

A BRIEF HISTORY OF SOLAR HOT WATER

Simple batch
heater

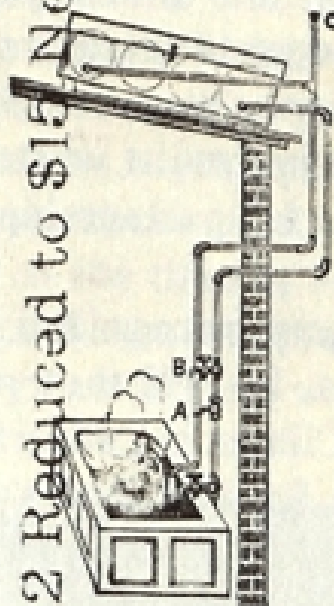
Climax Solar-Water Heater

UTILIZING ONE OF NATURE'S GENEROUS FORCES

THE SUN'S HEAT

{ Stored up in Hot Water for Baths,
Domestic and other Purposes.

**Price Of No. 1 Heater for
1892 Reduced to \$15 Net**



GIVES HOT WATER at all HOURS
OF THE DAY AND NIGHT.

NO DELAY.

FLOWS INSTANTLY.

NO CARE. NO WORRY.

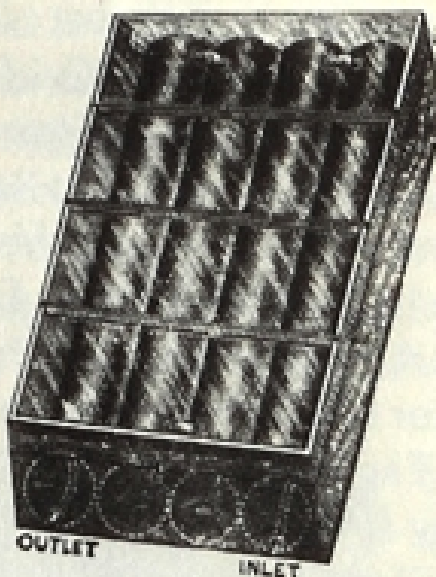
ALWAYS CHARGED.

ALWAYS READY.

THE WATER AT TIMES
ALMOST BOILS.

Price, No. 1, \$25.00

This Size will Supply sufficient
for 3 to 8 Baths.

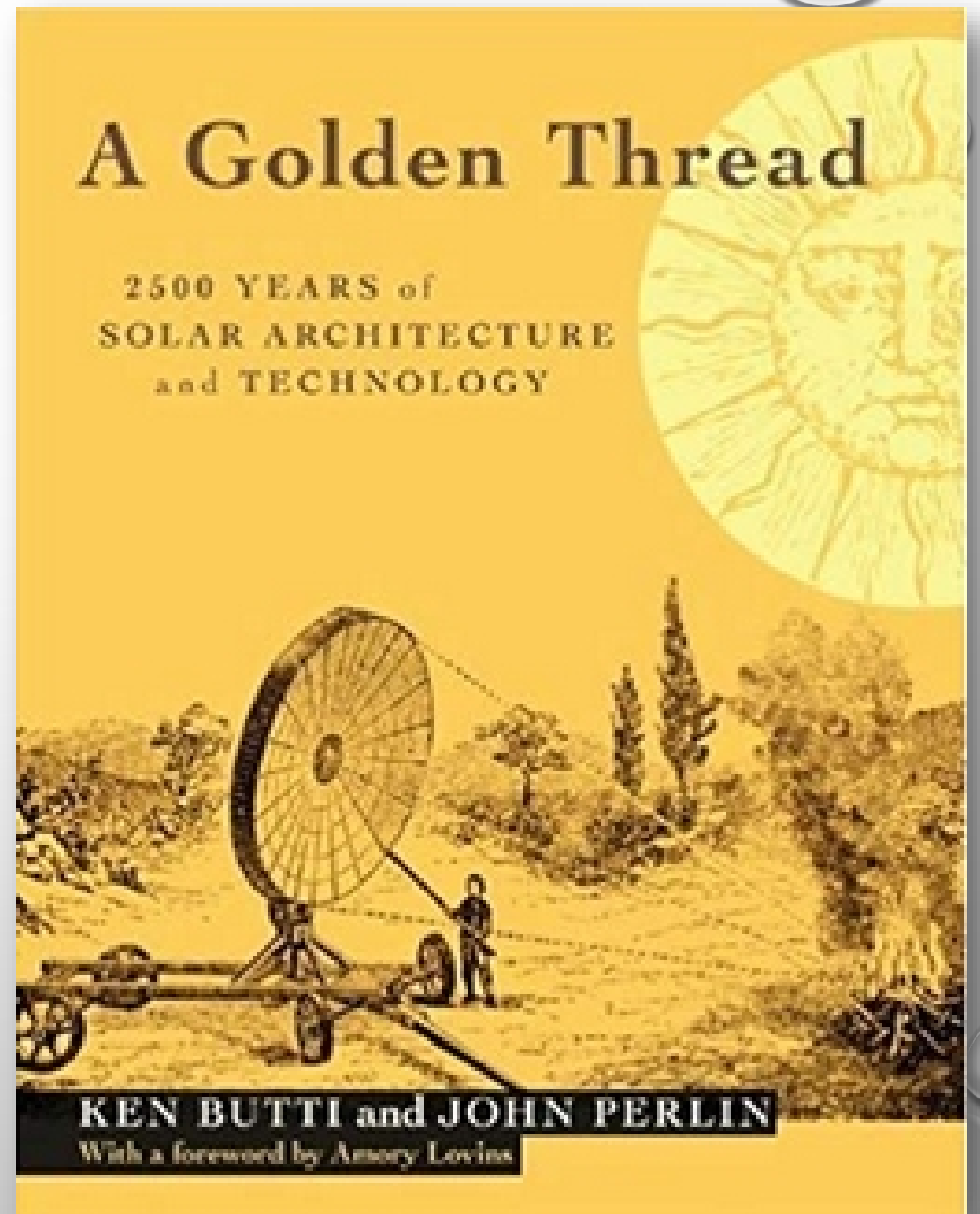


CLARENCE M. KEMP, BALTIMORE, MD.

This book puts
solar thermal in
perspective

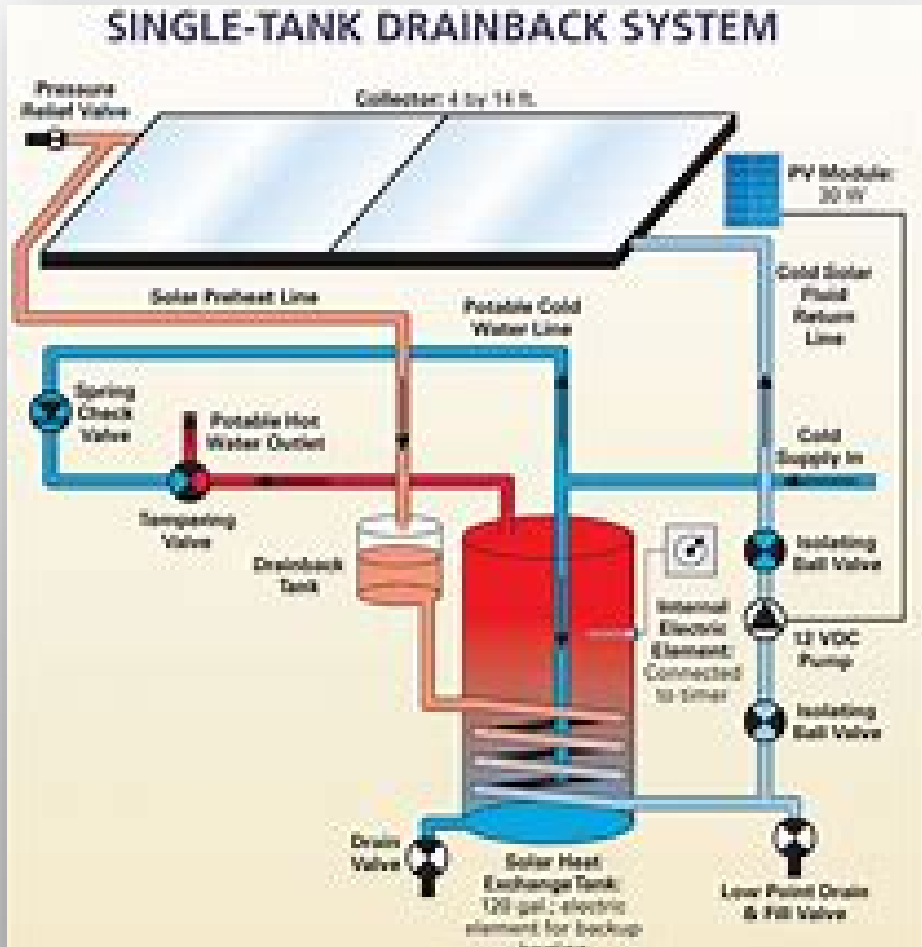
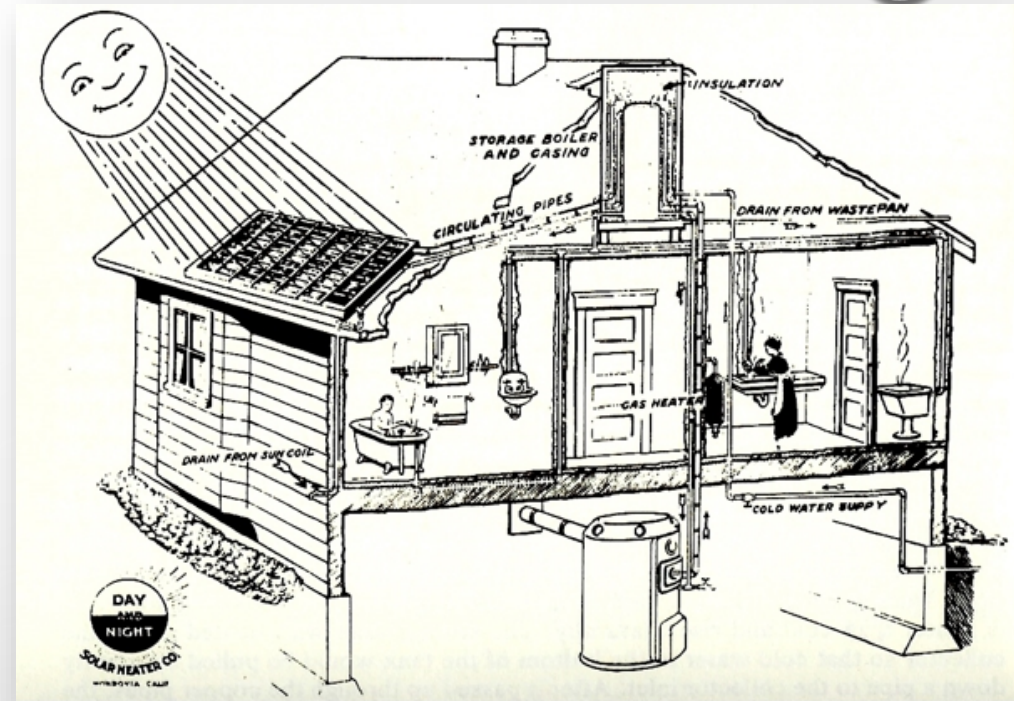
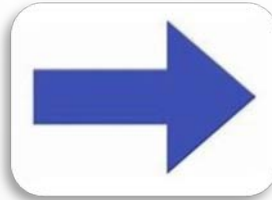
Find it at

www.addall.com

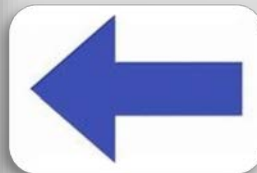


Solar heating comes and goes...

Solar from the 1920s, stopped by cheap gas.



Solar from the 1980s, stopped by the end of tax credits.



I was around for the second solar thermal collapse, and for years took care of many orphaned systems.

What I learned:

- Simple lasts while complex doesn't
- Designers and installers had little training
- Any big component failure killed the system
- Efficiency often did more than solar
- The system must be matched to the occupants



And the Next Threat to Solar Thermal ???



+



But is it really either - or?

Some promote PV + HP as better than thermal. I see them as different ways of getting the job done. It's bad practice to build yourself up by putting someone else down.

It makes everybody looks bad.



How do we make solar thermal attractive for the long term?

- Sell based on life-cycle cost
- Bring the price down
- Have trained, experienced installers
- Keep the systems simple
- Promote the benefits of solar, like:
 - Reduced grid dependence
 - Reduced monthly cost
 - Good ROI
 - Bragging rights?



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in hot water

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