

INOA Do's & Don'ts

Designed to condition a room to create an ideal wine cellar environment. It will maintain a constant temperature between 10 and 14 degree C and a humidity level above 50% if installed correctly.

- Insulation must be done to a minimum U value of less than 0.35 on all surfaces (floor/wall/ceiling/door) - see insulation document.
 - Serious insulation consideration must be given to the use of glass.
 - Air outlets (hot and cold) must not be obstructed in any way (i.e: louvred grills)
 - Must have a min 200 mm clearance above the unit as servicing is carried out by taking the 'lid' off.
 - The base of the wall mounting frame must be a min 80 mm from the floor, so that the base of the unit is at least 8cm off the floor.
 - Must have min 1500mm unobstructed clearance (from wall, rack etc) opposite the air vents inside AND outside the cellar.
 - The hot air must be expelled in a bigger space than the cellar space (ideally double)
 - Powerful air extraction min. 650m³ of air per hour must be installed in the non-cellar side if there is a risk of overheating.
 - Inoa to be located as centrally as possible in the room to ensure an even airflow.
 - Ideally do not install the unit opposite the door.
 - Remote sensor to be placed away from the unit and not near the door.
 - Wine room minimum volume must be greater than 10 cubic meters for an Inoa 25
 - Wine room minimum volume must be greater than 15 cubic meters for an Inoa 50.
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- If Ducting the hot air (you can only duct the hot air)
 - Max length of pipe < 8m if 2 x 90 degree bends
 - max length of pipe < 5m if 3 x 90 degree bends
 - Min ducting diameter is 160mm if using a reducer
 - Min diameter of each hole in the wall must be 210mm
 - The distance between the centers of the 2 holes is 359mm
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- Standard INOA with the hot air outlet located opposite the cold air.
 - Optional Hot Air left or right side vent when facing the cold air is available.

