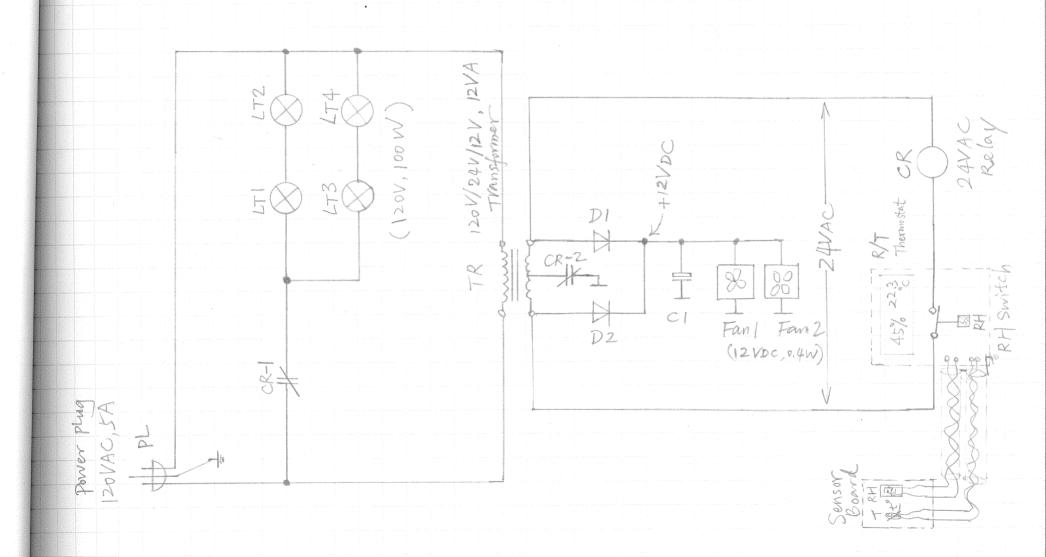


Schematics of Piano RHC



					Unit				
Item #	Name	P/N	Description	Supplier	price	Subtotal	My cost	Subtotal	Notes
				Canadian					
R/T	RH controller		Thermostat with RH display and control	Tire	\$40.00	\$40.00	\$16.00	\$16.00	bought when it's on sale
									salvage from a broken
1 TR	transformer	MT2232-ND		Digikey	\$10.00	\$10.00	\$0.00	\$0.00	audio amplifier
			24VAC relay with socket, 3SPDT, 5A						
CR	relay		120VAC contacts	Digikey	\$10.00	\$10.00	\$0.00	\$0.00	stock
LT1~LT4	1 bulb		100W, 120VAC	Dolladama	\$0.32	\$1.28	\$0.32	\$1.28	
	bulb socket		media base bulb socket	Home-depot	\$1.49	\$5.96	\$1.49	\$5.96	
D1, D2	diode	1N4001		Digikey	\$0.10	\$0.20	\$0.00	\$0.00	stock
C1	capacitor		25V 22uF		\$0.10	\$0.10	\$0.00	\$0.00	stock
FAN1,	'			J J					
	fan		12VDC, 1.4W brushless electric fan	Digikey	\$7.00	\$14.00	\$0.00	\$0.00	stock
1	Heater board		Custom made		\$2.00	\$2.00	\$0.00	\$0.00	from scrap
			16x48" zinc coated sheet metal for heating						
	Heat shield		duct	Home-depot	\$2.00	\$2.00	\$8.00	\$8.00	I didn't find the right
	sensor board		Custom made		\$1.00	\$1.00	\$0.00		from scrap
	1 pair cable		6'	Diaikev				\$0.00	stock
1	<u> </u>		6'						
	_ ps ssidod odbio			g y	Ţ0.00	\$0.00	\$0.00	70.00	salvage from a broken
	6' power cord			Diaikev	\$2.00	\$2.00	\$0.00	\$0.00	audio amplifier
	· ·								·
	torriniar proofto				Ψ0.00	Ψ1.00	φσ.σσ	Ψ0.00	- C.C.G.N.
							My actual		
					Total:	\$98.54	•	\$31.24	
	TR CR LT1~LT4 D1, D2	R/T RH controller  TR transformer  CR relay LT1~LT4 bulb bulb socket  D1, D2 diode C1 capacitor  FAN1, FAN2 fan Heater board  Heat shield	R/T RH controller  TR transformer MT2232-ND  CR relay LT1~LT4 bulb bulb socket  D1, D2 diode 1N4001  C1 capacitor  FAN1, FAN2 fan Heater board  Heat shield sensor board 1 pair cable 2 pair shielded cable  6' power cord	R/T RH controller Thermostat with RH display and control  TR transformer MT2232-ND 120/12/24VAC, 12VA 24VAC relay with socket, 3SPDT, 5A 120VAC contacts LT1~LT4 bulb 100W, 120VAC bulb socket media base bulb socket  D1, D2 diode 1N4001  C1 capacitor 25V 22uF  FAN1, FAN2 fan 12VDC, 1.4W brushless electric fan Custom made 16x48" zinc coated sheet metal for heating duct sensor board Custom made 1 pair cable 6' 2 pair shielded cable 6' 6' power cord	R/T RH controller Thermostat with RH display and control Tire  TR transformer MT2232-ND 120/12/24VAC, 12VA Digikey 24VAC relay with socket, 3SPDT, 5A 120VAC contacts Digikey LT1~LT4 bulb 100W, 120VAC Dolladama bulb socket media base bulb socket Home-depot D1, D2 diode 1N4001 Digikey C1 capacitor 25V 22uF Digikey FAN1, FAN2 fan 12VDC, 1.4W brushless electric fan Digikey Heater board Custom made Heat shield duct Home-depot sensor board Custom made 1 pair cable 6' Digikey 2 pair shielded cable 6' Digikey Digikey Digikey	Item #NameP/NDescriptionSupplier Canadian TirepriceR/TRH controllerThermostat with RH display and controlCanadian Tire\$40.00TRtransformerMT2232-ND120/12/24VAC, 12VADigikey\$10.00CRrelay120VAC relay with socket, 3SPDT, 5A 120VAC contactsDigikey\$10.00LT1~LT4 bulb100W, 120VACDolladama\$0.32bulb socketmedia base bulb socketHome-depot\$1.49D1, D2diode1N4001Digikey\$0.10C1capacitor25V 22uFDigikey\$0.10FAN1, FAN2fan12VDC, 1.4W brushless electric fanDigikey\$7.00Heater boardCustom made\$2.00Heat shieldductHome-depot\$2.00sensor boardCustom made\$1.001 pair cable6'Digikey\$3.002 pair shielded cable6'Digikey\$3.006' power cordDigikey\$2.00	Item #         Name         P/N         Description         Supplier Canadian Tire         price Subtotal Canadian Tire         \$40.00         \$40.00           TR         transformer         MT2232-ND 120/12/24VAC, 12VA 24VAC relay with socket, 3SPDT, 5A 120VAC contacts         Digikey \$10.00         \$10.00           CR         relay         100W, 120VAC Description         Digikey Structure         \$10.00           LT1-LT4 bulb         100W, 120VAC Description         Digikey Structure         \$10.00           LT1-LT4 bulb         100W, 120VAC Description         Dolladama Structure         \$1.28 Description           D1, D2 diode         1N4001         Dolladama Structure         \$1.49 Structure         \$5.96 Description           D1, D2 diode         1N4001         Digikey Structure         \$0.10 Structure         \$0.20 Description         \$0.20 Description         \$0.10 Structure         \$0.20 Structure         \$0.10 Structure         \$0.00 Structur	Name	Name