

High quality Italian design \& manufacture Steel; $20 \mathrm{~mm} \times 25 \mathrm{~mm}$ tubes with 30 mm colle ctors

White RAL 9016 as standard, 188 RAL colours plus 30 Special Finis
Please call $\mathbf{0 1 3 4 2} \mathbf{3 0 2 2 5 0}$ for a RAL or Special Finish chart Colour Co-ordination Service available on stock sizes see pages $6-7$ for full details.

| Stock White RAL 9016: 48-72 Hours Made to Order sizes \& colours: Up to |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Stock options White RAL 9016 - Sin |  |  |  |  |
| $\begin{aligned} & \text { Height } \\ & (\mathrm{mgm)} \end{aligned}$ | $\underset{(\mathrm{width}}{(\mathrm{m})}$ | Model | $\underset{\substack{\text { Watts } \\ \Delta+50^{\circ} \mathrm{C}}}{\substack{\text { Btu's } \\ \Delta 0^{\circ}}}$ |  |
| 520 | 1200 | SAXSH52213 | 799 | 2726 |
|  | 900 | SAXSH609015 | 686 |  |
|  | 1200 | SAXSH601215 | 915 |  |


|  | Width (mm) | Model |  |  |
| :---: | :---: | :---: | :---: | :---: |
| 400 | 900 | SAXSH409010 | 465 | 587 |
|  | 1200 | SAXSH401210 | 621 | 219 |
|  | 1500 | SAXSH401510 | 776 | 2648 |
|  | 1800 | SAXSH401810 | 931 | 3177 |
| 520 | 900 | SAXSH529013 | 599 | 2044 |
|  | 1500 | SAXSH521513 | 999 | 3409 |
|  | 1800 | SAXSH521813 | 1199 | 4091 |
| 600 | 1500 | SAXSH601515 | 114 | 393 |
|  | 1800 | SAXSH601815 | 1373 | 4685 |



## Stock options White RAL 9016 - Double Horizontal

| Height |  | Model | $\underset{\Delta+50^{\circ} \mathrm{C}}{\mathrm{w}_{\Delta+50^{\circ} \mathrm{C}}^{\text {Brto }} .}$ |  |
| :---: | :---: | :---: | :---: | :---: |
| 520 | 1200 | SAXDH52213 | 1272 | 4340 |
| 600 | 900 | SAXDH609015 | 1066 | 3637 |
|  | 1200 | SAXDH601215 | 1422 | 4852 |


| $\begin{gathered} \text { Height } \\ (m) \end{gathered}$ | $\begin{aligned} & \text { Width } \\ & \text { (mm) } \end{aligned}$ | Model |  |  |
| :---: | :---: | :---: | :---: | :---: |
| 400 | 900 | SAXDH409010 | 777 | 2651 |
|  | 1200 | SAXDH401210 | 1036 | 3535 |
|  | 1500 | SAXDH401510 | 1295 | 449 |
|  | 1800 | SAXDH401810 | 1554 | 5302 |
| 520 | 900 | SAXDH529013 | 954 | 3255 |
|  | 1500 | SAXDH52513 | 1591 | 5428 |
|  | 1800 | SAXDH5281313 | 909 | 6514 |
| 600 | 1500 | SAXDH601515 | 1777 | 6063 |
|  | 1800 | SAXDH601815 | 2133 | 7278 |


| Pipe centres <br> left to right | Pipe e entres <br> from wall | Depth <br> from wall |
| :---: | :---: | :---: |
| widh -30 mm | $76 \mathrm{~mm}+82 \mathrm{~mm}$ | 116 mm to 122 mm |



- Sax is an IRSAP Group registered design

Sax ${ }^{\circledR}$ vertical shown on pages 52-53
High quality Italian design \& manufacture.
Steel; $20 \mathrm{~mm} \times 25 \mathrm{~mm}$ tubes with 30 mm collector
UKCA approved \& certified to BS EN442
White RAL 9016 as standard, 188 RAL colours plus 30 Special Finishes
Please call 01342302250 for a RAL or Special Finish chart
Colour Co-ordination Service available on stock sizes see pages $6-7$ for full details.
Stock White RAL 9016: 48-72 Hours
Made to Order sizes \& colours: Up to 5 weeks

Stock options White RAL 9016 - Single Vertical


| 1800 | 400 | SAXSVII44010 | 861 | 2938 |
| :--- | :--- | :--- | :--- | :--- |
|  | 520 | SAXSVIB5213 | 119 | 3818 |

Made to order options - Single Vertical

| $\underset{\substack{\text { Height } \\(\mathrm{mm})}}{\substack{\text { He}}}$ | $\underset{\substack{\text { Width } \\(m)}}{ }$ | Model |  | Btu's $\Delta+50^{\circ}$ |
| :---: | :---: | :---: | :---: | :---: |
|  | 280 | SAXSV122807 | 41 | 1402 |
|  | 400 | XSV12 | 588 | 2006 |
|  | 520 | SAXSV125213 | 764 | 2607 |
|  | 600 | AxSVV12601 | 882 | 3009 |
|  | 280 | SAXSV152807 | 506 | 1726 |
|  | 400 | KSV154 | 723 | 2467 |
|  | 520 | SVV55 | 940 | 3207 |
|  | 600 | SAXSV156015 | 1085 | 3702 |
|  | 280 | SAXSV1182807 | 603 | 2057 |
|  | 600 | SAXSV186015 | 1292 | 4408 |
|  | 280 | V8023 | 669 |  |
|  | 400 | SAXSV204010 | 955 | 3258 |
| 2000 | 520 | saxSV205213 | 1242 |  |
|  |  |  |  |  |


| Single <br> 95 | Pipe centres left to right | Pipe centres from wall | $\begin{gathered} \text { Depth } \\ \text { from wall } \end{gathered}$ |
| :---: | :---: | :---: | :---: |
|  | width + valves | 55 mm | 95 |



Stock options White RAL 9016 - Double Vertical

| $\left.\begin{array}{c} \mathrm{Height} \\ (m) \end{array}\right)$ | $\underset{(\mathrm{m} \text { Widt }}{ }$ | Model | $\underset{\Delta t 50^{\circ} \mathrm{c}}{\text { Watt }} \underset{\Delta+55^{\circ} \mathrm{c}}{\text { Btu's }}$ |  |
| :---: | :---: | :---: | :---: | :---: |
| 1800 | 400 | SAXDVII | 1356 | 4627 |
|  | 520 | SAXDV185213 | 1762 | 6012 |

Made to order options - Double Vertical

| $\underset{(\mathrm{mm})}{\text { Height }} \underset{(\mathrm{mm})}{\text { Width }}$ |  | Model |  |  |
| :---: | :---: | :---: | :---: | :---: |
| 1200 | 280 | SAXOVV12 | 668 | 2279 |
|  | 400 | SAXDV124 | 954 | 3255 |
|  | 520 | SAXDV125213 | 1240 | ${ }^{4231}$ |
|  | 600 | VV126 | 1431 | 4883 |
| 1500 | 280 | SAXDVI52807 | 811 | 2767 |
|  | 400 | sax | 1159 | 3955 |
|  | 520 | SAXDVI5 | 150 |  |
|  |  |  |  |  |



| $\begin{gathered} \text { Height }) \\ (m \mathrm{mmh} \end{gathered}$ | $\underset{\substack{\text { Width }}}{\substack{\text { imp }}}$ | Model | $\begin{aligned} & \text { Watts } \\ & \Delta t 50^{\circ} \end{aligned}$ |  |
| :---: | :---: | :---: | :---: | :---: |
| 1800 | 280 | SAXDV182807 | 949 | 3238 |
|  | 600 | SAXDV186015 | 2033 | 6937 |
| 2000 | 280 | SAXOV2028 | 1038 | 3542 |
|  | 400 | SaxDV2040 | 1483 | 5060 |
|  | 520 | SAXDV205213 | 1927 | 6575 |
|  | 600 | SAXDV206 |  |  |

# Rectangular Tube Horizontal Fitting Instructions 

Steel Designer Radiator<br>20mm x 25mm Rectangular Tubes 30 mm Collectors



Please read these instructions and terms and conditions carefully prior to installation. Failure to do so may invalidate the warranty.

## Drawings

Fig 1

## Single Horizontal



Double Horizontal


Fig 2
Single Horizontal


## Double Horizontal



Fig 3
Single Horizontal Double Horizontal


## Pipe Centres

Pipe centres left to right
Pipe centres from wall

Single
width minus 30 mm
55 mm
95 mm

Double
width minus 30 mm
76 mm - 82 mm
$116 \mathrm{~mm}-122 \mathrm{~mm}$

## 1. Unpack \& Inspect

This product should have reached you in perfect condition. Please carefully unpack and inspect this radiator and all fittings. Your point of purchase must be notified of any shortages or damage within 28 days of delivery. For further information please see terms and conditions overleaf.

## 2. Contents

You should have:

- 1 Radiator
- 4 Wall Brackets
- 4 Wall Plugs
- 4 Screws
- 4 Wall Sleeves
- 4 Wall Plates (double models)
- 1 Airvent
- 1 Blanking Plug


## 3. Mark Bracket Positions

## Single Horizontal

1. Mark bracket positions as per Fig. 2, measure the width $(X)$ of the radiator less 30 mm and the height $(Y)$ of the radiator less 160 mm to find your four fixing positions for the Wall sleeves.
2. The Wall Sleeve ( $\mathbf{A}$ in Fig. 1) screws into the wall in the positions as described above.
3. See Fig 1 - join together B, C, D.Fix to radiator between the 2nd and 3 rd element from top and bottom and 100 mm from either side, ensuring part "B" has the fastening screw on top.
4. Raise radiator and hook onto Wall plate "A" and fasten bracket to plate with screw (Fig. 3).

## Double Horizontal

1. Mark bracket positions as per Fig. 3, each wall plate ( $\mathbf{A}$ in Fig. 1) has two fixing positions, measure 75 mm in from the side of the radiator for the first position and 130 mm in for the 2 nd . Then measure the height ( Y ) of the radiator less 160 mm to get the top and bottom measurements.
2. The Wall Plate ( $\mathbf{A}$ in Fig. 1) screws into the wall in the positions as described above.

## 3. Mark Bracket Positions

## Double Horizontal continued

4. See Fig 1 - join together $\mathbf{B}, \mathbf{C}, \mathbf{D}$ ensuring the $\mathbf{B}$ has the fastening screw on top, hook the brackets over the plates.
5. Raise radiator and slot into Wall plate "A" and fasten bracket to plate with screw (Fig. 3).

## 4. Fix Brackets

Using a suitable drill bit, screws and plugs, fix the brackets and level with a spirit level.

## PLEASE NOTE:

It is essential that all brackets are level and square prior to hanging the radiator to ensure a vertical alignment for connecting the pipework.

## 5. Hang \& Commission

With the brackets sleeves firmly fixed and level, the radiator can be hung in position by inserting the brackets into the sleeves and securing with the grub scews provided.
When commissioning your radiator on an indirect/closed system we recommend using a suitable mixed metal inhibitor to protect against scale \& corrosion.

Damage caused to systems not protected by a suitable inhibitor will not be covered by manufacturer's guarantee.

## Technical Specifications

Materials<br>Connections<br>Test pressure<br>Maximum operating pressure<br>Maximum working temperature<br>Packaging<br>\section*{Guarantees \& Liabilities}

Steel.
$1 / 2^{\prime \prime}$ flow and return.
6 Bar
4 Bar
$95^{\circ} \mathrm{C}$
Wrapped in polyethlyene \& boxed.

This product is guaranteed for 10 years. The guarantees in all cases are subject to the products being installed in accordance with British and or European standards as well as these fitting instructions. The guarantees in all cases are restricted to the free of charge replacement or repair of the failed product only. Our liability will under no circumstances extend beyond the repair or replacement of the product supplied by us. Claims for either labour in replacement or damage to property are not admissible. Any goods that are returned, in the event of a problem, will belong to us.

## Terms \& Conditions

All products must be inspected once removed from the packaging and your point of purchase notified within 28 days of delivery of any scratches, blemishes or other damage. Your point of purchase will then agree appropriate action.
Imperfect radiators should therefore not be fitted and your point of purchase will not accept responsibility for replacement of scratched or damaged radiators once they have been fitted. This includes any consequential loss or cost of fitting.
If your point of purchase are not notified within 28 days of the date on the signed delivery note then it will be deemed that they have fully complied with their obligations and claims will not be considered.

Failure to comply with any of the above may invalidate any claims. Your point of purchase recommend that after you check the product on delivery that it is stored in its packaging to prevent damage prior to installation, they cannot accept responsibility for items damaged after delivery.

# Rectangular Tube Vertical Fitting Instructions 

## Steel Designer Radiator <br> $20 \mathrm{~mm} \times 25 \mathrm{~mm}$ Rectangular Tubes <br> 30 mm Collectors

Please read these instructions and terms and conditions carefully prior to installation. Failure to do so may invalidate the warranty.

## Drawings

Fig 1
Single Vertical

Fig 3
Double Vertical



Double Vertical

Fig 2


Fig 3
Single Vertical


Fig 4
Single Vertical


Double Vertical



## Pipe Centres

|  | Single | Double |  |
| :--- | :--- | :--- | :--- |
| Pipe centres left to right | $=$ | width plus valves | width plus valves |
| Pipe centres from wall | $=$ | 55 mm | $76 \mathrm{~mm}-82 \mathrm{~mm}$ |
| Depth from wall | $=$ | 95 mm | $116 \mathrm{~mm}-122 \mathrm{~mm}$ |

## 1. Unpack \& Inspect

This product should have reached you in perfect condition. Please carefully unpack and inspect this radiator and all fittings. Your point of purchase must be notified of any shortages or damage within 28 days of delivery. For further information please see terms and conditions overleaf.

## 2. Contents

You should have:

- 1 Radiator
- 4 Wall Brackets
- 4 Wall Plugs
- 4 Screws
- 4 Wall Sleeves
- 4 Wall Plates (double models)
- 1 Airvent
- 1 Blanking Plug
- 1 Diverter


## 3. Mark Bracket Positions

## Single Vertical

1. Mark bracket positions as per Fig. 3, measure the width $(X)$ of the radiator less 160 mm and the height $(Y)$ of the radiator less 30 mm to find your four fixing positions for the Wall sleeves.
2. The Wall Sleeve ( $\mathbf{A}$ in fig. 1) screws into the wall in the positions as described above.
3. Ensure diverter is in the correct position
4. Attach clamps B \& C to collector between the 2nd and 3rd element, top and bottom, from either side, do not overtighten (Fig. 1) this, to allow slight adjustment for inserting into wall sleeves.
5. Raise radiator and slot into Wall sleeves " $\mathbf{A}$ " and tighten (Fig. 4).

## Double Vertical

1. Mark bracket positions as per Fig. 3, each wall plate (A in Fig. 1) has two fixing positions, measure 55 mm in from the side of the radiator for the first position \& 110 mm in for the 2 nd . Then measure the height $(\mathrm{Y}$ ) of the radiator less 200 mm to get the top and bottom measurements.
2. The Wall Plate ( $\mathbf{A}$ in Fig. 1) screws into the wall in the positions as described above.
3. Ensure diverter is in the correct position

## Double Vertical contined

4. See Fig 1 - join together B, C, D. Fix to radiator between the 2 nd and 3rd element either side and 100 mm from top and bottom, ensuring part "B" has the fastening screw on top.
5. Raise radiator and hook onto Wall plate " $\mathbf{A}$ " and fasten bracket to plate with screw (Fig. 4).

## 4. Fix Brackets

Using a suitable drill bit, screws and plugs, fix the brackets and level with a spirit level.

PLEASE NOTE: It is essential that all brackets are level and square prior to hanging the radiator to ensure a vertical alignment for connecting the pipework.

## 5. Identify Diverter

Factory fitted steel diverters are used in all vertical models and can be identified by a sticker found on the underside of one collector. The radiator must be hung with the diverter at the bottom. If this sticker is missing simply look into both collectors, one will have a clear water way and one will have a deliberate blockage, this deliberate blockage is the diverter. Please note the diverter can not be removed.

## 6. Hang \& Commission

With the brackets sleeves firmly fixed and level, the radiator can be hung in position by inserting the brackets into the sleeves and securing with the grub scews provided.
When commissioning your radiator on an indirect/closed system we recommend using a suitable mixed metal inhibitor to protect against scale \& corrosion.
Damage caused to systems not protected by a suitable inhibitor
will not be covered by manufacturer's guarantee.

## Technical Specifications

Materials<br>Connections<br>Test pressure<br>Maximum operating pressure<br>Maximum working temperature<br>$95^{\circ} \mathrm{C}$<br>Packaging<br>Wrapped in polyethlyene \& boxed.

## Guarantees \& Liabilities

This product is guaranteed for 10 years. The guarantees in all cases are subject to the products being installed in accordance with British and or European standards as well as these fitting instructions. The guarantees in all cases are restricted to the free of charge replacement or repair of the failed product only. Our liability will under no circumstances extend beyond the repair or replacement of the product supplied by us. Claims for either labour in replacement or damage to property are not admissible. Any goods that are returned, in the event of a problem, will belong to us.

## Terms \& Conditions

All products must be inspected once removed from the packaging and your point of purchase notified within 28 days of delivery of any scratches, blemishes or other damage. Your point of purchase will then agree appropriate action.

Imperfect radiators should therefore not be fitted and your point of purchase will not accept responsibility for replacement of scratched or damaged radiators once they have been fitted. This includes any consequential loss or cost of fitting.

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