Hvac Systems: Expert Video Analysis [Video Resource]

THE DIRECT ANSWER

This beginner video walks through air handlers, filtration, coils, fans, chillers, and makeup-air versus recirculation layouts—the same plant hospital operators maintain. Acute-care compliance still rests on adopted ANSI/ASHRAE/ASHE Standard 170 ventilation, pressure relationships, and humidity for each space, plus CMS Conditions of Participation and The Joint Commission Accreditation 360 Physical Environment chapter (effective January 1, 2026). Use the clip for vocabulary; use your 170 inventory and TAB files for survey-ready proof.

WHY THIS MATTERS IN HEALTHCARE FACILITIES

- Hospital HVAC is patient-safety infrastructure. Supply air temperature, relative humidity, filtration, and room pressure differentials support infection control in healthcare facilities , protect sterile work in surgery and sterile processing, and keep staff in code-compliant environments.

TOPICS COVERED IN THE VIDEO

- The source video does not publish chapter timestamps; topics below follow the on-screen sequence.

FIELD QUESTION

Where does this come from?

This sheet distills the full Healthcare Facility Hub article linked below, which carries the complete text, references, and sourcing.

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Caution: codes, editions, and targets vary by facility and authority having jurisdiction (AHJ). Figures marked as common practice are facility targets, not code requirements. Confirm against your AHJ and the current code text before acting.