

Sagging and subsequent stagnation of water may occur in warm conditions if plastic pipes are used for drainage of condensate water. Sagging must be avoided by providing adequate support. Maximum spacing distance between the supports to withstand all anticipated static loads, is based on the piping material and this should be specified in project design. International Mechanical Code provides guidance on the horizontal and vertical spacing that should be considered in project design.

COMPLIANCE DOCUMENTATION

Table 601.02(1): Documents Required

| Project Stages | Submittal Documents |
|-------------------------------------|---|
| Design Permit Application | 1. Plumbing layout indicating the air gap between condensate piping and wastewater piping and location of the condensate water collecting basin. |
| Construction Completion Application | 1. Final approved plumbing layout indicating the air gap between condensate piping and wastewater piping (if reusing condensate water) and location of the condensate water collecting basin. |
| After Completion | Not applicable. |

REFERENCES AND ADDITIONAL INFORMATION

American Society of Heating, Refrigerating and Air-Conditioning Engineers. (2016). ASHRAE Standard 62.1: Ventilation for Acceptable Indoor Air Quality, Section 5.10 Drain Pans.

International Code Council. (2018). International Mechanical Code, Section 305: Piping Support.