

**Errata to**  
***Air-Conditioning System Design Manual, 2nd edition***  
**January 4, 2010**

**Page 76:** In Table 4-2, the correction factor in the 5000 ft [1525 m] column for the “Total capacity” row (the last row in the table) is listed as “0.82” but should be listed as “**0.92.**”

**Page 255:** The equation at the bottom of the page is incorrectly numbered as “8-2”; it should be numbered “**10-2.**”

**Page 255:** The equation at the bottom of the page is missing the integral sign ( $\int$ ) between “ $K_i$ ” and “ $edt$ ”; the correct equation is

$$O = A + (K_p)(e) + K_i \int edt$$

**Page 265:** Figures 10.7 and 10.8 have incorrect labels on the right-hand sides of the figures. Instead of “closed” the labels should read “**open**” and instead of “open” the labels should read “**minimum.**” The corrected figures appear below.

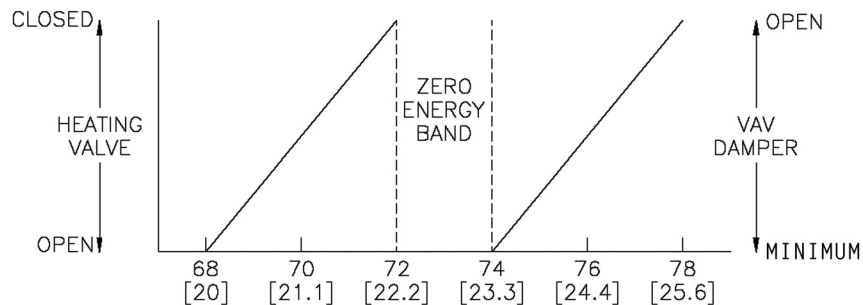


Figure 10-7. Room temperature control profile for “zero energy band” thermostat (temperatures shown are merely suggested values).

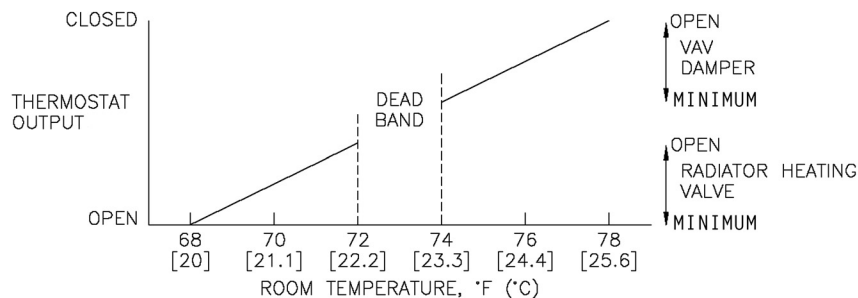


Figure 10-8. Room temperature control profile for “dead band” thermostat (temperatures shown are merely suggested values).

- Page 292:** The 5th line of the paragraph under the B.2.5 heading reads “since constant-volume systems must provide capacities for max” but should read “since constant-volume systems must provide capacities for  $\Sigma$ max.”
- Page 379:** The second-to-last line on the page reads “the words *controller FSC* with the words *inlet valve controller ILVC*” but should read “the words *controller FSC* with the words *inlet **vane** controller ILVC*.”
- Page 381:** The first sentence of item 1 under item A under the F.6 heading reads “The supply fan and return fan may be started and stopped in one of two ways:” but should read “The supply fan may be started and stopped in one of two ways:” (delete “and return fan”).