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GUIDE TO INSTALLATION FOR TYPES: 'AM-BOSS INFERNO-BOSS™'

Please Note:

The material used in the manufacture of this hatch is of a FRAGILE nature, it needs to be treated with utmost care, not to be dropped, forced or scratched.

CEILING CUT-OUT: 1290mm x 645mm

The 'AM-BOSS Inferno-Boss™' hatch is very heavy, mechanical lifting equipment eg. a duct lifter or block and tackle should be used. It is essential that the opening in the ceiling is made to the specified cut out size and is **square**. This hatch is not to be forced out of square or in any direction and should be level.

Installation into a suspended ceiling; this hatch is fitted with a galvanized steel support frame that needs to be installed (before installing the 'AM-BOSS Inferno-Boss™' access ladder) and needs to be supported and braced from purlins or other solid structure above. Details to manufacture the hangers and bracings for the support frame would have been provided to AM-BOSS prior to manufacture. Some installers prefer to remove the ladder assembly from the ceiling panel to lighten the unit and to give better access for fixing to the support frame. The 'AM-BOSS Inferno-Boss™' hatch should be pushed with a lifting device up from below, guided if possible by one person from above into the support frame. If the hatch is lifted manually into the ceiling, with the architrave against the ceiling or the proposed ceiling level, the hatch must be supported by props on the four corners close to but clear of the panel allowing it to be opened. After opening the panel **do not unfold the ladder at this time or put any weight on it!** The hatch should now be bolted to the support frame through predrilled holes. **The predrilled holes on either side of the metal plates must be used without exception.** Do not force the hatch sides in or out; do not over tighten the bolts. With the hatch securely fixed to the support frame, when opening or closing the ceiling panel, make sure the clearances are the same on both sides, do not force the panel shut. Panel and frame of the hatch are easily damaged. Make adjustments with the installation perhaps use spacers between frame and the support frame. Finally, adjust the access ladder to the ceiling height via the simple adjusting system near the pivot point of the spring assisted main linkage arm, see sticker for explanation. Reattach the two safety chains if ladder assembly was taken off the panel.

Installation into a timber joist ceiling; will require solid 150mm x 50mm joists. The 'AM-BOSS Inferno-Boss™' hatch should be pushed up from below guided if possible by one person from above into the opening with a lifting device. Some installers prefer to remove the ladder assembly from the ceiling panel to lighten the unit and to give better access for fixing to the joists. If the hatch is lifted manually into the ceiling, with the architrave against the ceiling or the proposed ceiling level, the hatch must be supported by props on the four corners close to but clear of the panel allowing it to be opened. **Do not unfold the ladder at this time or put any weight on it!** The hatch (comes with pre-drilled holes) should now be bolted with 120mm x 8mm hex bolts, nuts and washers, three (3) in each long side and two (2) in head board. Drill holes 8mm through the joist's square, do not force the hatch sides in or out, do not over tighten the bolts. With the hatch securely fixed to the joists when opening or closing the ceiling panel, make sure the clearances are the same on both sides, do not force the panel shut. Panel and frame of the hatch are easily damaged. Make adjustments with the installation perhaps use spacers between frame and joist. Finally, adjust the access ladder to the ceiling height via the simple adjusting system near the pivot point of the spring assisted main linkage arm, see sticker for explanation. You must re attach the two safety chains if the ladder assembly was taken off the panel.

The bottom edge of the hatch where it meets the ceiling is to be sealed with an approved fire stop or similar product to the satisfaction of the Building Surveyor.

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REVISION NO.: F
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ORIGINATION DATE: 1 August 2009
REVIEW DATE: 31 October 2024

IMPORTANT NOTICE

- *The material used in the manufacture of this hatch is of a fragile nature, it **MUST** be treated with utmost care, not to be forced or scratched.*
- *The AM-BOSS 'Inferno-Boss' **MUST** be installed at the completion of construction works. It **MUST NOT** be used as a construction ladder.*
- *The intended use of this ladder is for inspection and servicing and it is not recommended to install it during the construction phase as it may get damaged.*