



50 Cliff Street  
 South Royalton, VT 05068

## Estimate - 64 kBTU Solar Hot Water

Name / Address
Rice University

Date	Estimate #
10/22/2010	3669

Project

Description	Qty	U/M	Rate	Total
Wagner & Co 2 Collector SHW package (Set of 2 flat plate collectors black EURO C20 AR-M, Roof mounting kit, Solar storage tank ECO300 with a capacity of 106 gal, Prewired Solar circulation unit CIRCO US, Expansion vessel, Solar controller SUNGO US II featuring a speed controlled pump, Sensor connection box, Solar heat transfer liquid DC20-F, A1 Pro Brackets)	1	ea	5,361.76	5,361.76
Heat Dissipation Vessel Set 3 Gallon	1	ea	108.86	108.86
Exterior Piping run, 1" wall closed cell insulation, 3/4" copper pipe, Aluminum clad, per foot	20	ft	10.15	203.00
Interior Piping run, 1" wall closed cell insulation, 3/4" copper pipe	160	ft	8.05	1,288.00
Plumbing fittings for SHW systems	64	kBTU	4.55	291.20
Tempering (mixing) Valve 3/4"	1	ea	135.95	135.95
Labor - Plumber 1	52	hr	46.00	2,392.00
Labor - Plumber 1 ( Take old tank out )	8	hr	46.00	368.00
Labor - Rice Plumber	16	hr	35.00	560.00
Labor - Rice Plumber	16	hr	35.00	560.00
Labor - SHW System Design	6	hr	50.00	300.00
Travel Allowance	5	trip	25.00	125.00
Wagner & Co Freight			500.00	500.00
Wide 26ft Scissor Lift Rental	1	ea	300.00	300.00
Subtotal of all ReKnew costs, will be offset by rebates and credits below				12,493.77
Sales Tax - No tax on Solar			0.00%	0.00
Typical interior and exterior pipe runs			<b>Total</b>	\$12,493.77