

Recommended HVAC System Installation

The recommended installation draws air from a dedicated indoor air return and ducts the supply of the dehumidifier to the air supply of the existing HVAC system. Utilize the optional fresh air ventilation duct to provide outside air.

- Install a dedicated 10" air return for the Ultra Aire Dehumidifier from a central area of the structure.
- Install an insulated duct from outside to the 6" collar of the Ultra Aire Dehumidifier to provide fresh air ventilation (optional).
- Duct the supply of the Ultra Aire Dehumidifier to the supply of the existing HVAC system with a backdraft damper.
- If the existing system has multiple returns, instead of installing a dedicated return to the Ultra Aire Dehumidifier, it is possible to select one to disconnect from the existing HVAC system and use it for the dedicated Ultra Aire Dehumidifier return. Select a return from a central location in the house that is always open to the rest of the structure. DO NOT use a return from a room where doors are kept closed.
- DO NOT locate return in a bathroom or kitchen.
- Control should be located remotely from the dehumidifier and placed in a central location.

Dedicated Ultra Aire Return to HVAC Supply

