What is claimed is:

1. A diffusing apparatus for diffusing essential oils into the air, the apparatus comprising:

a reservoir configured to hold essential oils in an internal cavity;

a controller assembly removably coupled to the reservoir, the controller assembly comprising an air inlet port, a first controller, and a micro air pump unit;

a base removably coupled to the controller assembly, the base comprising a second controller, wherein the second controller is connected to the first controller; and

a tube in fluid connection at a first end with the micro air pump unit and extending into the reservoir, the tube providing a path for pressurized air from the micro air pump unit into the reservoir through a plurality of orifices at a second end of the tube.

2. The apparatus of claim 1, wherein:

the base further comprises a rechargeable battery; and

the rechargeable battery is configured to power the first controller.

3. The apparatus of claim 2, further comprising a plurality of LEDs in the base configured to illuminate the reservoir.

4. The apparatus of claim 1, wherein the micro air pump unit generates at least five hundred pascals of pressure.

5. The apparatus of claim 1, wherein the micro air pump unit consumes less than one Watt of power when operating.

6.The apparatus of claim 1, wherein the micro air pump unit produces airflow of up to one liter per minute.

7. The apparatus of claim 1, further comprising a collar assembly, wherein the controller assembly is removably coupled to the collar assembly and the collar assembly is removably coupled to the reservoir and to the tube.

8. The apparatus of claim 7, wherein the collar assembly comprises an exhaust passageway fluidly connecting the internal cavity of the reservoir with an exhaust opening on the controller assembly.

9. The apparatus of claim 8, wherein the collar assembly comprises a collar inlet port, a collar exhaust aperture, and a collar exhaust channel

10. The apparatus of claim 9, wherein:

the collar exhaust aperture is located on a first side of the collar inlet port; and

the collar exhaust channel is a passageway extending from the first side of the collar inlet port and around the collar inlet port to a second side of the collar inlet port and out a side of the collar assembly.

11. The apparatus of claim 8, wherein the controller assembly includes a tilt sensor.

12. The apparatus of claim 1, wherein:

the apparatus further includes a diffuser tip connected to the end of the tube below the oil level in the reservoir body; and

the plurality of orifices are located on the diffuser tip.

13. The apparatus of claim 11, wherein the plurality of orifices in the diffuser tip are recessed into the diffuser tip from an outer surface of the diffuser tip.

14. The apparatus of claim 1, wherein the air inlet port comprises an angled channel, and wherein the controller assembly and the base are electronically connected through a serial communication cable and wherein the controller assembly and the base are configured to permit bi-directional communication.

15. The apparatus of claim 1, wherein the base comprises a first port configured to electronically connect to the controller assembly and a second port configured to electronically connect to an external device.

16. The apparatus of claim 1, wherein the second controller is configured to control the first controller, and wherein the second controller is configured to receive wireless communication from a remote computing device.

17. The apparatus of claim 1, wherein the tube further comprises a side aperture in a wall of the tube, wherein the side aperture is located at least one-half a height of the tube.

18. An apparatus for infusing air with essential oils, the device comprising: a reservoir configured to hold essential oils in an internal cavity; a controller assembly removably coupled to the reservoir, the controller assembly comprising an air inlet port, a first controller, and a micro air pump unit;

a base removably coupled to the controller assembly, the base comprising a second controller, wherein the second controller is connected to the first controller; and a tube in fluid connection at a first end with the micro air pump unit and extending into the reservoir, the tube providing a path for pressurized air from the micro air pump unit into the reservoir through a plurality of orifices at a second end of the tube, wherein the micro air pump unit generates at least five hundred pascals of pressure, and wherein the micro air pump unit consumes less than one Watt of power when generating the at least five hundred pascals.

19. The apparatus of claim 17, wherein the micro air pump unit is a piezoelectric diaphragm micro pump.

20. The apparatus of claim 17, wherein:

the apparatus further comprises a collar assembly;

the controller assembly is coupled to the collar assembly and the collar assembly is coupled to the reservoir and to the tube;

the collar assembly comprises an exhaust passageway fluidly connecting the internal cavity of the reservoir with an exhaust opening on the controller assembly;

the collar assembly comprises a collar inlet port, a collar exhaust aperture, and a collar exhaust channel;

the collar exhaust aperture is located on a first side of the collar inlet port; and the collar exhaust channel is a passageway extending from the first side of the collar inlet port and around the collar inlet port to a second side of the collar inlet port and out a side of the collar assembly.

21. A method of infusing air with essential oils, the method comprising:

providing an essential oils reservoir comprising a tapered internal cavity;

coupling a controller assembly to the reservoir, the controller assembly comprising a micro air pump unit, and a first controller;

coupling a base to the reservoir, the base comprising a second controller; and

controlling operation of the first controller through the second controller to operate the micro air pump unit and expel air through the controller assembly into a tube and into essential oils located in the reservoir.