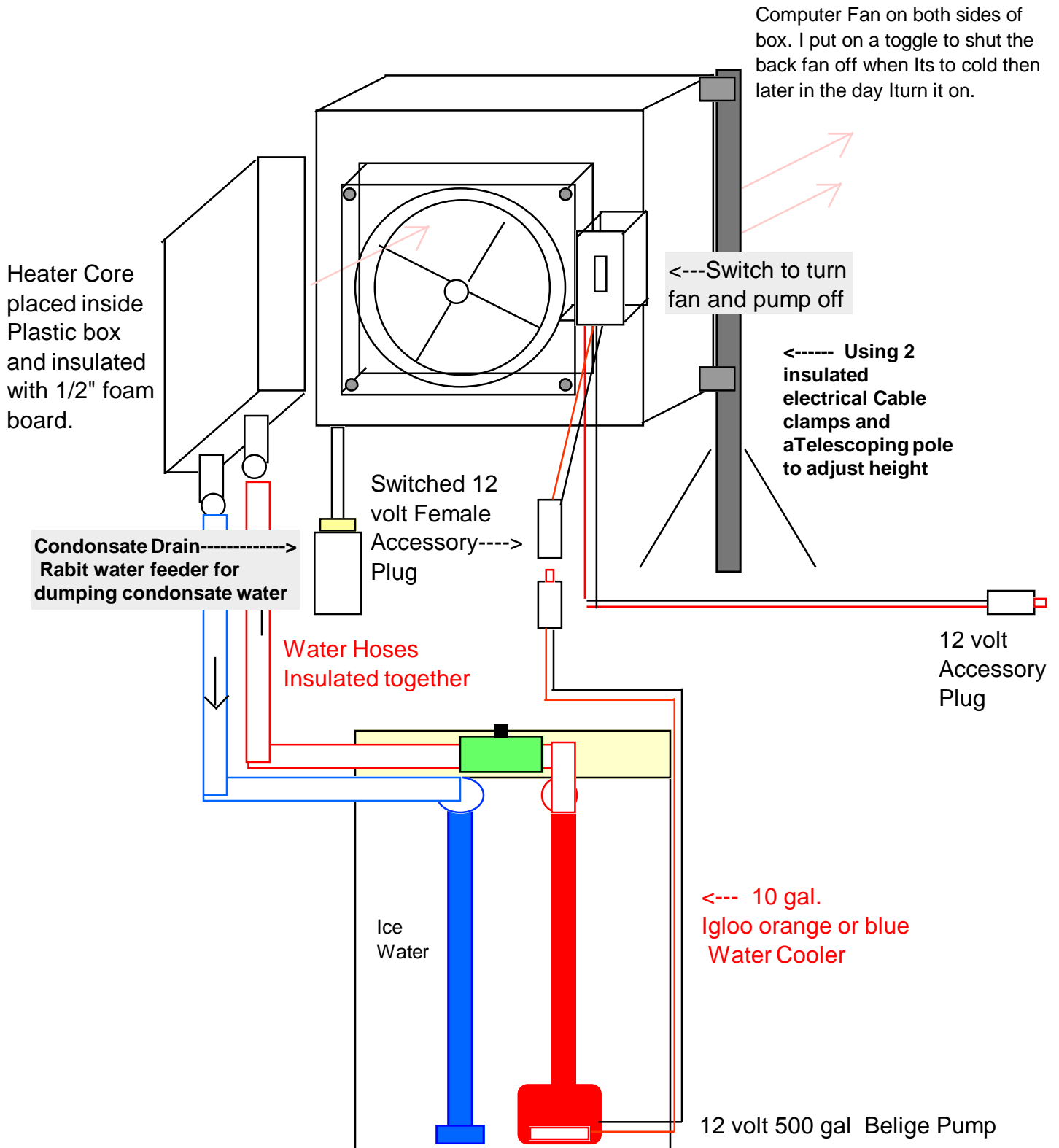


ICEAIR 12 volt by: Mark Jones 2006

This system will provide 2.5 hours of cooling using 2.5 amps draw from a 12 volt battery. Using 2 standard car batteries in parallel you can run this for 16 hours on one charge. Just load the water cooler with a couple bags of ice and you will have cool air. Tweak it down a bit by restricting the air flow and the water flow and it will last even longer. I use a attic fan timer switch 12 hour type to shut the system off after 2.5 hours when tent camping. This unit works well in the cab of a large pickup truck. Just put on top of the seat and next to the person wanting cool air. This is like a fan blowing cool air. It won't cool a vehicle cab but it does keep one cool even in 100+ heat.



Approx. Price List for Ice Air

Prices are for new stock

1. Ready Air Heater Core Auto part Store	27.00
5.5 x 5.5 x 2" Oreilly #398306 Fits 1995 Aspire	
1. 12 volt Belige Pump 500 gal. Walmart	12.00
2 12 volt 4" Computer Fans Radio shack	38.00
2 5' of Washer Hoses	8.00
1 10 gal water cooler with screw on lid Walmart	18.00
1 Plastic box 6x6 x 3	18.00
1 Drain hose clear 1/2 od to 3/8 Id 12" long	.50
1 Rabbit water bottle	5.50
2 1/2" Schedule 80 nipples	2.00
2 lock nuts Plastic for schedule 80 nipples	1.00
2 plastic reinforcement plates (cut from cover)	1.00
2 Brass 1/2" to 3/4 Hose connection. male	7.00
2 hose clamps for garden hose repairs.	1.37
2 rolls of vinyl tape	1.00
1 self adhesive pipe insulation flexible type.	3.99
1 light switch box schedule 80 type	1.20
1 light switch face plate schedule 80 type	.50
1 regular light switch hse t type.	1.00
1 12 volt accessory plug Radio shack with both ends.	8.00
1 12 volt accessory plug with mail end Radio Shack	8.00
2 1/2 schedule 40 pvc threaded elbow 1 end	1.00
2 4 1/8" plastic fan schrouds Grainger	2.00
1 1/2" pvc elbow	.30
1 1/2" pvc Tee	.30
2 1/2" pvc plastic pipe 16"	.90
1 1/2" pvc plastic pipe 3"	.60
2 hose clamps	1.50
1 3" piece of 3/4 id hose	2.00
1 hose valve to restrict flow from water cooler on pump side	3.50
1 can of pvc cleaner	1.00
1 can of pvc glue	1.50
1 tube of silicon caulk	3.00
2 Insulated Cable Clamps	1.00
8 3/16 x 1" bolts with nuts and lock washer holds fan to box)	2.00
8 3/16 nuts and lock washers (used to hold the bolts on the box)	

Cost

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181.27