

Standardized Work - Portable Incubator Fabrication (Style 3)

Table: Electrical Bench	Issue: WMI-30-06, Release, 09/18/2015
Station 5 of 5, Finalize Kit	Supervisor: Jeremy Rees

Item (WMI #) - Quantity	Tools Required
Obtain the following parts from the Testing Supplies storage area:	
1 - 12 vdc Car Adapter (210001)	
1 - 12 vdc Car Battery Adapter (210002)	

Step	Operation	Supporting Details
1	<p>From the components set aside at Station 2 obtain the following parts:</p> <ul style="list-style-type: none"> 1 - 120vac to 12vdc Power Converter (210007) <p>Obtain the following parts from the Testing Supplies storage area:</p> <ul style="list-style-type: none"> 1 - 12 vdc Car Adapter (210001) 1 - 12 vdc Car Battery Adapter (210002) <p>(See Fig 5-1)</p>	
2	<p>Connect the 12 vdc output of the power converter to the thermostat cord in the dry storage compartment (Middle section) of the insulated bag. Then connect the converter input to a 120 vac power source.</p>	<p>The thermostat will power. The readout display will cycle through the following indications:</p> <ul style="list-style-type: none"> Relative Humidity Set Temperature Current Temperature <p>If the Current Temperature is less that the Set Temperature, the fan assembly should be blowing.</p>



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Standardized Work - Portable Incubator Fabrication (Style 4)

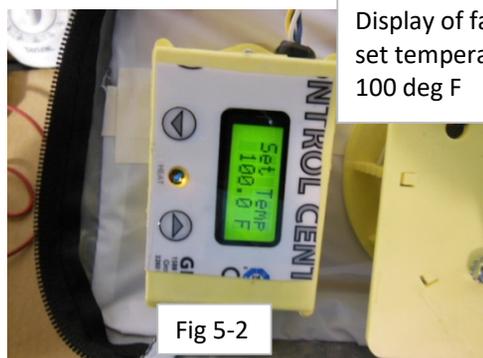
Table: Electrical Bench

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Station 5 of 5, Finalize Kit

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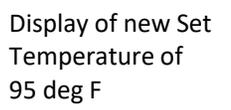
Step	Operation	Supporting Details
3	After confirming that the Set Temperature set at the factory is 100 deg F, press the down arrow until the Set Temperature readout displays 95 deg F. (Ref Fig 5-2 and Fig 5-3)	The fan assembly should continue blowing as long as the current temperature is less than the set temperature.
4	Allow the readout display to cycle through several cycles. The Set Temperature indication should remain at 95 deg F.	Note: This is only a validation that the thermostat has been set - not that the temperature is being controlled. That will be handled by a separate procedure, if necessary.
5	Disconnect the power converter, and neatly dress the thermostat cable in the dry storage compartment area.	
6	Pack into the lower storage compartment the car adapter, car battery adapter, and power converter.	
7	Inspect.	<p>Validate that all parts have been kitted into the newly fabricated incubator and that the workmanship is acceptable.</p> <p>The upper and lower sections may now be closed. The portable incubator fabrication is complete.</p>



Display of factory-set temperature of 100 deg F

Fig 5-2

'Down' arrow to change Set Temperature.



Display of new Set Temperature of 95 deg F

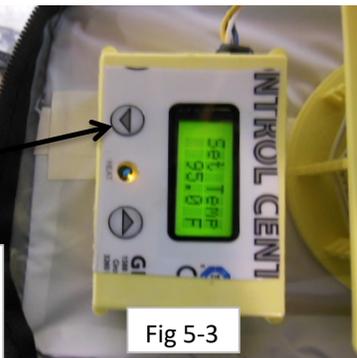


Fig 5-3



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