



PhoenixLD-S

Solar... The Future of Every California Home

30% Federal Solar Tax Credit

Utility rebate \$4,000*

Energy compliance credits and fuel savings



Complete Solar Package Includes:

- Phoenix LD-S
- Solar Skies 4x10 Collector
- Taco Solar Pumping Station

The Phoenix LD Solar Water Heater is a revolutionary product that combines solar storage with up to 97% efficient gas fired back up. When connected to a solar collector, the Phoenix LD Solar Water Heater harnesses the power of the sun to provide endless domestic hot water while reducing energy costs. When the sun's energy is not enough, the gas fired heat source engages. At the same time the Phoenix LD-S can be used for space heating via radiant floors and/or hot water furnaces.

*Exact amount depends on installation and site location. OG300 pending.



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A Sensible Technologies Inc. Company

Made in America

MODEL #	GALLONS	A*	B	C	D	E	F
PH76-80S	80	71-3/4"	57-13/16"	57-13/16"	31-11/16"	23"	32-1/4"

MODEL #	INPUT MODULATION	AIR INTAKE/EXHAUST VENT SIZE	INLET/OUTLET SIZE	AUXILIARY CONN.	GAS LINE CONN.	SYSTEM RELIEF PIPE SIZE	SHIPPING WEIGHT (LBS)	MAX. TEMPERATURE LIMIT
PH76-80S	25,000-76,000	2"	3/4"	3/4"	1/2"	3/4"	195	160°

STANDARD FEATURES

- Up to 97% Thermal Efficiency
- Modulating Burners with Up to 3:1 Turndown Ratio
- Vents in PVC, CPVC, Stainless Steel, ULC S636
- Spark ignition with flame monitoring
- Flame stabilization monitoring

- Integrated Control System
- Pressure relief pre-piped
- Limited Warranty:
Residential: 10 year if registered online, 7 year if not registered
Commercial: 3 year (upgradeable to 5 year with additional charge)

WHAT'S IN THE BOX

- Intake PVC Tee w/ Screens
- Exhaust PVC Coupling w/ Screens
- Installation Manual
- Temperature & Pressure Relief Valve
- Warranty
- Condensate Cartridge

OPTIONAL EQUIPMENT

- Outdoor Sensor
- 2" or 3" PVC Concentric Vent Kit
- 3" Polypro Vent Kit
- PC Connection Cable w/ Software
- 2" or 3" Stainless Steel Outside Termination Vent Kit

CLEARANCE TO COMBUSTIBLE MATERIALS: 0" TOP, BOTTOM, SIDES, AND BACK. COMBUSTIBLE DOOR OR REMOVABLE PANEL IS ACCEPTABLE FRONT CLEARANCE.

Standard Installation

Phoenix LD-S, Solar Collector
SS40-FP-U, Taco Solar Pumping
Station SPS-PD-3

Collector Specifications

Collector	SS40-FP-U
Gross Area (ft ²)	39.83
Dimensions (in)	121.25 x 47.25
Transparent Area (ft ²)	37.49
Weight (lb)	153

Call today and talk with our expert Solar Thermal Consultants - 800-493-8432 or visit us at www.jtgmuir.com

Variable Speed Pays Big Performance Dividend:

The variable speed circulator in the Solar Pumping Station continuously optimizes the flow through the collector to achieve maximum energy gain. For example, there is no benefit of pulling 80° water out of the collector when you are trying to maintain 120° in a tank. If a proper Delta-T is maintained through the collector then higher source temperatures can be achieved over longer periods of time, no matter the weather conditions.

The Solar Pumping Station truly simplifies your closed loop solar water heating installation. With just a few connections, you install the heart of the system; circulator, solar control and all safety and measurement equipment.

- Pressure Relief
- Pressure Gauge
- Expansion Tank Connection
- Return Temperature Gauge & Shut-off valve
- Supply Temperature Gauge & Shut-off valve
- Air Eliminator & Vent
- Variable Speed Solar Control
- Standard 2-Bolt Flanged Circulator
- Fill Port Hose Connection
- Flow Meter in GPM
- Purge Port Hose Connection
- Union Connections X 3/4" Sweat
- Insulated Enclosure