

AIR SEPARATOR

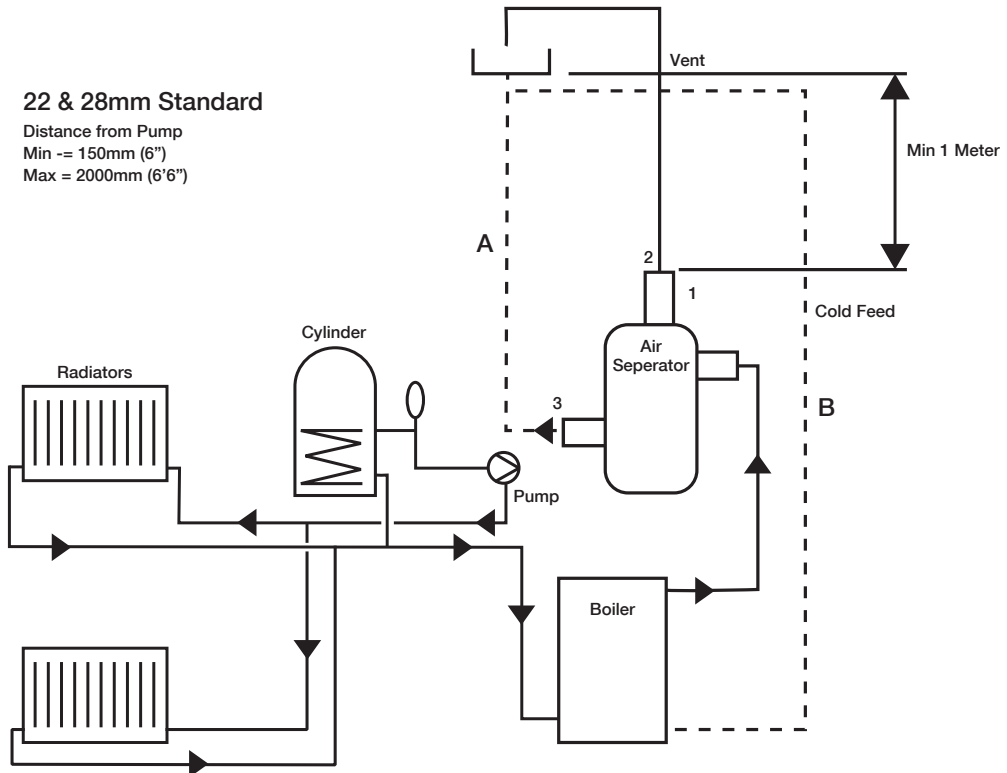
Tower Air Separator Installation Instructions - AIR22, AIR22CF & AIR28

Install the air separator between the boiler flow and pump, as shown on the diagram. Connect flow from boiler to 1. Ensure pipework between boiler and air separator rises continuously. Vent connection 2 must point vertically upwards.

- The separator should not be positioned below the level of the boiler flow outlet.
- Cold feed connections must ensure an uninterrupted supply of cold water to the heating circuit at all times.
- Cold feed method "A" has the benefit of avoiding the possibility of pump over at the open event.
- Cold feed method "B" is more likely to produce pump over. Consequently care must be taken to ensure that the feed and expansion tank is raised to a sufficient height.
- A minimum of 1 m head of water above the air separator is necessary to ensure correct operation.
- Do not use excess solder when fitting the air separator. Excess solder can be drawn into the system and cause noise.
- It is recommended that a bypass circuit is fitted to the system whenever:
 - Independent zone valves are fitted to both heating and hot water services
 - and / or when thermostatic valves are fitted to control radiators and cylinders

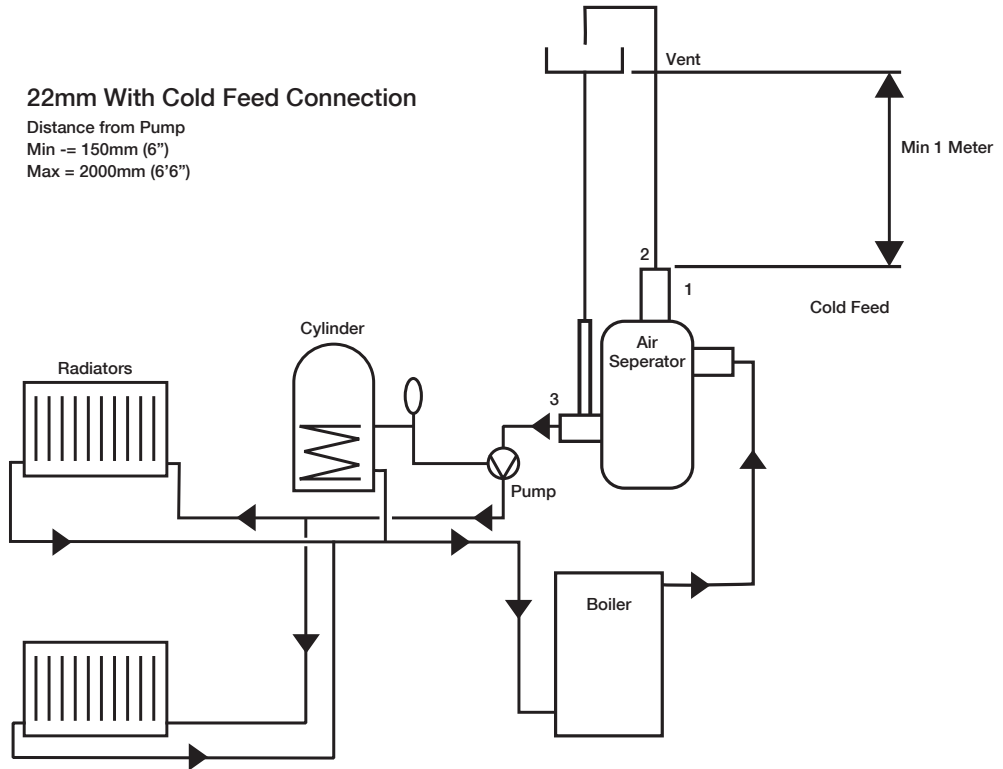
22 & 28mm Standard

Distance from Pump
Min = 150mm (6")
Max = 2000mm (6'6")



22mm With Cold Feed Connection

Distance from Pump
Min = 150mm (6")
Max = 2000mm (6'6")



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