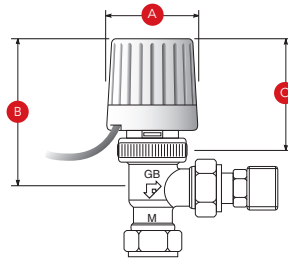
Remote Adjuster

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' 2TRVA55 | 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" |

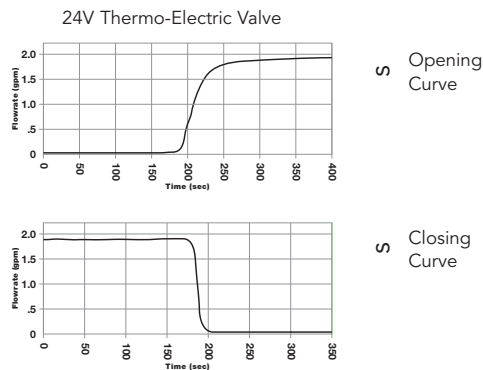
Thermo-Electric Radiator Valves

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

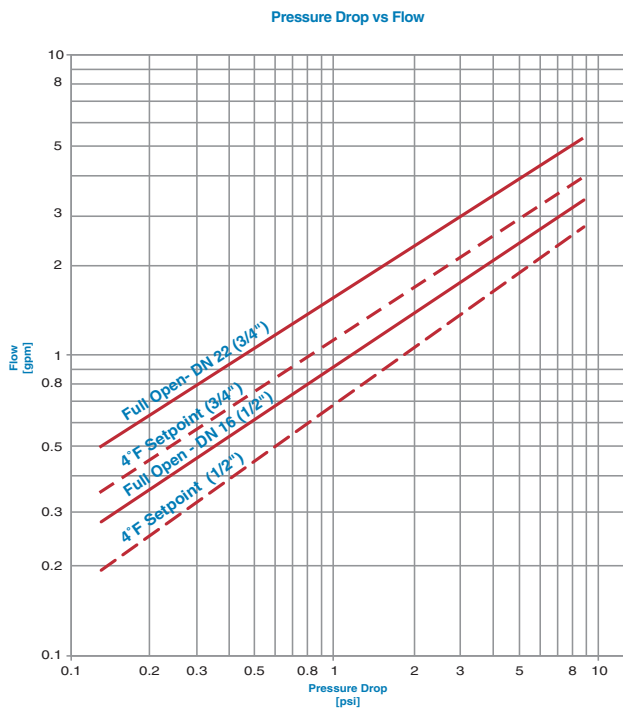
Thermostatic Body for Two-Pipe Heating Systems

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

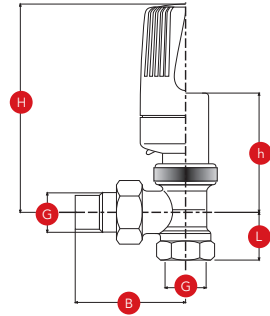
TRV II Flow Characteristics



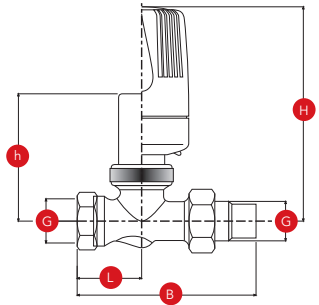
Note: The valve opening is determined by the temperature difference between the sensor (room temperature) and the setpoint on the valve. Typical design calls for a 4°F setpoint difference, i.e. when the room temperature at the sensor is 64°F and the TRVII is set at a control temperature of 68°F (the 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.

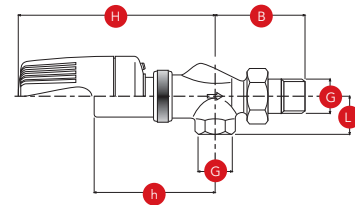
Vertical Angle Body



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)

Fan Convectors

For over 50 years, Myson has delivered innovation and quality with our fan convector options, and it continues today with the new generation fan convector, the iVector.

iVector



- New Generation of Intelligent Fan Convector for Heating & Cooling applications
- Low Temp High Output with Rapid Heat
- Low sound levels make it suitable for any space
- Programmable controls including BMS option
- Easy to install

"All-in-One" Recessed Wall Unit (RCU)



- Contractor friendly unit for easy install in 2x4 stud wall
- Unit with built-in 24V Transformer, Solenoid Valve, Flow Control and Purge Valve
- Great option when zone control is required
- High heat outputs up to 14,472 BTU/hr

Kickspace



- Myson standard for over 50 years engineered to simply last longer
- Compact design for bathrooms, kitchens and entryway heating
- Available in Hydronic & Electric application
- Heat outputs up to 9,949 BTU/hr

Hi-Line/Lo-Line Wall Mount



- Surface mount with remote control option
- Modulating 3-speed blower
- High heat outputs up to 21,094 BTU/hr

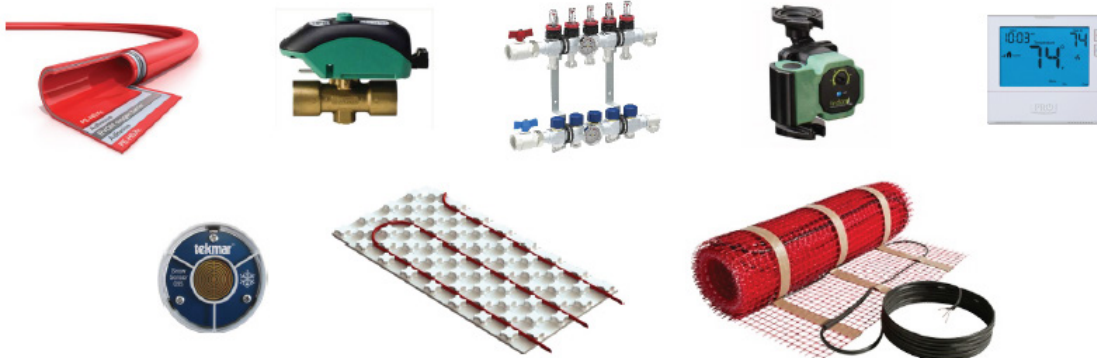
Electric Wall Mount



- Surface or recessed mount
- Multi-speed blower
- Up to 3,000 watt output

Radiant Solutions – Underfloor Heating and Ice/Snow Melt

Myson offers you a turnkey solution from design to delivery for all of your radiant needs ... Pex, Fittings, Manifolds, Controls, Attachments and Accessories.



Towel Warmers

Both decorative and functional, Myson offers a style and price to meet any need when it comes to heating and elegance in a bathroom.

- Handcrafted for over 30 years from brass & steel
- Over 60 different models to choose from
- Available in Polished Chrome, Polished Nickel, Satin Nickel, Regal Brass, Oil-Rubbed Bronze and White finishes
- Models available in both electric and hydronic applications
- Gem Series is our portable plug-in style with a hard-wire kit available as an accessory
- Ten year warranty on our European Tradition, Contemporary Designer and Classic Comfort models
- Two year warranty on our Gem Series



Notes



Radiators • Fan Convectors • Towel Warmers • Pex

Myson Comfort for all of your heating needs.



MysonComfort.com

heatingthroughinnovation.