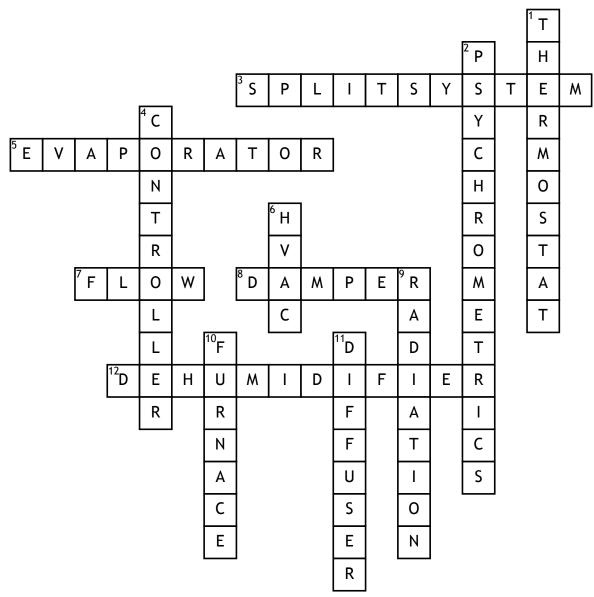
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Renew HVAC



Across

- **3.** A combination of an outdoor unit and an indoor unit. This is the most common type of system.
- **5.** A component in the basic refrigeration cycle that absorbs or adds heat to the system. It can be used to absorb heat from air or from a liquid. It is the cold side of an air conditioner or heat pump.
- **7.** A transfer of fluid volume per unit time.
- **8.** A plate or gate placed in a duct to control air flow by increasing friction in the duct.

12. Equipment that extracts and removes humidity from the air.

Down

- 1. System that monitors and regulates a heating or cooling system. It can be used to set the desired temperature at which it keeps the environment either heated or cooled.
- **2.** The study of the behavior of air-water vapor mixtures.
- **4.** A device that controls the operation of part or all of a system.
- **6.** Heating Ventilation Air Conditioning

- **9.** The transfer of heat directly from one surface to another (without heating the intermediate air acting as a transfer mechanism).
- 10. A component of an HVAC system that adds heat to air or an intermediate fluid by burning fuel (natural gas, oil, propane, butane, or other flammable substances) in a heat exchanger.
- **11.** Evenly distributes air flow in the desired directions.