

Errata for 2024 Uniform Mechanical Code Illustrated Training Manual – 1st Printing

The following are changes that we found after the first printing of the *2024 Uniform Mechanical Code Illustrated Training Manual*. These changes may apply to your code book. Thank you.

CHAPTER 3

Page 59

Figure 303.10.1(1) Note

In Note 1, change Table 904.2.2 to Table 904.3.2

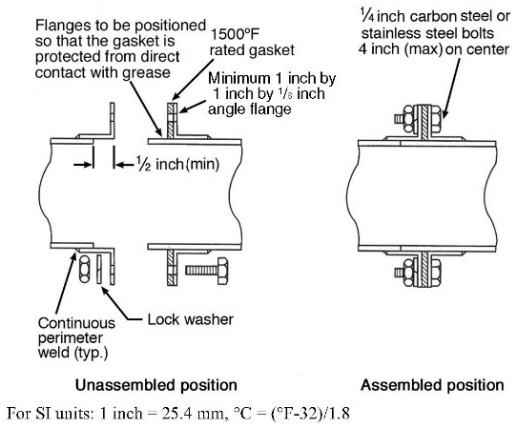
¹ A – Equals the clearance with no protection specified in Table 802.7.3.3 and Table 904.2.3.2 and in the sections applying to various types of equipment.

CHAPTER 5

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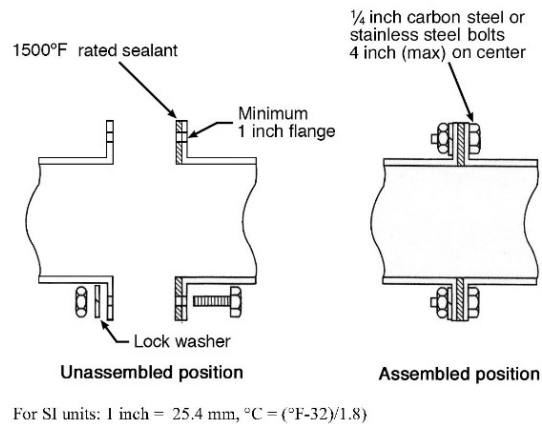
Figures 511.1.2(1) through 511.1.2(4)

Figures 511.1.2(1) through 511.1.2(4) were inadvertently left out of the 2024 UMC ITM. The following Figures should be included where referenced in Section 511.1.2.



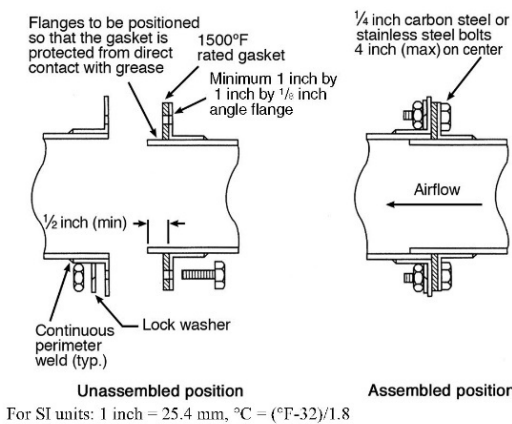
For SI units: 1 inch = 25.4 mm, °C = (°F-32)/1.8

FIGURE 511.1.2(1)
TYPICAL SECTION OF DUCT-TO-FAN
CONNECTION-BUTT JOINT METHOD
[NFPA 96: FIGURE 8.1.3.2(a)]



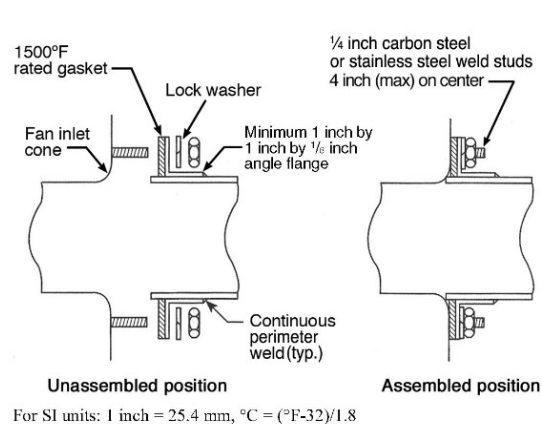
For SI units: 1 inch = 25.4 mm, °C = (°F-32)/1.8

FIGURE 511.1.2(3)
TYPICAL SECTION OF DUCT-TO-FAN
CONNECTION-SEALANT METHOD
[NFPA 96: FIGURE 8.1.3.2(c)]



For SI units: 1 inch = 25.4 mm, °C = (°F-32)/1.8

FIGURE 511.1.2(2)
TYPICAL SECTION OF DUCT-TO-FAN
CONNECTION-OVERLAPPING METHOD
[NFPA 96: FIGURE 8.1.3.2(b)]



For SI units: 1 inch = 25.4 mm, °C = (°F-32)/1.8

FIGURE 511.1.2(4)
TYPICAL SECTION OF DUCT-TO-FAN CONNECTION-DIRECT
TO FAN INLET CONE METHOD
[NFPA 96: FIGURE 8.1.3.2(d)]

CHAPTER 10

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Section 1004.4 Minimum Capacity of Closed-Type Tank Commentary

In the Commentary Example text, the two V_t equations are missing the division line. The two equations should read as follows:

$$V_t = \frac{(0.00041t - 0.0466)V_s}{\left(\frac{P_a}{P_f} - \frac{P_a}{P_o}\right)}$$

$$V_t = \frac{((0.00041 \times 160) - 0.0466) \times 253}{\left(\frac{33.91}{61.6} - \frac{33.91}{103.1}\right)}$$

CHAPTER 12

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Sizing the Gas System Commentary

In the Commentary Text under bullet #4, change “Tables 1308.4.1 and 1316.2(1)” to “Tables 1308.3.1 and 1315.2(1).”
The text should read as follows:

“4. Note the cubic feet per hour at each appliance as in **Figure 1315.1.1** Example Illustrating Use of Tables 1308.4.1 and 1316.2(1).”

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Longest Length Method Commentary

In the Commentary Text under bullet #3, change “Table 1308.4.1” to “Table 1308.3.1”:

“3. Convert each appliance’s Btu/h rating into cubic feet per hour by dividing the Btu/h rating by 1,100. If the Btu/h rating is not known, use Table 1308.4.1.”