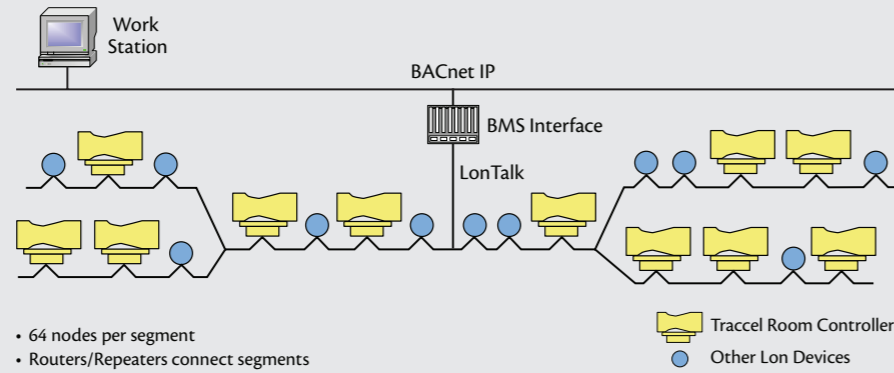


INTEGRATION SOLUTIONS

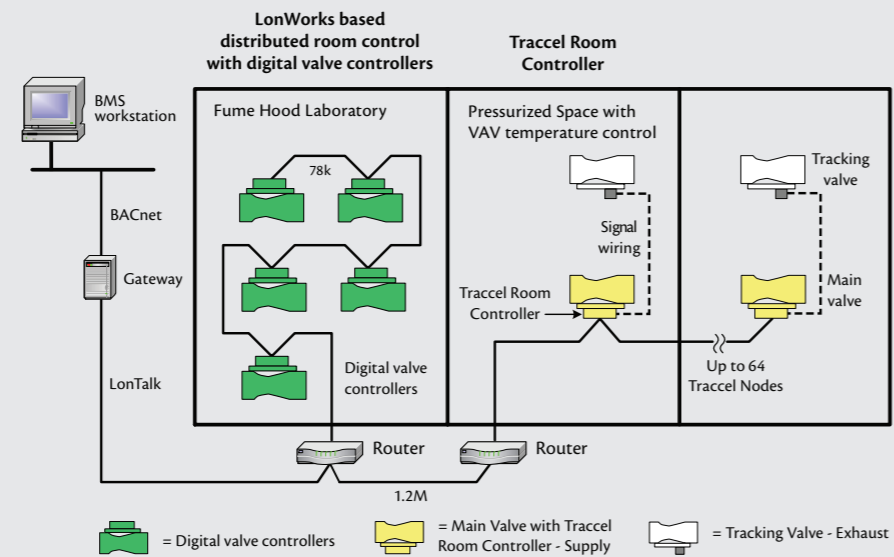
Open Lon System to BACnet

The Traccel Room Controller is a LonMark certified product that can communicate with any Building Management System with a Lon interface. In an open Lon system, interoperability is assured.



Fully Backward Compatible with Phoenix Controls' Celeris® Systems

Design with confidence in a Celeris control network because the Traccel Room Controller is fully compatible and communicates with any Building Management System (BMS) over the Celeris communications link.



Honeywell

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For additional information and a listing of our global offices, please visit our Web site at www.phoenixcontrols.com or call (800) 340-0007.

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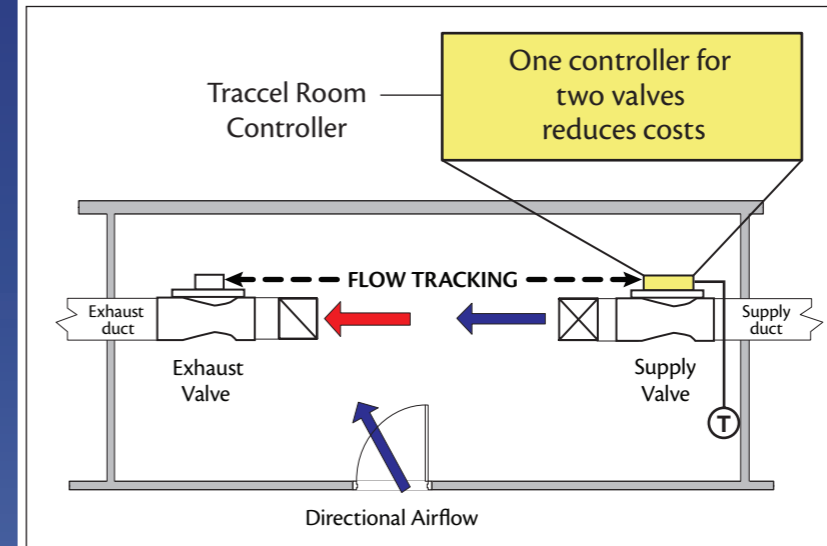
TRACCEL™
ROOM
CONTROLLER

TRACCEL™ ROOM PRESSURIZATION SOLUTIONS SAVE COSTS AND ENERGY

In applications where room pressurization and directional airflow are critical, the Phoenix Controls Accel® II venturi valves and Traccel Room Controller are an ideal solution. In these *flow-tracking* applications, a *single* controller maintains an offset between the volume of air supplied into and exhausted from a space to maintain consistent room pressurization and directional airflow.

Streamlined Control Architecture Reduces Costs

The Traccel Room Controller's on-board microprocessor controls two venturi valves with factory loaded flow data, which saves field labor and hardware costs.



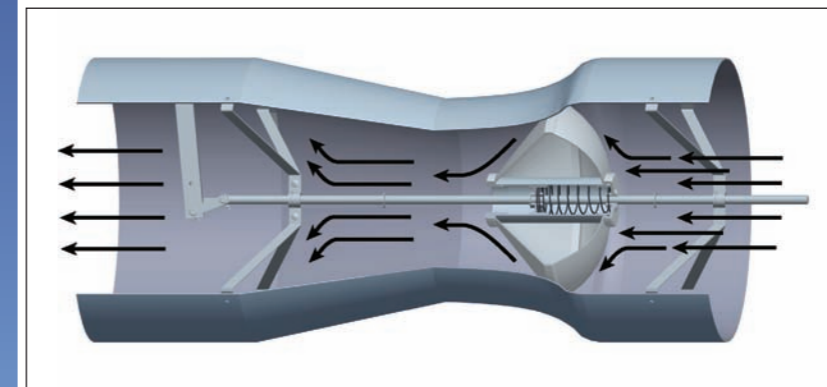
Traccel Room Controller

- Assured room pressurization
- Less field labor
- Reduced hardware costs



Accel II Valves Eliminate Maintenance and Save Energy

The valve's self-adjusting cone assembly eliminates the need for flow sensors and maintenance. Precise control at high and low flows realize significant energy savings.



Accel II Valve

- Maintenance free
- Reliable operation
- Reduce energy costs

Ensuring Environmental Integrity

Tracel Room Controller Features

Temperature Control

- Primary and secondary PID loops
- BAS or local set point input

Additional Flow Inputs

In applications where additional flows are included in the local airflow zone, the Tracel Room Controller can accept the following inputs and compensate to maintain room balance:

- 2 additional network flow inputs
- Local analog flow inputs
- Dry contact

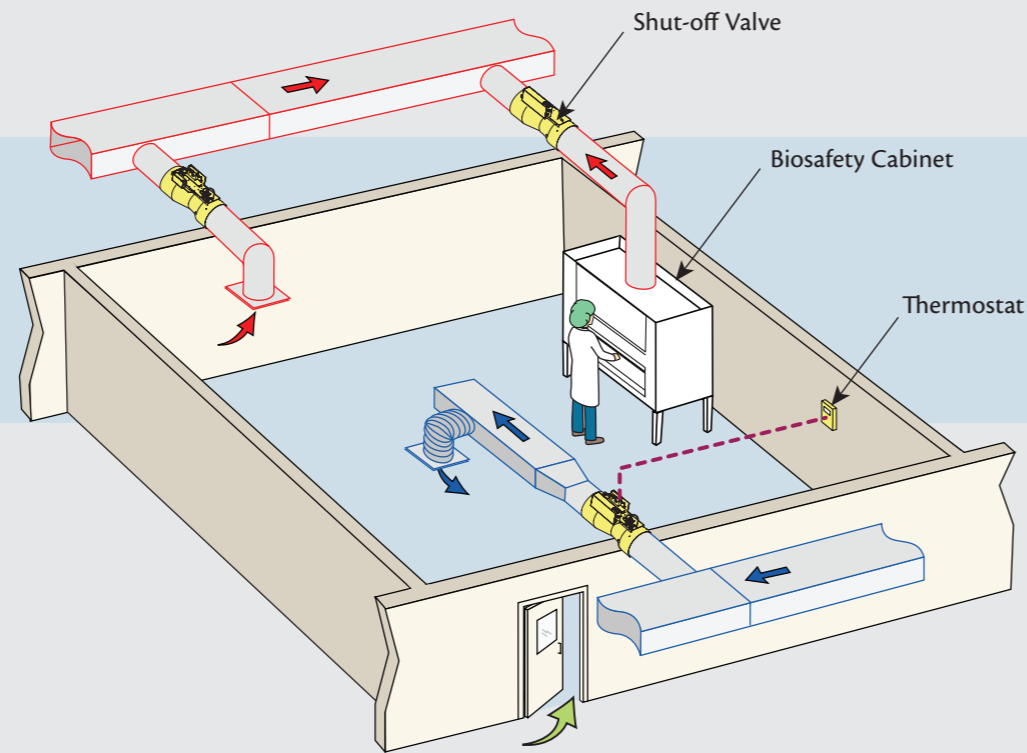
Occupancy Control

- Occupied, standby or unoccupied
- BAS or local switch/occupancy sensor

HVAC Emergency Modes

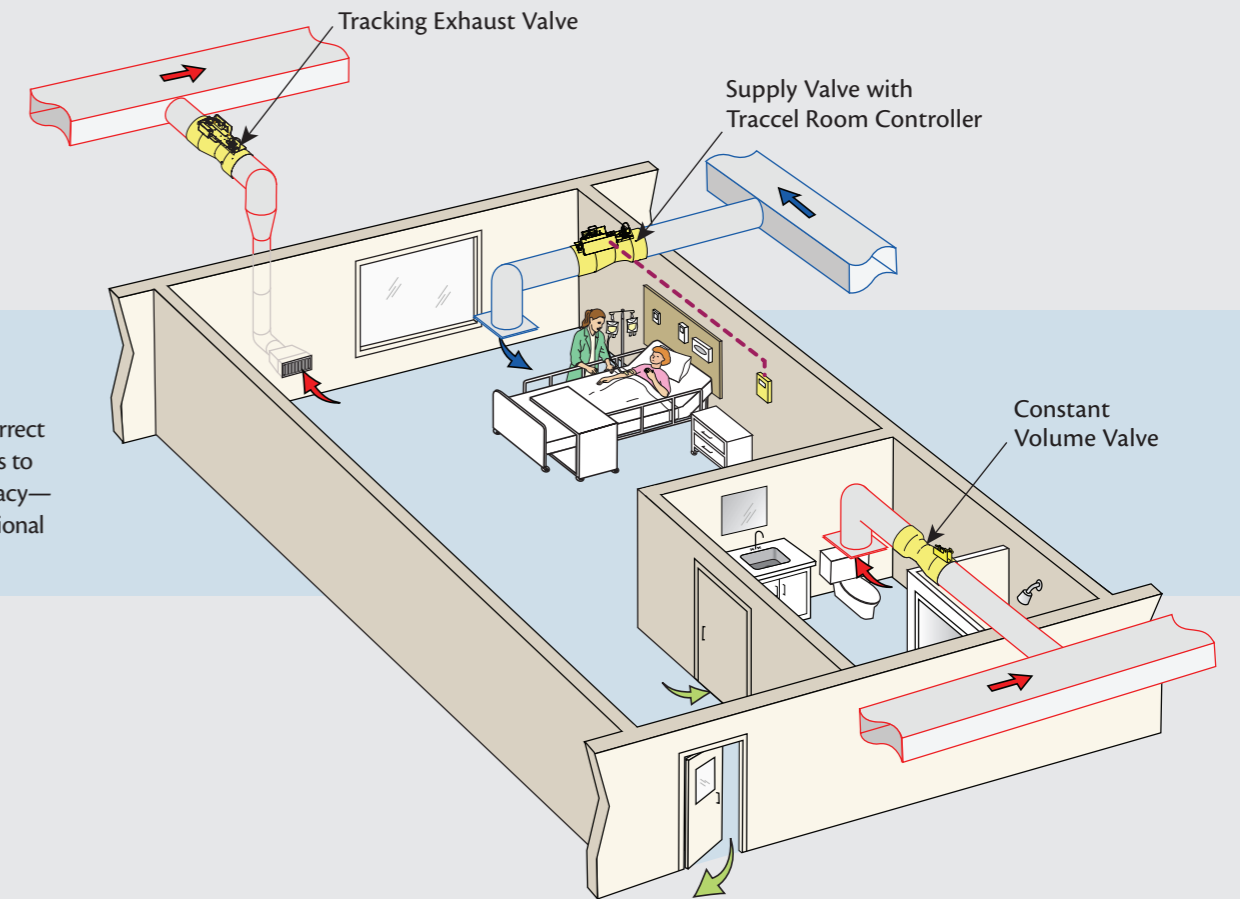
- Multiple modes available
- Custom set-up for each mode

TRACCEL ROOM CONTROLLER APPLICATION FLEXIBILITY



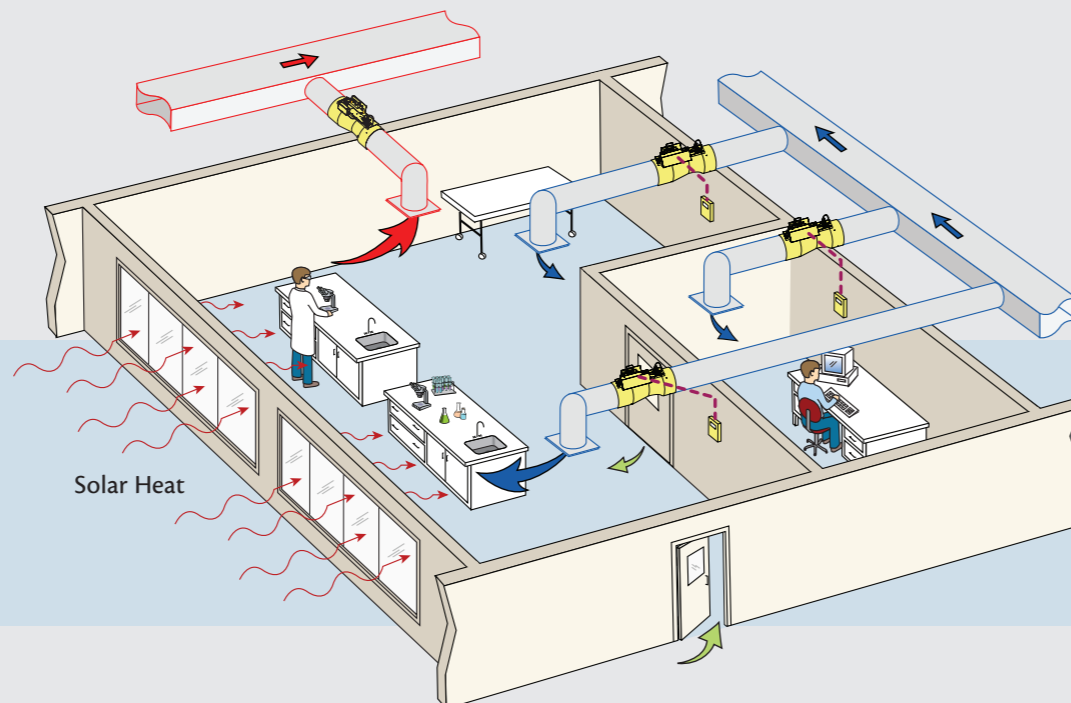
Biosafety Spaces

The typical airflow control objective in a biosafety space is inward directional airflow. In this example, a Phoenix Controls Shut-off Valve is used to isolate the biosafety cabinet's exhaust flow when the cabinet is not in use. As the Shut-off Valve closes, it communicates over the room-level control network with the Tracel Room Controller, which compensates to maintain the desired room balance and ensure the correct directional airflow.



Healthcare

In a healthcare environment, infections can spread through airborne particles. The Tracel Room Controller provides effective protection from these infections by maintaining the correct directional airflow control at all times. Also, Phoenix Controls' venturi valves are impervious to dust and lint in a hospital environment while continuing to maintain airflow control accuracy—even in the event of a power failure. As a result, the correct room pressurization and directional airflow are maintained at all times.



Multiple Temperature Zones in Combination Research and Office Spaces

Sometimes in larger spaces, temperature gradients vary. In these applications, multiple temperature zones can be used to provide local cooling where needed. In these applications, Tracel Controllers work together to sum the total supply volume for three temperature zones and modulate one exhaust valve to maintain stable room pressurization and directional airflow.

Integration

Because the Tracel Room Controller is a LonMark certified product, it has been designed to meet a standard functional profile. This means that in an open Lon system, interoperability is assured.

Interoperability

- LonMark 3.4 certified product
- Functional profile SCC-VAV (#8502)

See back page for BACnet® integration solutions.

