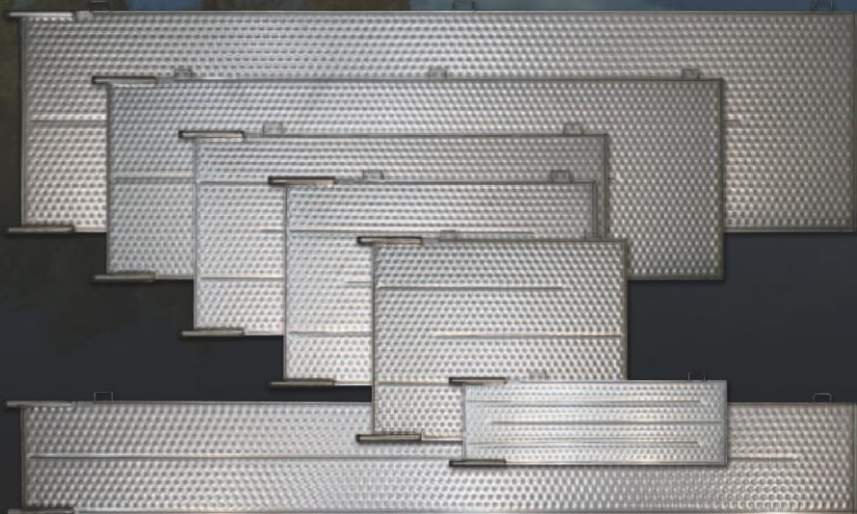


SMART, SIMPLE,
PROVEN!

THE ORIGINAL "POND LOOP IN A PACKAGE"
UNMATCHED IN PERFORMANCE AND QUALITY



Contractor's choice, world-wide, for renewable energy exchange
with geothermal heat pumps or water cooled refrigeration.



Slim Jim® Geo Lake Plate® “Pond Loop in a Package”

- The Lake Loop of Choice for Fluid to Fluid Heat Transfer in Water Cooled Equipment - A/C, Heat Pumps, Refrigeration, Etc. (Lakes, Ponds, Rivers, Oceans).
- 304 Stainless Steel, 316L Stainless Steel or Titanium - Spot & Roll Welded
- Compact Footprint
- Easy to Install - Easy to Flush - Labor Friendly
- No Limit to Job Size - Single to Multiple*** Units

SPECIFICATIONS - US & SI Units

MODELS DESCRIPTIONS	DIMENSIONS	Pressure Drop (Approx.)		Volume (Approx.)	Weight (Approx.)	
		(Approx.)			Water	304 & 316L SS
SJ = 304 SS	US	GPM @ ΔP psig		Gallon	Pounds	Pounds
GLP = 316L or TITANIUM SJ / GLP -02T	2' X 5' X 3/8" 0.61 m X 1.83 m X 9.53 mm	6.0 GPM @ 3.0 psig (8.77 FT HD (26.20 kPa) (0.26 BAR))		1.2 gal 4.54 l	23.13 lbs. 10.50 kg	28 lbs. 12.70 kg
SJ / GLP -03T	4' X 5' X 3/8" 1.22 m X 1.52 m X 9.53 mm	9.0 GPM @ 3.0 psig (6.92 FT HD (20.68 kPa) (0.21 BAR))		2.0 gal 7.57 l	90 lbs. 40.82 kg	46 lbs. 20.87 kg
SJ / GLP -04T	4' X 6' X 3/8" 1.22 m X 1.83 m X 9.53 mm	12.0 GPM @ 4.5 psig (10.38 FT HD (31.03 kPa) (0.31 BAR))		2.4 gal 9.08 l	110 lbs. 49.90 kg	55 lbs. 24.95 kg
SJ / GLP -05T	4' X 8' X 3/8" 1.22 m X 2.44 m X 9.53 mm	15.0 GPM @ 6.0 psig (13.84 FT HD (41.37 kPa) (0.41 BAR))		3.2 gal 12.11 l	145 lbs. 65.77 kg	74 lbs. 33.57 kg
SJ / GLP -05TC	2' X 15' X 3/8" 0.61 m X 4.57 m X 9.53 mm	15.0 GPM @ 4.5 psig (10.38 FT HD (31.03 kPa) (0.31 BAR))		3.0 gal 11.36 l	138 lbs. 62.60 kg	70 lbs. 31.75 kg
SJ / GLP -08T	4' X 12' X 3/8" 1.22 m X 3.66 m X 9.53 mm	24.0 GPM @ 5.5 psig (12.69 FT HD (37.92 kPa) (0.38 BAR))		4.8 gal 18.17 l	220 lbs. 99.79 kg	110 lbs. 49.90 kg
SJ / GLP -10T	4' X 15' X 3/8" 1.22 m X 4.57 m X 9.53 mm	30.0 GPM @ 9.0 psig (20.76 FT HD (62.05 kPa) (0.62 BAR))		7.0 gal 26.50 l	275 lbs. 124.74 kg	138 lbs. 62.60 kg

Inlets/Outlets = NPS 1 1/4" MPT (Male Pipe Thread) (DN 32 mm)

(Specifications Subject to Change without Notice)

SJ / GLP Legs - (SHORT) -	3' (0.91 m) in Length, Provides 12" (304.80 mm) Clearance from Bottom. Use with 02T and 05TC Models
SJ / GLP Legs - (TALL) -	5' (1.52 m) in Length, Provides 12" (304.80 mm) Clearance from Bottom. Use with 03T, 04T, 05T, 08T and 10T Models

***Multiple plates of like capacity can be manifold in field with polyethylene pipe to accommodate larger loads. Or, we can custom build (pre-manifold multiple plates) with headers equipped with flange connections (single point hookups), reinforced frame with legs on skids to stand off bottom (special quote required).

IMPORTANT: SJ / GLP Plates are Rated in HEAT OF REJECTION (HR) - COOLING

Example: 4 Ton (14.07 kW) Heat Pump would Require SJ/GLP-05T plate in Cooling Dominate Application
Each 12,000 Btu (3.52 kW) of Cooling Rejects Approximately 15,000 Btu (4.39 kW) Heat



HEATING DOMINATE APPLICATIONS (HE) REQUIRE MORE PLATE SURFACE AREA
CAUTION - For Final Sizing Selection Assistance, contact AWEB Supply or Authorized Distributor



Flow Rate: 3 gpm (0.189 l/s) per ton (3.52 kW) equipment.

Approx. (HR) Heat Transfer Rate**: 100 BTU/Ft² (567.83 W/(m².°C) transfer surface of plate per degree DeltaT in still body of water.

Both sides of plate are exchanger surface. (Note, any current accentuates performance greatly and allows for closer grouping of multiple plate assembly – such as river applications). **Shallow bodies of water AND colder climates will require additional plate capacity for heating.

Example:	SJ-05T Plate 4' X 8' X 2 = 64 ft ² 64 X 100 = 6,400 6,400 X 10 ΔT°F = 64,000 BTU approx. HR	SJ-05T Plate 1.22 m x 2.44 m x 2 = 5.95 m ² 5.95 m ² x 567.83 W/(m ² .°C) = 3,380.633 3,380.633 x 5.5556 ΔT°C = 18.7814 kW approx. HR
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Alternative Heating and Cooling Ltd

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