

Journal Entries

12-22-03

I was making some macaroni. My dad said to stop lifting the lid. But I still did not stop. My dad told me the water would take longer to boil if I kept taking the lid off. I wondered if he was right. So I kept the lid on for the rest of the time.

1-10-04

Today I did a dry run with my control.
The pot: Revere ware 2.8l Room temp. 20°C
Amount of water 1,500 ml. burner right front.
Water temp 16.7°C burner setting high.
Time to boil 11 min, 11 sec (11.1)



Cup with 250 ml water (I used 6 cups of 250 ml water each time)



I am pouring some water into the pot. (2.8 liter Revereware pot)



Measuring the temperature of the water



The burner I used each time



The pot on the burner



I am about to take off the pot lid.



The water is boiling.

Trial 1 Date 1-17-04

Lid Off

Pot 2.8 liter Rereeware

Room Temperature 19.4°C

Amount of Water 1500 ml Water Temperature 10°C

Burner right front Burner Setting High

Time to Boil 11:52

Trial 1 Date 1-17-04

Lid off every 1 min for 10 sec

Pot 2.8 liter Rereeware

Room Temperature 19.4°C

Amount of Water 1500 ml Water Temperature 10°C

Burner right front Burner Setting High

Time to Boil 11:00

Trial 1 Date 1-17-04

Lid off every 3 min for 10 sec

Pot 2.8 liter Revereware

Room Temperature 19.4°C

Amount of Water 1500 ml Water Temperature 60°C

Burner right front Burner Setting High

Time to Boil 10:35

Trial 1 Date 1-17-04

Lid on

Pot 2.8 liter Revereware

Room Temperature 19.4°C

Amount of Water 1500 ml Water Temperature 60°C

Burner right front Burner Setting High

Time to Boil 10:25

Trial 2 Date 1-18-04

Lid off

Pot 2.8 liter Revere ware

Room Temperature 18.9°C

Amount of Water 1500 ml Water Temperature 14.4°C

Burner right front Burner Setting High

Time to Boil 11:43

Trial 2 Date 1-18-04

Lid off every 1 min for 10 sec

Pot 2.8 liter Revere ware

Room Temperature 18.9°C

Amount of Water 1500 ml Water Temperature 14.4°C

Burner right front Burner Setting High

Time to Boil 10:35

Trial 2 Date 1-18-04

Lid off every 3min for 10 sec

Pot 2.8 liter Revereware

Room Temperature 18.9°C

Amount of Water 1500 Water Temperature 14.4°C

Burner right front Burner Setting High

Time to Boil 10:15

Trial 2 Date 1-18-04

Lid on

Pot 2.8 liter Revereware

Room Temperature 18.9°C

Amount of Water 1500 ml Water Temperature 14.4°C

Burner right front Burner Setting High

Time to Boil 9:45

Trial 3 Date 1-19-04

Lid off

Pot 2.8 liter Revere ware

Room Temperature 18.3°C

Amount of Water 1500 ml Water Temperature 10°C

Burner right front Burner Setting High

Time to Boil 11:37

Trial 3 Date 1-19-04

Lid off every 1 min for 10 sec

Pot 2.8 liter Revere ware

Room Temperature 18.3°C

Amount of Water 1500 ml Water Temperature 10°C

Burner right front Burner Setting High

Time to Boil 10:40

Trial 3 Date 1-19-04

Lid off every 3 min for 0 sec

Pot 2.8 liter Revere ware

Room Temperature 18.3°c

Amount of Water 15.00 ml Water Temperature 10°c

Burner right front Burner Setting High

Time to Boil 10:10

Trial 3 Date 1-19-04

Lid on

Pot 2.8 liter Revere ware

Room Temperature 18.3°c

Amount of Water 1500 ml Water Temperature 10°c

Burner right front Burner Setting High

Time to Boil 10:5