Radiators

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

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 though 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 ...
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 7/16” x 16 ga.
Maximum positive operating pressure: High-pressure design: 116 psi rectangular steel tubes, 23/4” x 7/16” x 14 ga.
Maximum operating temperature: 230° F

**Baseboard dimensions: 2H**
Overall lengths: between 23 3/8 inches and 118 1/8 inches Overall height: 5 9/16 inches (2 panels)

**Horizontal radiator dimensions: 3H - 11H**
Overall lengths: between 23 3/8 inches and 94 1/2 inches
Overall heights: between 8 7/16 inches (3 panels) and 31 7/8 inches (11 panels)

**Vertical radiator dimensions: 5V - 10V**
Overall lengths: of 14 1/8, 16 13/16, 22 7/8, and 28 1/4 inches Overall height: 78 3/4 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**

![Diagram of Décor Radiators](image)

<table>
<thead>
<tr>
<th>Model</th>
<th>Length (in)</th>
<th>Height</th>
<th>Connections per side</th>
<th>Weight (lbs/ft)</th>
<th>Water Content (gals/ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2H11</td>
<td>5-5/8&quot;</td>
<td>1&quot; BSP</td>
<td>810F, 100F, 125F</td>
<td>5.25</td>
<td>0.90</td>
</tr>
<tr>
<td>3H11</td>
<td>8-7/16&quot;</td>
<td>1&quot; BSP</td>
<td>810F, 100F, 125F</td>
<td>7.62</td>
<td>1.30</td>
</tr>
<tr>
<td>4H11</td>
<td>11-1/4&quot;</td>
<td>1&quot; BSP</td>
<td>810F, 100F, 125F</td>
<td>9.75</td>
<td>1.80</td>
</tr>
<tr>
<td>6H11</td>
<td>16-15/16&quot;</td>
<td>1&quot; BSP</td>
<td>810F, 100F, 125F</td>
<td>13.34</td>
<td>2.60</td>
</tr>
<tr>
<td>8H11</td>
<td>22-5/8&quot;</td>
<td>1&quot; BSP</td>
<td>810F, 100F, 125F</td>
<td>17.57</td>
<td>3.60</td>
</tr>
<tr>
<td>11H11</td>
<td>31-1/8&quot;</td>
<td>1&quot; BSP</td>
<td>810F, 100F, 125F</td>
<td>22.54</td>
<td>4.90</td>
</tr>
<tr>
<td>6H22</td>
<td>16-15/16&quot;</td>
<td>1&quot; BSP</td>
<td>810F, 100F, 125F</td>
<td>24.82</td>
<td>5.40</td>
</tr>
<tr>
<td>8H22</td>
<td>22-5/8&quot;</td>
<td>1&quot; BSP</td>
<td>810F, 100F, 125F</td>
<td>32.94</td>
<td>7.20</td>
</tr>
<tr>
<td>11H22</td>
<td>31-1/8&quot;</td>
<td>1&quot; BSP</td>
<td>810F, 100F, 125F</td>
<td>42.38</td>
<td>9.90</td>
</tr>
<tr>
<td>2H34</td>
<td>ADJUSTABLE</td>
<td>1/2 BSP</td>
<td>810F, 100F, 125F</td>
<td>16.08</td>
<td>2.60</td>
</tr>
<tr>
<td>4H34</td>
<td>ADJUSTABLE</td>
<td>1/2 BSP</td>
<td>810F, 100F, 125F</td>
<td>31.20</td>
<td>0.54</td>
</tr>
<tr>
<td>5V11</td>
<td>78-3/4&quot;</td>
<td>1/2 BSP</td>
<td>810F, 100F, 125F</td>
<td>49.52</td>
<td>1.12</td>
</tr>
<tr>
<td>6V11</td>
<td>78-3/4&quot;</td>
<td>1/2 BSP</td>
<td>810F, 100F, 125F</td>
<td>49.52</td>
<td>1.12</td>
</tr>
<tr>
<td>8V11</td>
<td>78-3/4&quot;</td>
<td>1/2 BSP</td>
<td>810F, 100F, 125F</td>
<td>49.52</td>
<td>1.12</td>
</tr>
<tr>
<td>10V11</td>
<td>78-3/4&quot;</td>
<td>1/2 BSP</td>
<td>810F, 100F, 125F</td>
<td>49.52</td>
<td>1.12</td>
</tr>
</tbody>
</table>

All Dimensions are nominal.
SELECT Compact

SELECT RADIATORS are made of cold-rolled sheet steel, and in accordance with EN 442-1, with a stylish and robust fluting with ribs at 15/16 inch intervals. This attractive and affordable model offers some of the highest heat outputs per unit cost available today.

Each SELECT 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 and a manual vent plug.

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

Maximum positive operating pressure: 145 psi
Maximum operating temperature: 230° F

Select SD Type 22 Depth: 4 1/8 inches
double panel & two rows of convector plates plus side panels & top grille

Select SX Type 21 Depth: 3 1/8 inches
double panel & one row of convector plates plus side panels & top grille

Standard Heights:
12, 16, 24, & 30 inches (Nominal)

Standard Lengths:
16 to 71 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.
**SELECT Compact**

### SX Type 21 and SD Type 22 models

<table>
<thead>
<tr>
<th>SX Type 21</th>
<th>SD Type 22</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1" alt="Diagram SX Type 21" /></td>
<td><img src="image2" alt="Diagram SD Type 22" /></td>
</tr>
</tbody>
</table>

### Specifications per Linear Foot

<table>
<thead>
<tr>
<th>Order Code</th>
<th>Nominal Height</th>
<th>Blusth at 18°F AWT</th>
<th>Blusth at 60°F AWT**</th>
<th>Blusth at 77°F AWT**</th>
<th>Weight (lbs)</th>
<th>Water Content (gph)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SG30 X01V</td>
<td>11”</td>
<td>2550</td>
<td>3600</td>
<td>4560</td>
<td>13</td>
<td>1.32</td>
</tr>
<tr>
<td>SG30 X02V</td>
<td>13”</td>
<td>2900</td>
<td>4000</td>
<td>4960</td>
<td>15</td>
<td>1.38</td>
</tr>
<tr>
<td>SG30 X04V</td>
<td>15”</td>
<td>3650</td>
<td>4900</td>
<td>5850</td>
<td>18</td>
<td>1.46</td>
</tr>
<tr>
<td>SG30 X06V</td>
<td>17”</td>
<td>4200</td>
<td>5400</td>
<td>6300</td>
<td>20</td>
<td>1.51</td>
</tr>
<tr>
<td>SG30 X08V</td>
<td>19”</td>
<td>4750</td>
<td>6000</td>
<td>6900</td>
<td>22</td>
<td>1.58</td>
</tr>
<tr>
<td>SG30 X10V</td>
<td>21”</td>
<td>5300</td>
<td>6600</td>
<td>7500</td>
<td>25</td>
<td>1.66</td>
</tr>
</tbody>
</table>

### Output Specifications

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

### Mounting Bracket Dimensions

<table>
<thead>
<tr>
<th>Type 21</th>
<th>Type 22</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mounting Bracket</td>
<td>Dimension (in)</td>
</tr>
<tr>
<td>X</td>
<td>W</td>
</tr>
<tr>
<td>KOM (BH) Short Side*</td>
<td>4”</td>
</tr>
<tr>
<td>KOM (BH) Long Side*</td>
<td>4”</td>
</tr>
<tr>
<td>SIGARTH (EZ)</td>
<td>4”</td>
</tr>
</tbody>
</table>

### Nominal Height

<table>
<thead>
<tr>
<th>Nominal Height (in)</th>
<th>A (in)</th>
<th>B (in)</th>
</tr>
</thead>
<tbody>
<tr>
<td>11 1/16”</td>
<td>9 1/16”</td>
<td>6</td>
</tr>
<tr>
<td>15 3/8”</td>
<td>13 3/8”</td>
<td>10</td>
</tr>
<tr>
<td>23 3/8”</td>
<td>21 3/4”</td>
<td>17 1/16”</td>
</tr>
<tr>
<td>29 1/2”</td>
<td>27 1/2”</td>
<td>23 3/4”</td>
</tr>
</tbody>
</table>

All Dimensions are nominal.

---

**Notes:***

- **outputs are based on delta T of 20°F and EAT of 68°F.**
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 1/16 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 convectors 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

T6 IVC Depth: 4 1/8 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

**Type 22 model**

---

**T6 22 MOUNTING DIMENSIONS**

<table>
<thead>
<tr>
<th>Mounting Bracket</th>
<th>Dimension (in)</th>
<th>Nominal Height (in)</th>
<th>A (in)</th>
<th>B (in)</th>
</tr>
</thead>
<tbody>
<tr>
<td>KOM (BH) Short Side*</td>
<td>5'/16</td>
<td>2'/16</td>
<td>2'/16</td>
<td>11'/16</td>
</tr>
<tr>
<td>KOM (BH) Long Side*</td>
<td>5'/16</td>
<td>3'/16</td>
<td>2'/16</td>
<td>19'/16</td>
</tr>
<tr>
<td>SIGARTH (EZ)</td>
<td>5'/2</td>
<td>3'/16</td>
<td>2'/16</td>
<td>23'/16</td>
</tr>
</tbody>
</table>

*From wall to radiator

---

**T6 22**

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

---

**Specifications per Linear Foot**

<table>
<thead>
<tr>
<th>Order Code</th>
<th>Nominal Length (inches)</th>
<th>Nominal Height (inches)</th>
<th>Btuh/ft at 180°F AWT**</th>
<th>Btuh/ft at 50°F AWT**</th>
<th>Weight (lbs/ft)</th>
<th>Water Content (gals/lf)</th>
</tr>
</thead>
<tbody>
<tr>
<td>T622-3-XX</td>
<td>400 - 153/4</td>
<td>11'/16</td>
<td>1468</td>
<td>1132</td>
<td>539</td>
<td>14.2</td>
</tr>
<tr>
<td>T622-4-XX</td>
<td>450 - 157/8</td>
<td>157/8</td>
<td>1845</td>
<td>1427</td>
<td>1034</td>
<td>18.8</td>
</tr>
<tr>
<td>T622-5-XX</td>
<td>500 - 19'/16</td>
<td>19'/16</td>
<td>2142</td>
<td>1650</td>
<td>1200</td>
<td>21.3</td>
</tr>
<tr>
<td>T622-6-XX</td>
<td>550 - 23'/16</td>
<td>23'/16</td>
<td>2444</td>
<td>1882</td>
<td>1368</td>
<td>23.9</td>
</tr>
</tbody>
</table>

**Output**

- **Btuh/ft at 180°F AWT**
- **Btuh/ft at 50°F AWT**
- **Weight (lbs/ft)**
- **Water Content (gals/lf)**

---

**Order Code**

- **T622-3-4**
- **T622-3-06**
- **T622-3-08**
- **T622-3-92**
- **T622-3-10**
- **T622-3-12**
- **T622-3-14**
- **T622-3-16**
- **T622-3-18**
- **T622-3-20**
- **T622-4-04**
- **T622-4-06**
- **T622-4-08**
- **T622-4-92**
- **T622-4-10**
- **T622-4-12**
- **T622-4-14**
- **T622-4-16**
- **T622-5-04**
- **T622-5-06**
- **T622-5-08**
- **T622-5-92**
- **T622-5-10**
- **T622-5-12**
- **T622-5-14**
- **T622-5-16**
- **T622-5-18**
- **T622-6-04**
- **T622-6-06**
- **T622-6-08**
- **T622-6-92**
- **T622-6-10**
- **T622-6-12**
- **T622-6-14**
- **T622-6-16**
- **T622-6-18**
- **T622-6-20**

**Height (600mm - 23½ in)**

---

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

---

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

---

**Dimensions are nominal.**

---

Rettig USA Inc. • 45 Krupp Drive, Williston, VT 05495 • Phone: 800-698-9690 • Fax: 802-654-7022 • MysonComfort.com
**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 13/16 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 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.)
CV and RCV Type 21 and Type 22 models

CV Baseboard and RCV Baseboard - wall brackets

Specification per Linear Foot

<table>
<thead>
<tr>
<th>Order Code</th>
<th>Nominal Height (inches)</th>
<th>Btu/h at 180°F AWT</th>
<th>Btu/h at 160°F AWT</th>
<th>Btu/h at 140°F AWT</th>
<th>Weight (lbs)</th>
<th>Water Content (gals/ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CV21-XXXX</td>
<td>7/16&quot;</td>
<td>684</td>
<td>540</td>
<td>397</td>
<td>7.26</td>
<td>0.20</td>
</tr>
<tr>
<td>CV22-XXXX</td>
<td>7/16&quot;</td>
<td>684</td>
<td>540</td>
<td>397</td>
<td>8.47</td>
<td>0.20</td>
</tr>
<tr>
<td>RCV21-XXXX</td>
<td>7/16&quot;</td>
<td>902</td>
<td>713</td>
<td>523</td>
<td>9.14</td>
<td>0.20</td>
</tr>
<tr>
<td>RCV22-XXXX</td>
<td>7/16&quot;</td>
<td>902</td>
<td>713</td>
<td>523</td>
<td>10.41</td>
<td>0.20</td>
</tr>
</tbody>
</table>

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

All Dimensions are nominal
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.

**WARRANTY**

Rettig USA Inc. • 45 Krupp Drive, Williston, VT 05495 • Phone: 800-698-9690 • Fax: 802-654-7022 • MysonComfort.com
### 2 COLUMN

<table>
<thead>
<tr>
<th>Height 18in</th>
<th>Order Code</th>
<th>No. of Sections</th>
<th>Length (in)</th>
<th>Output (Btu/h)</th>
<th>Weight (lbs)</th>
<th>Water Content (gals)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>12·2045</td>
<td>12</td>
<td>24</td>
<td>1485</td>
<td>19.8</td>
<td>1.68</td>
</tr>
<tr>
<td></td>
<td>16·2045</td>
<td>16</td>
<td>32</td>
<td>1980</td>
<td>26.5</td>
<td>2.24</td>
</tr>
<tr>
<td></td>
<td>20·2045</td>
<td>20</td>
<td>40</td>
<td>2474</td>
<td>33.0</td>
<td>2.80</td>
</tr>
<tr>
<td></td>
<td>24·2045</td>
<td>24</td>
<td>47</td>
<td>2969</td>
<td>39.6</td>
<td>3.36</td>
</tr>
<tr>
<td></td>
<td>28·2045</td>
<td>28</td>
<td>55</td>
<td>3464</td>
<td>46.2</td>
<td>3.92</td>
</tr>
<tr>
<td></td>
<td>36·2045</td>
<td>36</td>
<td>72</td>
<td>4454</td>
<td>59.4</td>
<td>5.00</td>
</tr>
</tbody>
</table>

### 3 COLUMN

<table>
<thead>
<tr>
<th>Height 12in</th>
<th>Order Code</th>
<th>No. of Sections</th>
<th>Length (in)</th>
<th>Output (Btu/h)</th>
<th>Weight (lbs)</th>
<th>Water Content (gals)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>16·3030</td>
<td>16</td>
<td>32</td>
<td>2380</td>
<td>27.5</td>
<td>2.62</td>
</tr>
<tr>
<td></td>
<td>20·3030</td>
<td>20</td>
<td>40</td>
<td>2975</td>
<td>34.4</td>
<td>3.06</td>
</tr>
<tr>
<td></td>
<td>28·3030</td>
<td>28</td>
<td>56</td>
<td>4265</td>
<td>48.2</td>
<td>4.23</td>
</tr>
<tr>
<td></td>
<td>36·3030</td>
<td>36</td>
<td>72</td>
<td>5355</td>
<td>62.0</td>
<td>5.44</td>
</tr>
</tbody>
</table>

### 4 COLUMN

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

*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 1/32 inches
single panel & one row of convector plates plus rounded steel enclosure
LST Super Plus Depth: 6 7/32 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

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

<table>
<thead>
<tr>
<th>Height</th>
<th>Diameter</th>
<th>Order Code</th>
<th>Nominal Length (mm - inches)</th>
<th>Output* (in 10°F AWT)</th>
<th>Weight (lbs)</th>
<th>Water Content (gph)</th>
</tr>
</thead>
<tbody>
<tr>
<td>572mm</td>
<td>221/2 in</td>
<td>5 LS 050</td>
<td>600 - 23/16</td>
<td>946</td>
<td>27</td>
<td>0.34</td>
</tr>
<tr>
<td></td>
<td></td>
<td>5 LS 100</td>
<td>1000 - 33/16</td>
<td>1201</td>
<td>34</td>
<td>0.43</td>
</tr>
<tr>
<td></td>
<td></td>
<td>5 LS 150</td>
<td>1500 - 41/16</td>
<td>1757</td>
<td>41</td>
<td>0.51</td>
</tr>
<tr>
<td></td>
<td></td>
<td>5 LS 200</td>
<td>2000 - 53/16</td>
<td>2207</td>
<td>55</td>
<td>0.68</td>
</tr>
<tr>
<td>672mm</td>
<td>261/2 in</td>
<td>5 LS 050</td>
<td>600 - 23/16</td>
<td>930</td>
<td>25</td>
<td>0.32</td>
</tr>
<tr>
<td></td>
<td></td>
<td>5 LS 100</td>
<td>1000 - 33/16</td>
<td>1207</td>
<td>33</td>
<td>0.43</td>
</tr>
<tr>
<td></td>
<td></td>
<td>5 LS 150</td>
<td>1500 - 41/16</td>
<td>1750</td>
<td>42</td>
<td>0.53</td>
</tr>
<tr>
<td></td>
<td></td>
<td>5 LS 200</td>
<td>2000 - 53/16</td>
<td>2209</td>
<td>50</td>
<td>0.64</td>
</tr>
<tr>
<td>872mm</td>
<td>341/2 in</td>
<td>5 LS 050</td>
<td>600 - 23/16</td>
<td>915</td>
<td>22</td>
<td>0.30</td>
</tr>
<tr>
<td></td>
<td></td>
<td>5 LS 100</td>
<td>1000 - 33/16</td>
<td>1205</td>
<td>30</td>
<td>0.41</td>
</tr>
<tr>
<td></td>
<td></td>
<td>5 LS 150</td>
<td>1500 - 41/16</td>
<td>1755</td>
<td>39</td>
<td>0.50</td>
</tr>
<tr>
<td></td>
<td></td>
<td>5 LS 200</td>
<td>2000 - 53/16</td>
<td>2209</td>
<td>50</td>
<td>0.64</td>
</tr>
</tbody>
</table>

*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

SEWA

NERO
Specialty Radiators

Stainless Steel

Ramsey

Gemini

Norte

Aries

Designer Column Table

Designer Column Bench
Colors

Let your imagination run WILD

**Standard Colors.**

- Beige RAL 1001
- Golden RAL 1014
- Pearly White RAL 1013
- Ivory Light RAL 1015
- Traffic Yellow RAL 1023
- Pastel Yellow RAL 1034
- Blazing Red RAL 3000
- Raspberry RAL 3827
- Mauve RAL 4007
- Ultramarine RAL 5002
- Pearl Night Blue
- Grey Aluminium
- Beige Red RAL 3012
- Metallic colours.

**Metallic Colors.**

- Pearl Light Grey
- White Green
- Pearl Beige RAL 1035
- Pearl Orange RAL 2013
- RAL 5003
- White Aluminium
- Stainless Steel Look

**Sanitary-ware Colors.**

- Grey Aluminium RAL 9007
- White Aluminium RAL 9006
- Stainless Steel Look VNF 7956
- Anemone VNF 1901
- Bahama Beige RAL 1902
- Banana RAL 1907
- Flannel RNF 7905
- Manhattan RNF 7902
- Chinchilla VNF 7901
- Magnolia VNF 3911
- Stella VNF 7923
- Sunset VNF 3902
- Crocus VNF 6903
- Key West VNF 3912
- Aloe VNF 3913

**Technical information subject to change.**

Additional colours are available on request!

The colours shown here are not binding. Chromatic aberrations are possible due to typographic reasons.

Technical information subject to change.
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.
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.

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 Cᵥ** factor for each style and valve setting. Use this equation to calculate flow:

\[
\text{Flow}(\text{gpm}) = Cᵥ\sqrt{dP[\text{psi}]}
\]

*Each valve body is shipped in the closed position

**Cᵥ=gm² at 1 psi differential pressure

<table>
<thead>
<tr>
<th>FULLFLOW RANGE VALVES</th>
<th>G</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
</tr>
</thead>
<tbody>
<tr>
<td>WHEELHEAD ANGLE FF16WAC</td>
<td>1/2”</td>
<td>2-1/32”</td>
<td>1-3/4”</td>
<td>2-5/32”</td>
<td>1-17/32”</td>
</tr>
<tr>
<td>LOCKSHIELD ANGLE FF16LAC</td>
<td>1/2”</td>
<td>2-1/16”</td>
<td>1-3/4”</td>
<td>2-5/32”</td>
<td>1-3/8”</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>VERTICAL ANGLE BODY</th>
<th>Size</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>LKD16AN</td>
<td>1/2”</td>
<td>1-3/4”</td>
<td>1-1/32”</td>
<td>2-1/4”</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>STRAIGHT BODY</th>
<th>Size</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>LKD16SN</td>
<td>1/2”</td>
<td>15/16”</td>
<td>2”</td>
<td>3-1/8”</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TURNS</th>
<th>25</th>
<th>50</th>
<th>75</th>
<th>100</th>
<th>125</th>
<th>150</th>
<th>175</th>
<th>200</th>
<th>225</th>
<th>250</th>
<th>275</th>
<th>300</th>
<th>325</th>
<th>350</th>
<th>400</th>
<th>425</th>
<th>450</th>
<th>475</th>
<th>500</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vertical Angle</td>
<td>0.22</td>
<td>0.36</td>
<td>0.55</td>
<td>0.80</td>
<td>0.96</td>
<td>1.10</td>
<td>1.26</td>
<td>1.51</td>
<td>1.71</td>
<td>1.88</td>
<td>2.07</td>
<td>2.29</td>
<td>2.46</td>
<td>2.62</td>
<td>2.76</td>
<td>2.97</td>
<td>3.13</td>
<td>3.31</td>
<td>3.43</td>
</tr>
<tr>
<td>Straight Body</td>
<td>0.29</td>
<td>0.35</td>
<td>0.43</td>
<td>0.51</td>
<td>0.61</td>
<td>0.71</td>
<td>0.79</td>
<td>0.87</td>
<td>0.97</td>
<td>1.06</td>
<td>1.13</td>
<td>1.20</td>
<td>1.27</td>
<td>1.32</td>
<td>1.36</td>
<td>1.40</td>
<td>1.43</td>
<td>1.45</td>
<td>1.47</td>
</tr>
</tbody>
</table>
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.

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.

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

24V Thermo-Electric Valve

<table>
<thead>
<tr>
<th>Time (sec)</th>
<th>Flowrate (gpm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>50</td>
<td>0.5</td>
</tr>
<tr>
<td>100</td>
<td>1.0</td>
</tr>
<tr>
<td>150</td>
<td>1.5</td>
</tr>
<tr>
<td>200</td>
<td>2.0</td>
</tr>
</tbody>
</table>

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.
Radiators • Fan Convectors • Towel Warmers • Pex

Myson Comfort for all of your heating needs.

MysonComfort.com