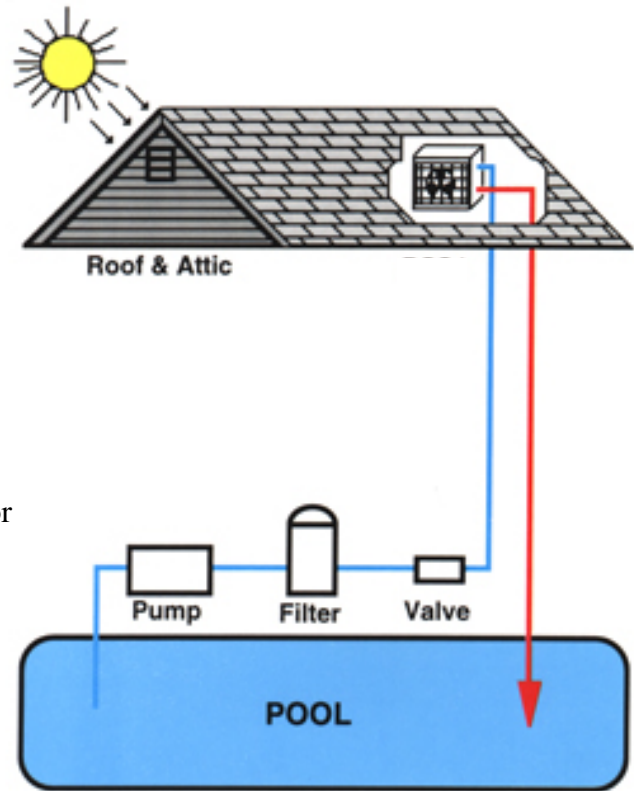


14. Specifications

SOLAR Without PANELS

- Pool Sizes: Up to 1000 square feet or 35,000 gallons
- Up to 70,000 gallons with FlowReversal™ valves
- Nominal BTU Rating: 60,000 BTUs/hour @ $\Delta 32^{\circ}\text{F}$
I.E. Pool water input 72°F & Attic's Peak @ 104°F
- BTU Transfer Range: 20-150,000 BTUs per hour
- Attic space required: 3 ft min height to peak; and, square ft of attic equal to or greater than pool sq ft
- Attic access: Fits through all standard trusses
- Minimum access opening: 17"x 23"
- Can be disassembled for smaller access openings
- Size: 22"H x 16"D x 46"W [w/o motor assembly]
- Weight: ~142 pounds Filled Weight: ~163 pounds
- Shipping Crate Size: 28"H x 24"D x 48"W
- Crated Weight: 168 pounds
- Power: 115 vac 6.0 amps @ Full Load
- Operating Cost: \$9-18 per month @ 9¢ per KW/hour
- U.L. Listed: All components except cabinet parts
- RPM 1645 @ High Speed / 3 Speed Adjustable Motor
- Plumbing Connections: 2" Male Pipe Threads
- Pressure Drop: 4-6 PSI typical
- Air Flow Rate: 2600 SCFM
- Water Flow Rate: Range 15-65 GPM
- Optimal Water Flow Rate: 40-50 GPM
- Modes: Manual Off & On
- Automatic Operation: Optional Solar Control
- Proudly Manufactured in the USA by
ECONAR Energy Systems Corporation
- CSA Approved



The words SolarAttic and PCS2 are trademarks of SolarAttic, Inc., Elk River, Minnesota. The word ECONAR is a trademark of ECONAR Energy Systems Corporation, Elk River, Minnesota. The word FlowReversal is a trademark of Mark Urban, Tustiin, California. These specifications are subject to change without notice. ECONAR's manufacturing crew is shown on the back of this manual.



U.S. Patents

5,014,770

5,452,710

5,746,653

Photo to left shows a crated
PCS2 ready to ship.

July 24, 2003 Rev D Manual