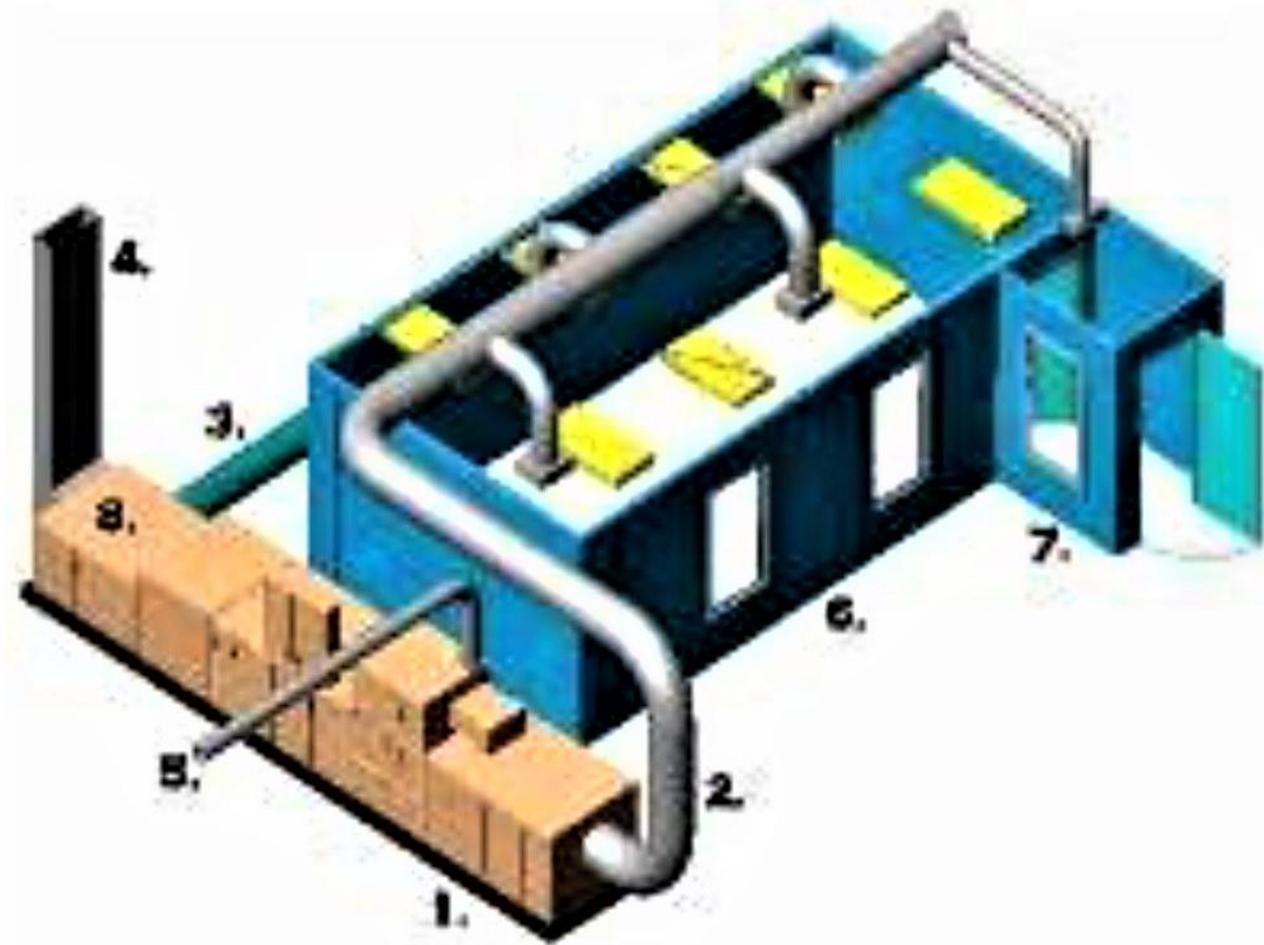


## Dry Room Design Diagram by Scientific Climate Systems



1. Custom Built IDS Desiccant Dehumidification Unit consists of: integral controls, process air humidity extraction, reactivation air system, make-up air and moisture-laden heated exhaust air.
2. Supply and Return Air Duct tightly sealed and insulated: prevents moisture migration and thermal loss
3. Make-up Air Ducts: provide fresh air to room and personnel, positive pressure, overcome owners' equipment exhaust
4. Exhaust Air Duct: removes hot moisture-laden air from desiccant dehumidification
5. Modular Wall System (available with custom colors): airtight seals, fire retardant construction, metal facing on both sides of insulation to prevent moisture migration into the dry room
6. Airlocks for personnel and equipment entry
7. Heat Rejection Unit or Condensing Unit: for removal of dehumidifier heat gain as well as owner equipment heat loss, people, lighting and make-up air heat loads.
8. Units can be installed outside of the building for efficiency.

*Contact a Terra product specialist for a free consultation: Chat, email or call at 714-578-6100*