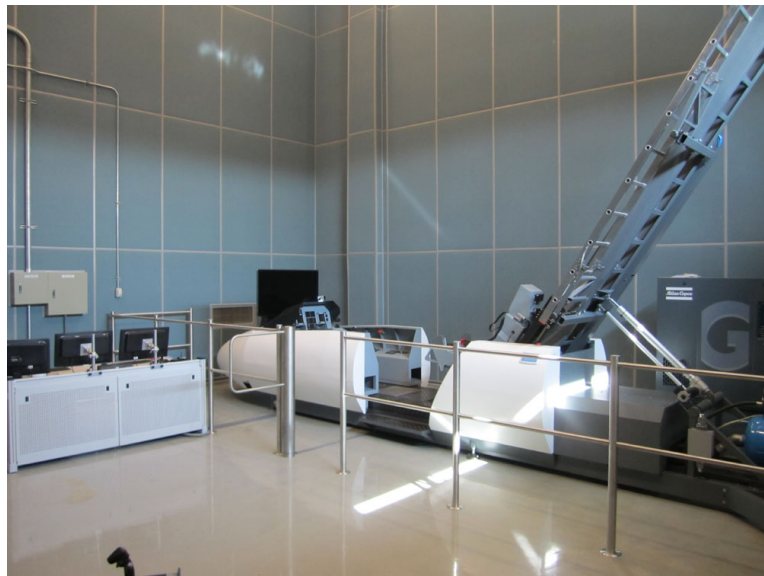


## AMBI MANAGEMENT SYSTEM

Part Number: ES-SY-12

Price: \$ 1433.41



Design and run system simulations of complete aerospace **environmental control systems** (ECS) including air cycle machines (ACM) and refrigerant vapor-compression loops. Such models can be used to study the air supply ducting, pressurization, humidity control, and thermal management of cabins. The **cooling** of other subsystems can also be modeled, such as avionics, fuel systems, gearboxes, transmissions, and more. Steady state or transient (i.e. mission/flight cycles) can be easily set up to study common loading scenarios such as take-off under arbitrary ambient conditions. Applications include the study of worst case scenarios or of common duty cycle operation to ensure comfort and safe system operation.