



The **Series RSS** contractor kit switches ship from the factory set at their minimum set points of 0.2" wc for the **RSS-495** and 1.0" wc for the **RSS-498**. To adjust the set point, use the adjusting tool included in the kit (P/N 28419 Short Arm 1/16" Hex Key). Insert the tool into the adjustment screw located between the mounting feet on the underside of the switch. Viewing from the adjustment screw, turn clockwise to the desired set point. **Do not exceed the maximum allowable number of turns for the model of switch (stated below in this bulletin).**

Please Note: To precisely calibrate a Cleveland Controls air switch, a digital manometer is recommended to confirm set point at actual operating temperature.

RSS-495

The maximum allowable number of turns of the adjustment screw is four and a half (4.5), covering a set point range of **0.2 to 1.0" wc**, as shown in **Figure 1**.

To determine the number of turns required for a given set point, use the following equation:

(required set point - initial set point) / 0.18 = number of turns clockwise, where initial set point = 0.2" wc.

Example:

If required set point = 0.65" wc, and initial set = 0.2" wc, then 2.5 turns are required because (0.65 - 0.20 = 0.45; 0.45/0.18 = 2.5).

RSS-498

The maximum allowable number of turns is four (4), covering a set point range of **1.0 to 4.0" wc**, as shown in **Figure 2**.

To determine the number of turns required for a given set point, use the following equation:

(required set point - initial set point) / 0.75 = number of turns clockwise, where initial set point = 1.0" wc.

Example:

If required set point = 2.5" wc, and initial set = 1.0" wc, then 2 turns are required because (2.5 - 1.0 = 1.5; 1.5/0.75 = 2.0).

Series RSS-495 (1" Set Point Range)

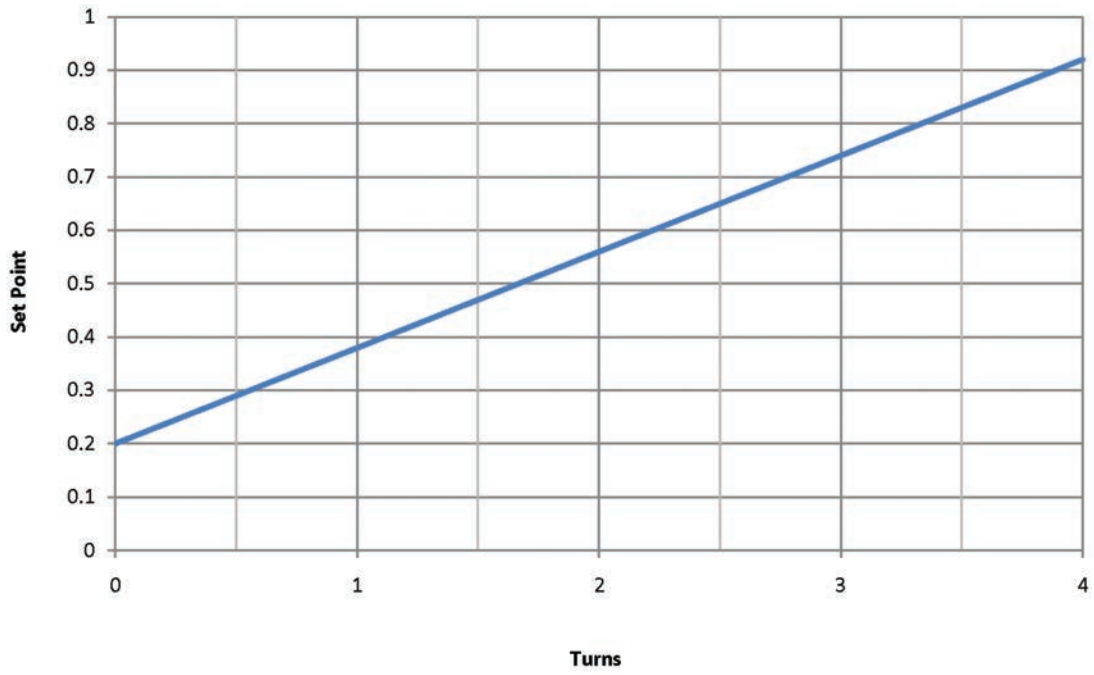


Figure 1

Series RSS-498 (4" Set Point Range)

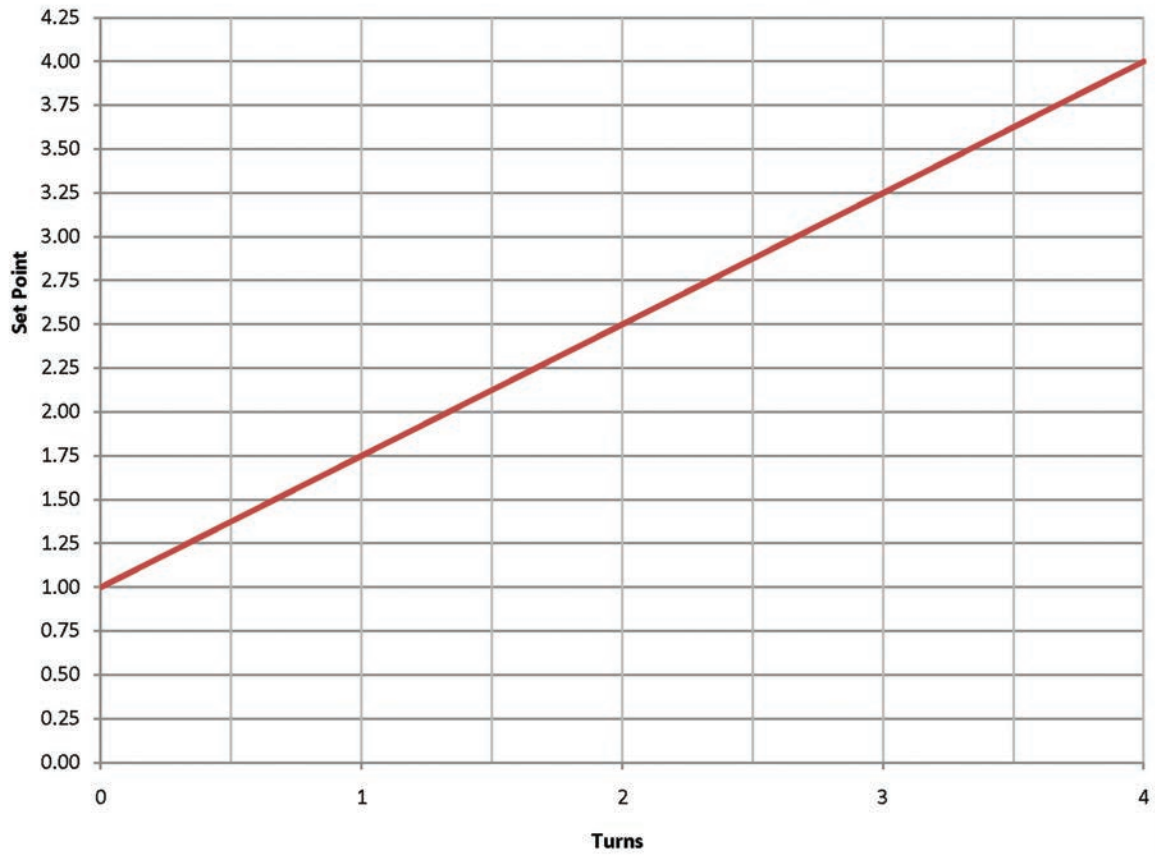


Figure 2