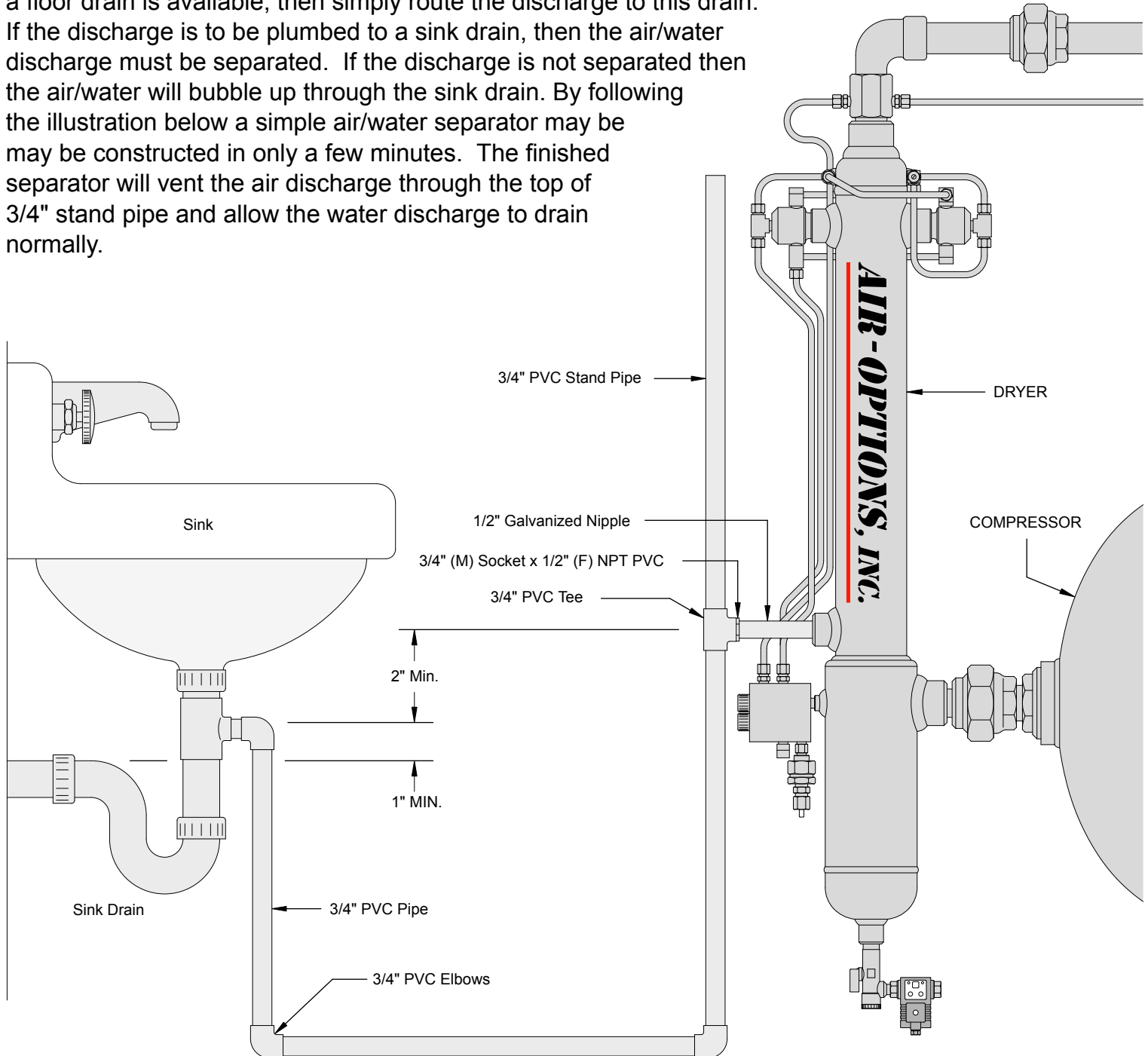


Technical Bulletin

Coolant Discharge Fluid/Air Separator

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Normally, Air-Options recommends that the coolant discharge be plumbed and vented to the outside. The discharge is made up of ordinary tap water and does not represent an environmental problem. In some cases it may not be possible or desirable to discharge the coolant through an outside wall. For these situations the discharge may be plumbed to the building drain system. If a floor drain is available, then simply route the discharge to this drain. If the discharge is to be plumbed to a sink drain, then the air/water discharge must be separated. If the discharge is not separated then the air/water will bubble up through the sink drain. By following the illustration below a simple air/water separator may be constructed in only a few minutes. The finished separator will vent the air discharge through the top of 3/4" stand pipe and allow the water discharge to drain normally.



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