



**Addendum v to  
ASHRAE Guideline 36-2018**

**Public Review Draft**

# **Proposed Addendum v to Guideline 36-2018, High-Performance Sequences of Operation for HVAC Systems**

**First Public Review (November 2020)  
(Draft shows Proposed Changes to Current Guideline)**

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**(This foreword is not part of this guideline. It is merely informative and does not contain requirements necessary for conformance to the guideline. It has not been processed according to the ANSI requirements for a guideline and may contain material that has not been subject to public review or a consensus process. Unresolved objectors on informative material are not offered the right to appeal at ASHRAE or ANSI.)**

## FOREWORD

*This addendum adds pressure zone group assignments to Section 3.1 Information Provided by the Designer. Pressure zone group assignments are added to provide direction on which relief/return fans and building pressure sensors to group together for direct building pressure control options.*

*Note: In this addendum, changes to the current guideline are indicated in the text by underlining (for additions) and strikethrough (for deletions) unless the instructions specifically mention some other means of indicating the changes. Only these changes are open for review and comment at this time. Additional material is provided for context only and is not open for comment except as it relates to the proposed substantive changes.*

### Addendum v to Guideline 36-2018

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*(IP and SI Units)*

*Add Section 3.1.4 as follows:*

#### 3.1.4 Pressure Zone Group Assignments

*Return/relief fans and building pressure sensors must be assigned to pressure zone groups, such as by using a table (see example Informative Table 3.1.4) either on drawings or in Building Automation Systems (BAS) specifications. Other formats may be used if they convey the same information.*

*A pressure zone is defined as an enclosed area with interconnected return paths. The appropriate boundaries for pressure zones, establishing which return/relief fan run together, and which building pressure sensors are used will need to be determined by the engineer based on building geometry.*

**Informative Table 3.1.4 Example Pressure Zone Group Table**

<u>Pressure Zone Group Name</u>	<u>AHU Tag</u>	<u>RF Tag</u>	<u>Building Pressure Sensor Location(s)</u>
<u>East Pressure Zone</u>	<u>AHU-1, AHU-2</u>	<u>RF-1, RF-2</u>	<u>Rm. 123E</u>
<u>West Pressure Zone</u>	<u>AHU-3, AHU-4</u>	<u>RF-3, RF-4</u>	<u>Rm. 112W, Rm. 124W</u>

*Add Section 5.16.9.1 as follows:*

5.16.9.1 See Section 3.1.4 for pressure zone group assignments.

*Renumber the following paragraphs as required.*

*Add Section 5.16.10.1 as follows:*

5.16.10.1 See Section 3.1.4 for pressure zone group assignments.

*Renumber the following paragraphs as required.*