

**INTERPRETATION TO AHRI STANDARDS 550/590 – 2020 (I-P) AND 551/591 – 2020 (SI) – 1
PERFORMANCE RATING OF WATER-CHILLING AND HEAT PUMP WATER-HEATING
PACKAGES USING THE VAPOR COMPRESSION CYCLE**

Date Approved: July 13, 2021

Question: Are refrigerant tubing lengths to be expressed in linear or equivalent units?

References: Table 8 Published Values, and Section 5.9 Refrigerant Tubing for Remote Condenser and Evaporator

Answer: Refrigerant tubing lengths shall be expressed in equivalent lengths. Equivalent lengths shall be calculated per the 2018 ASHRAE Refrigeration Handbook, Chapter 1, Table 16.