



10K WITH 11K SHUNT BARBER COLEMAN TS902X THERMISTOR TABLES

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OVERVIEW

These two tables can be used with Barber Coleman TS-902X 10K thermistors that have an 11 Kohm shunt resistor across them.

These tables have limits of -40 to 250 F.

INPUT CONFIGURATION

Use one of the two tables described below, and configure your controller input to be 10 Kohms. Set multiplier to 1 and offset to 0. Use the proper table for the desired units:

- BarberColeman-TS902X-11shunt_Fahrenheit.csv **for Fahrenheit**
- BarberColeman-TS902X-11shunt_Celsius.csv **for Celsius**

RESISTANCES

You should double check that this table is the correct one for the 10 Kohm Barber Coleman TAC TS-902 sensor you are using. Four key resistances below can be checked with a table in the datasheet for your sensor. These should match within 100 ohms for all four:

- 0 F = 9,526 ohms
- 32 F = 8,012 ohms
- 77 F = 5,238 ohms
- 100 F = 3,893 ohms