

Proper operation of the Rinnai R/C53i (2520FFU) water heater at high altitudes may require limiting the vent length. Refer to Table 1 for allowable vent lengths and possible changes to the dip switch settings. Table 1 covers horizontal and vertical installations. It is not necessary to adjust the manifold pressure settings.

Table 1 Maximum Vent Length (feet)

Number of 90° Elbows							Altitude ft
0	1	2	3	4	5	6	
41 ①	35 ②	29 ③	23	17	11	5	0 - 5000
34	28	22	16	10	4	NA	5000-10000

NA - Not Allowed
 Two 45° elbows are considered equivalent to one 90° elbow.
 Include termination elbows when using this table.
 ① If the length is less than 22 ' then move dip switch no. 1 to ON
 ② If the length is less than 16 ' then move dip switch no. 1 to ON
 ③ If the length is less than 10 ' then move dip switch no. 1 to ON