Technical Bulletin. AMBIRAD

VISION VS LINEAR RANGE.
REFLECTOR ASSEMBLY UPDATE
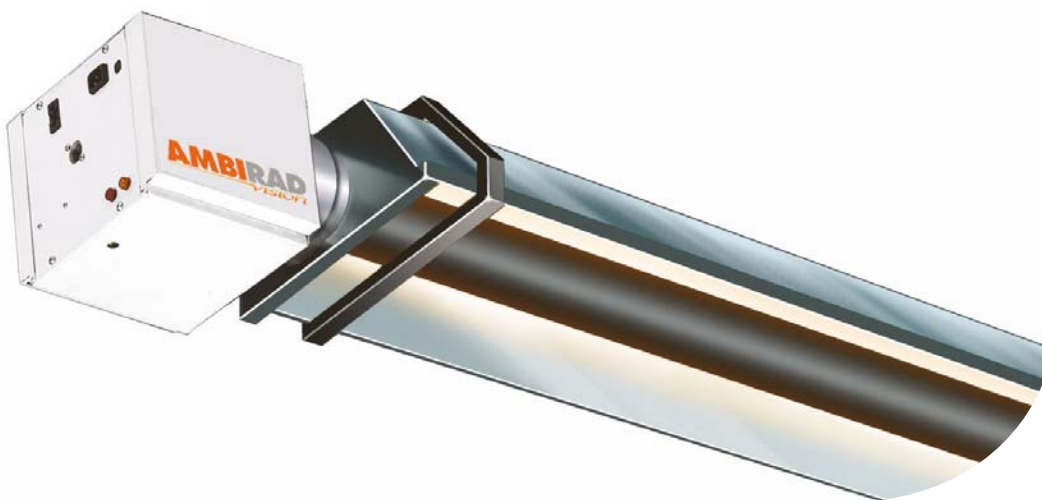
INDEX   **Section**

1. General information.

To further improve the working operation and ease of assembly of the Vision VS linear heaters, the method for clamping the first bracket and reflector overlap arrangement have been revised.

The VS linear range includes all length variants of VSLI (linear induced), VSLF (linear forced), VSLH (linear Herringbone) and VSDL (double linear).

This bulletin describes the new procedure to achieve this.

For full details and revised assembly methods, please refer to the current O&M manual GB/VS/118/0509 or visit our database on www.s-i-d.co.uk.

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2. Instructions.

ALTERATIONS TO ASSEMBLY DRAWINGS.

First Bracket (closest to burner)

All heaters now have TYPE 'A' brackets (tabbed) as the first bracket. This bracket fixes the reflector at a pre-determined position from the tube end (190mm for 15 to 30kW, and 160mm for 35 to 50kW).
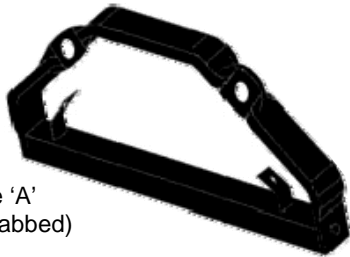
fig.1 Type 'A' bracket (tabbed)

The U bolt clamping arrangement on this bracket is now *fixed* onto the tube and tightened via one pair of M6 nuts and washers rather than loose clamps which allowed the bracket to 'float' along the tube.
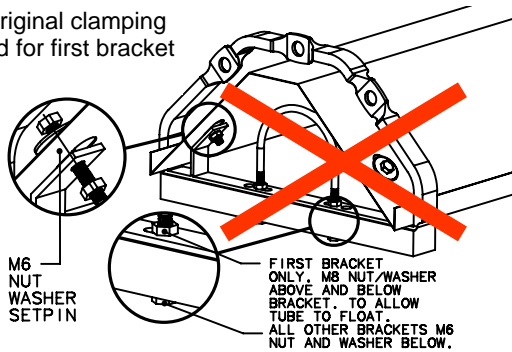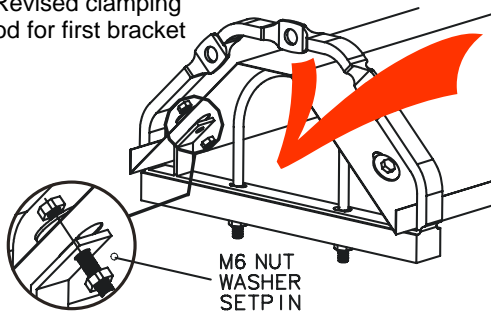
fig.2 Original clamping method for first bracket

M6 NUT WASHER SETPIN

FIRST BRACKET ONLY. M8 NUT/WASHER ABOVE AND BELOW BRACKET. TO ALLOW TUBE TO FLOAT. ALL OTHER BRACKETS M6 NUT AND WASHER BELOW.

fig.3 Revised clamping method for first bracket

M6 NUT WASHER SETPIN

*typical brackets

Reflectors

All heaters now have the first reflector *fixed* to the first bracket closest to the burner.

All reflectors must overlap each subsequent one along the whole length on the radiant tube.
i.e.
FIRST REFLECTOR OVERLAPS SECOND REFLECTOR. SECOND REFLECTOR OVERLAPS THIRD. THIRD REFLECTOR OVERLAPS FOURTH AND SO ON DOWN THE LENGTH OF THE TUBE.

REFLECTOR

REFLECTOR

REFLECTOR

O/LAP

O/LAP

35

TYPE A   TYPE B   TYPE A
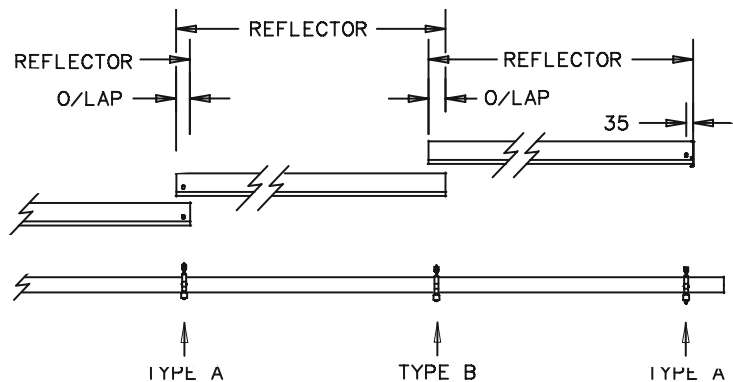
These alterations have been covered in the Vision VS(VSA) O&M instructions manual from doc ref GB/VS/118/0509 onwards.

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