

FAQ

Tailored Air Distribution

Question:

How do I commission a fabric ducting system?

Answer:

Generally, you don't need extensive commissioning – Prihoda fabric duct systems largely self-balance when correctly connected and specified.

/ Single-duct installations

A lone fabric duct run requires only verification that the air handling unit (AHU) or fan coil unit (FCU) delivers the intended air volume and static pressure. Ensure airflow and pressure switch settings match the design speed, and the duct will inflate and diffuse as expected.

/ Multi-duct central systems

In setups with multiple branches from a central AHU, simply set the AHU's outlet damper to the design air volume. When only fabric ducts are used as diffusers, each branch's pressure drop has been pre-engineered into the diffuser patterns, so the system self-calibrates without individual dampers.

/ Mixed diffuser configurations

If metal grilles or other diffuser types share the HVAC network, volume control dampers are required at those outlets to prevent over-supply. During commissioning, adjust each damper to ensure every branch—and the fabric ducts—receive correct air volumes and maintain overall static pressure.

Key terms:

commissioning fabric ducts, self-balancing, AHU settings, static pressure, air volume verification, outlet damper, volume control damper, mixed diffuser, system commissioning



to learn more about fabric duct commissioning and installation, visit our [Installation page](#) or contact us via info@prihoda.com



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