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.

- 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

- 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.