

## Errata for 2018 Uniform Mechanical Code – 1st Printing

The following are changes that we found after the first printing of the 2018 Uniform Mechanical Code. These changes may apply to your code book. Thank you.

### Chapter 3

**Table 303.10.1** – Revise the last column on item (5) on Table 303.10.1, from 3 to 2.

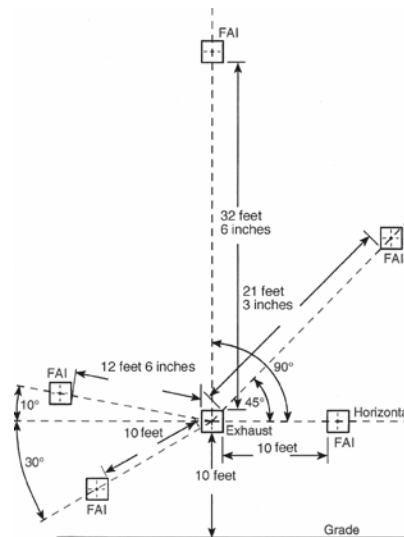
**TABLE 303.10.1**  
**REDUCTION OF CLEARANCES WITH SPECIFIED FORMS OF PROTECTION<sup>1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11</sup>**  
**[NFPA 54: TABLE 10.2.3]**

TYPE OF PROTECTION APPLIED TO AND COVERING ALL SURFACES OF COMBUSTIBLE MATERIAL WITHIN THE DISTANCE SPECIFIED AS THE REQUIRED CLEARANCE WITH NO PROTECTION	WHERE THE REQUIRED CLEARANCE WITH NO PROTECTION FROM APPLIANCE, VENT CONNECTOR, OR SINGLE-WALL METAL PIPE IS:									
	36 (INCHES)		18 (INCHES)		12 (INCHES)		9 (INCHES)		6 (INCHES)	
	ALLOWABLE CLEARANCES WITH SPECIFIED PROTECTION (INCHES)									
	USE COLUMN 1 FOR CLEARANCES ABOVE APPLIANCE OR HORIZONTAL CONNECTOR. USE COLUMN 2 FOR CLEARANCES FROM APPLIANCES, VERTICAL CONNECTOR, AND SINGLE-WALL METAL PIPE.									
	ABOVE (COLUMN 1)	SIDES AND REAR (COLUMN 2)	ABOVE (COLUMN 1)	SIDES AND REAR (COLUMN 2)	ABOVE (COLUMN 1)	SIDES AND REAR (COLUMN 2)	ABOVE (COLUMN 1)	SIDES AND REAR (COLUMN 2)	ABOVE (COLUMN 1)	SIDES AND REAR (COLUMN 2)
(5) 0.024 inch (nominal 24 gauge) sheet metal with ventilated air space	18	12	9	6	6	4	5	3	3	2

(portion of table not shown remains unchanged)

### Chapter 5

**Figure 510.9.2** – Revise the existing text in note 2, from “between closet edges” to “between closest edges”.



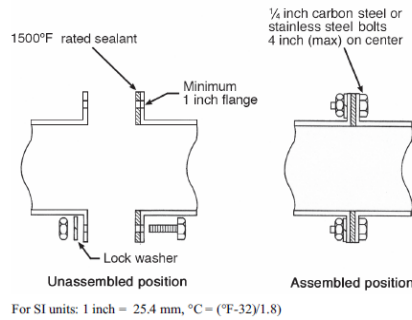
For SI units: 1 inch = 25.4 mm, 1 foot = 304.8 mm

**Notes:**

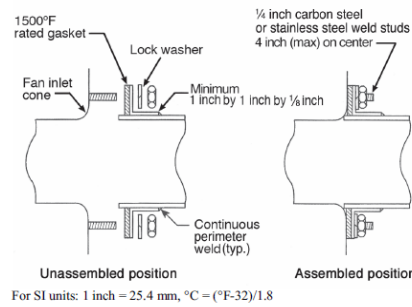
1. Fresh air intake (FAI) applies to an air intake, including an operable door or window.
2. Example:  
 FAI is same plane as exhaust or lower: 10 feet (min.) between closest edges.  
 FAI above plane of exhaust: 10 feet + 3 inches.

**FIGURE 510.9.2**  
**EXHAUST TERMINATION DISTANCE FROM FRESH AIR INTAKE (FAI) OR OPERABLE DOOR OR WINDOW**  
**[NFPA 96: FIGURE 7.8.3]**

**Figure 511.1.2(3) and Figure 511.1.2(4)** – Revise the images for Figure 511.1.2(3) and Figure 511.1.2(4). They should be interchanged, as shown below.



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



**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 11**

**Table 1102.3** – Revise the R-744 refrigerant value for the Pounds Per 1000 Cubic Feet of Space column, from 4.5 to 3.4.

**TABLE 1102.3 (continued)**  
REFRIGERANT GROUPS, PROPERTIES, AND ALLOWABLE QUANTITIES<sup>8</sup>  
[ASHRAE 34: TABLE 4-1, TABLE 4-2]

REFRIGERANT	CHEMICAL FORMULA	CHEMICAL NAME <sup>1</sup> (COMPOSITION FOR BLENDS)	SAFETY GROUP <sup>7</sup>	OEL <sup>2</sup> (ppm)	POUNDS PER 1000 CUBIC FEET OF SPACE
R-744	CO <sub>2</sub>	Carbon dioxide	A1	5000	3.4

(portion of table not shown remains unchanged)