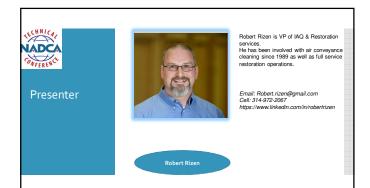
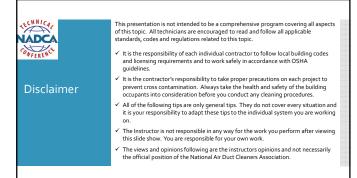
Commercial HVAC 101

Typical System Components & Cleaning Techniques

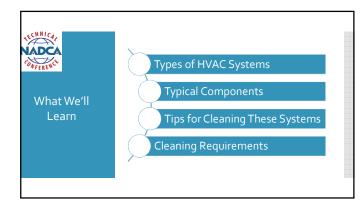


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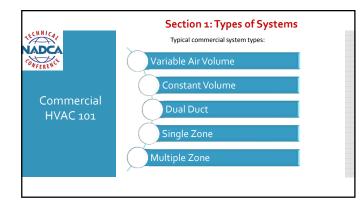


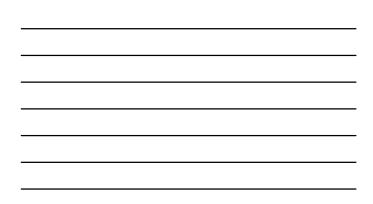


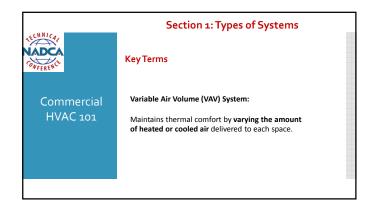


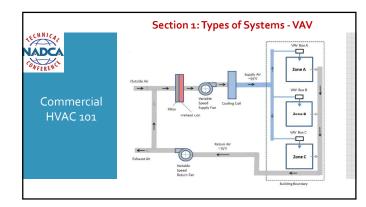






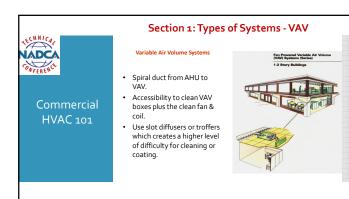


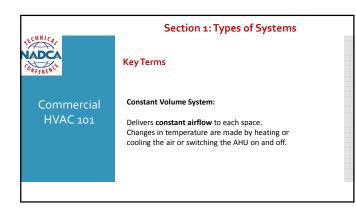


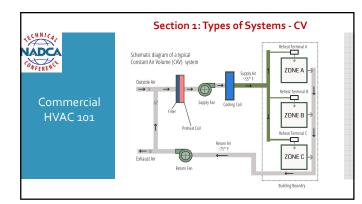


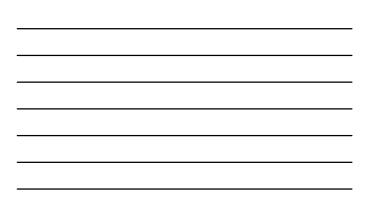


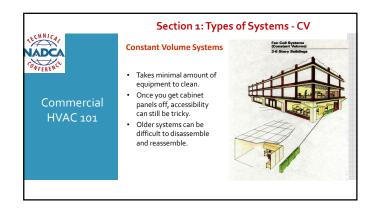


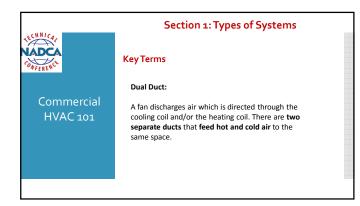


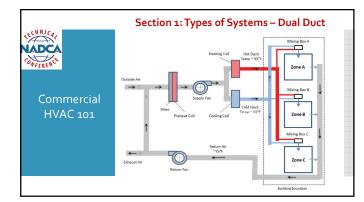


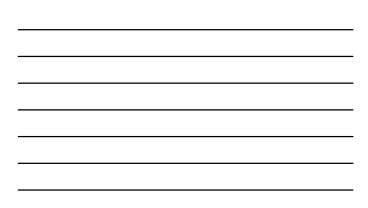






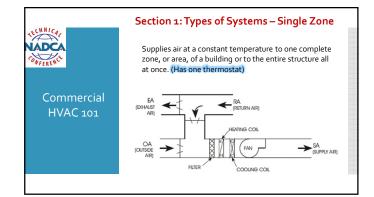


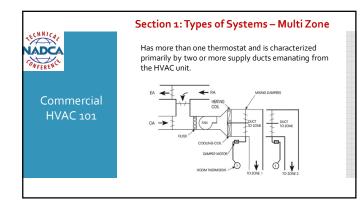


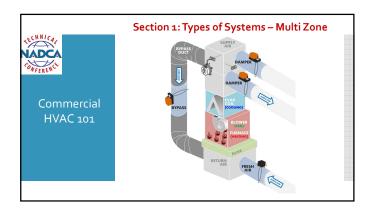




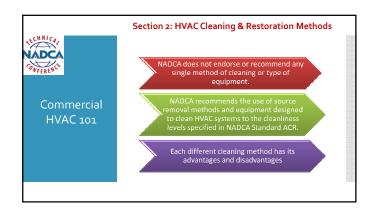
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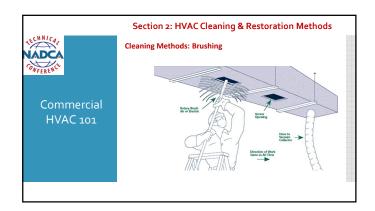


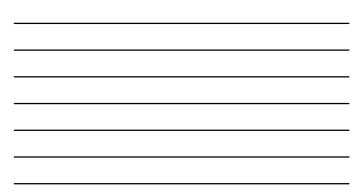


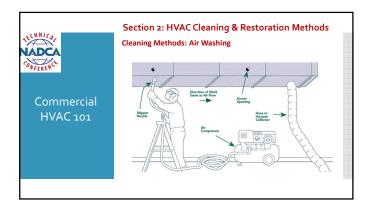




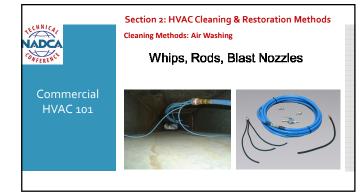
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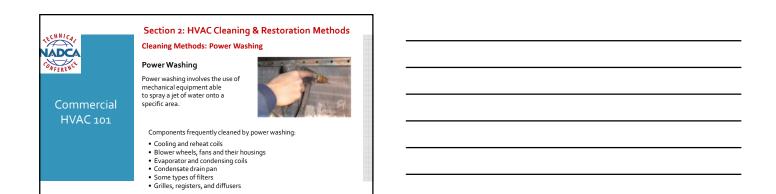




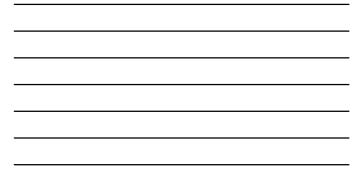






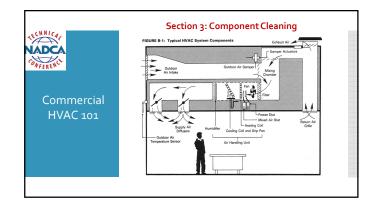


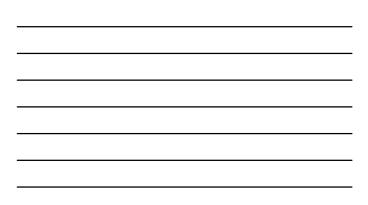














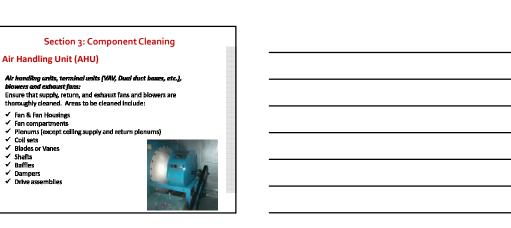
Air Handling Unit (AHU)

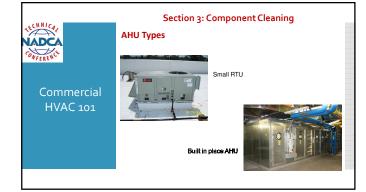
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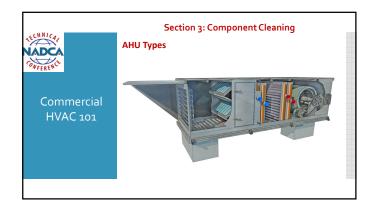
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Commercial HVAC 101





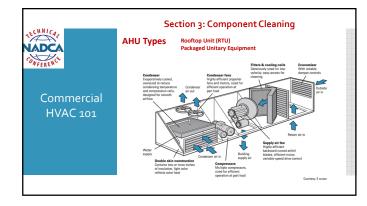
12















Fan Types Forward Curved fans transfer large volumes of air for a m

Forward Curved fans transfer large volumes of air for a minimum wheel diameter. They're used when space requirements are a primary consideration. – Blades commonly lose balance clips.

Section 3: Component Cleaning

Are by far the most common and are in most residential units

Commercial HVAC 101

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HVAC 101

Section 3: Component Cleaning Fan Types

Backward Inclined Flat fan has some of the characteristics of the airfoil fan. Has relatively high efficiency.



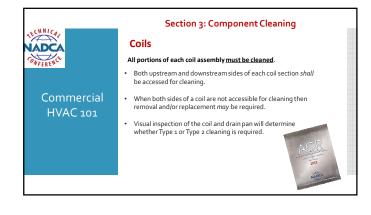
A backward inclined fan has a non-overloading characteristic.

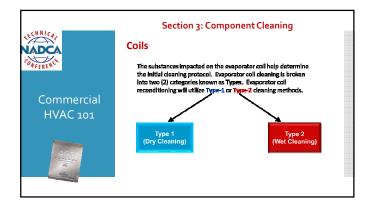
The horsepower required by the fan actually decreases when the flow rate increases past a certain point.



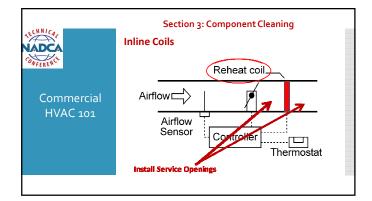


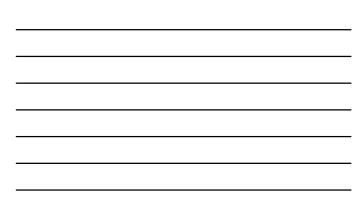














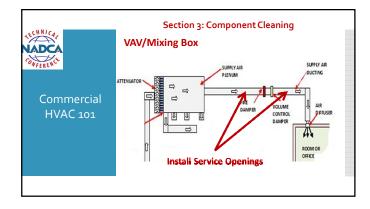


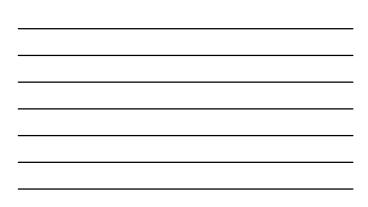




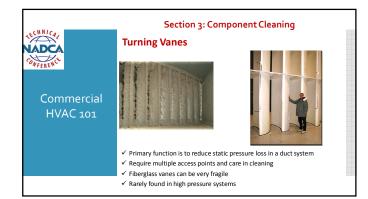


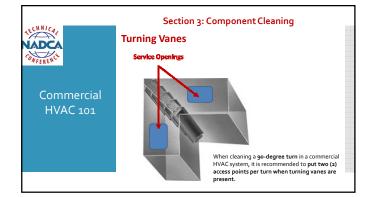








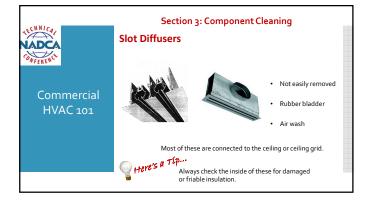


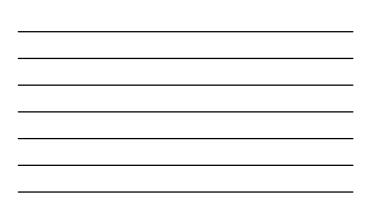




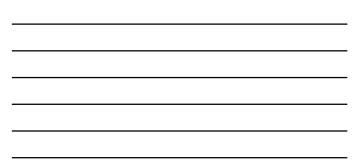






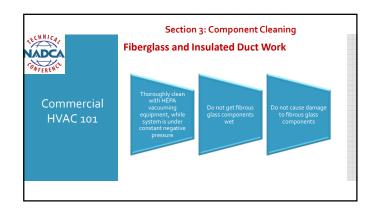










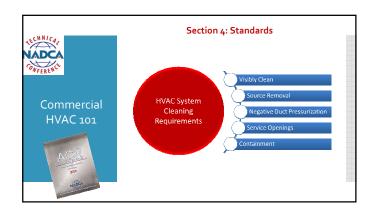


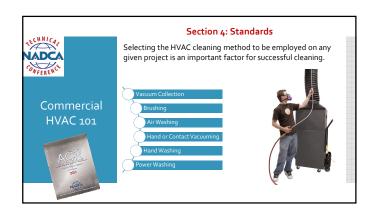


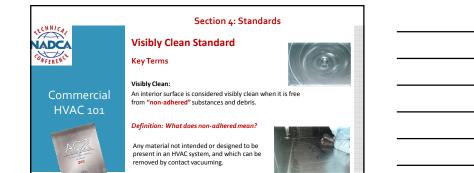












AN/CA	Section 4: Standards
DCA	Source Removal
ERENCE	KeyTerms
Commercial HVAC 101	 Source Removal The mechanical cleaning of system components to remove dirt and debris. Requires two key elements to be effective: Agitation of dust and debris within the HVAC system. Extraction of contaminants from the HVAC system

