Smart, Simple, PROVEN!

The ORIGINAL “POND LOOP IN A PACKAGE”

Unmatched In Performance & Quality
The Original
“POND LOOP IN A PACKAGE”

Compact, Pre-Sized & Assembled

SLIM JIM® FAMILY OF PLATES

- Proven Design
- Proven Pressure Drops
- Proven Performance

1 SJ-10T  2 SJ-08T  3 SJ-05T  4 SJ-04T  5 SJ-03T  6 SJ-02T  7 SJ-05TC
What is a Slim Jim®/Geo Lake Plate®?

A simple, labor-friendly alternative to polyethylene pipe (lake loops) for fluid to fluid heat transfer in any water-cooled equipment when a body of water can be utilized (ponds/lakes, rivers, oceans, waste water retention ponds, waste water treatment plants, etc.).

- Easy to install (labor friendly)
- Easy to flush
- No limit to job size - single to multiple units
- Available in 304 SS – Slim Jim®, 316L SS & Titanium – Geo Lake Plate®.
- Third Party Tested by Ewbank & Associates
Must stand vertical and be supported off the bottom – out of silt or mud

and, the body of water must be adequate to handle the load!
Size Does Matter!

We Need Input!
Slim Jim® makes installation of GeoExchange in Ponds or Bodies of Water as Simple as it gets!

5 Tons (HR)
SJ-05T
Little Fusion Required
...or No Fusion
Single Plate Application

4 Tons (HR) SJ-04T

Economical Stabilizer and Legs – PVC Pipe
Single Plate Installation

SJ-05T
5 Tons (HR) –
SJ SS Legs (Optional)
Multiple plates of like capacity can be manifold in field with PE pipe to accommodate Shallow Pond Applications.

6 Tons (HR)
3 @ SJ-2T plates
Multiple plates of like capacity can be manifold in field with PE pipe to accommodate Larger Loads

32 Ton (HR)  
4 @ SJ-08T Plates
16 Ton (HR)

2 @ SJ-08T Plates
16 Ton(HR)
No Manifold

2 @ SJ-08T Plates
24 Tons (HR) Total –
3 @ 8-Ton(HR) Circuits

6 @ SJ-04T Plates
Or, AWEB can custom build assemblies with frame on skids, manifolds and flange connections.

- 24 Ton(HR)
- 3 @ SJ-08T Plates
- 2” Manifolds
- 2” Flange Connections
4 Tons (HR)

2 @ SJ-02T Plates
Pipe Thread Connections
6 Tons (HR)

3 @ SJ-2T Plates
Low Profile –
Shallow Pond
16 Ton(HR)
2 @ SJ-08T Plates
30 Tons(HR)
6 @ SJ-05TC (Low Profile)
40 Tons (HR)
4 @ SJ-10T Plates
40 Tons(HR) Total
Two 20-Ton(HR) Circuits

4 @ SJ-10T Plates
50 Tons (HR)
5 @ SJ-10T Plates –
Special Manifold
50 Ton(HR)
5 @ SJ-10T Plates – Special Manifold
60 Tons(HR) Total
Geo Lake Plate® - Titanium

6 @ GLP-05TC (Titanium) Plates per Assembly
70 Tons (HR)
7 @ SJ-10T Plates
70 Tons (HR)
14 @ SJ-05TC Plates - Extended Legs
80 Ton(HR)
10 @ SJ-08T Plates
110 Ton(HR)
11 @ SJ-10T Plates
120 Tons(HR) Total
3 @ 40 Tons(HR)
120 Tons (HR) Total

Each Assembly – 8 @ 10T Plates
200 Ton(HR) w/Deflector
River Application – 20 @ SJ-10 Plates
Versatility!

Two SJ-02T plates anchored to a floating home
Versatility for Space Limitations!

Low Profile – 15 Ton(HR)
Geo Lake Plate® - Titanium for Salt Water Applications

Aquarium Project
BC, Canada
15 Tons(HR) River Application

3 @ SJ-05TC Plates Special Manifold

Deflector
15 Tons (HR)
River Application Installation
32 Ton(HR) Total
Two 16 Ton(HR) Circuits

Marine Safety Station – Chicago, IL
96 Ton(HR) - Wisconsin

Pine Haven Christian Home
Wisconsin
160 Tons (HR)
Two 80 Ton (HR) Slim Jim® Assemblies - OHIO
Perfect Cooling Tower

Three Pillars Assisted Living Facility – Wisconsin – 200 Ton (HR)
Single SJ-05T Slim Jim®
Quebec, Canada

SJ-05T Slim Jim® piped up - Legs being attached for installation

Slim Jim® plate floated out to installation site

Slim Jim® plate in position to be submerged
Floating Home Application
British Columbia, Canada

Two SJ-02T (304SS) plates mounted directly to the concrete float and piped into the mechanical room. The top of the plates are 16” below the water surface.

Floating home being launched

Home being floated to new home site

Home Site - New Westminster, British Columbia, Canada on the Fraser River
40 Ton(HR) Installation
Baton Rouge, LA
Dewey Short Visitor Center
Table Rock Lake, Missouri
David Crockett State Park
120 Tons(HR) Total

Two 60 Ton(HR) Slim Jim® exchangers are installed at David Crockett State Park

Exchangers being moved to installation site

Connecting the HDPE pipe to the Slim Jim® exchangers

Lowering the SJ exchanger into the water. Stabilizers (PVC pipe capped on ends) allow the unit to float at the surface for positioning before flushing

Flushing has begun - the exchangers descend to the bottom as they are filled with water. The stabilizer is not removed after flushing is complete.

Installation Complete!
Bangor Delta Pier – US Navy

Converted to Geo-Exchange with Geo Lake Plate®
Forks Market Project
Winnipeg, Manitoba Canada –
400 Tons(HR) Total Project
31st Street Harbor, Chicago – 550 Tons HR Slim Jim®
Largest Geo Lake Loop System in Europe
Kings Mill Hospital - Mansfield, England
10.5 MegaWatt Capacity - 1400 Ton Slim Jim® Project
7 @ 200 Ton(HR) Slim Jim® Assemblies Installed
Slim Jim® Assembly floated out to installation site
1 of 7 200-Ton Slim Jim® Assemblies
Kings Mill Hospital, Mansfield, England
Illustration of Installed Slim Jim® Assembly

Kings Mill Hospital Project
Kings Mill Hospital – Mansfield England
Just Add Water!

Eden Meadows (Lutheran Homes of Oshkosh), Oshkosh, Wisconsin – 110 Ton(HR) – Completed Project
Thank You

Questions?