

LIEBERT LARGE SYSTEMS

Please complete this form and return to ThermFlo at startups@thermflo.com so that the start-up can be scheduled. If you have any questions on the installation, email us. We want to you to do a great job installing.

IMPORTANT!

At the time of start-up, it is required that:

Installing Contractor:

- The installing contractor must be on site and ready to assist in the start-up.
- Installing Contractor is responsible for opening all valves and powering up units.
- Liebert manuals must be used to ensure proper installation and start-up of the unit, then given to the end-user as reference for proper maintenance and operation in the future.

Refrigerant / POE Oil

- If refrigerant is needed, it must be on site and ready to be used. We do not provide or install refrigerant or POE oil. To calculate your refrigerant charge and POE oil charge, please reference installation manual.

Reschedule Fee:

- If your technician(s) are still completing work when we arrive on site to complete Start Up, we will deem your equipment not ready for Start Up and you will be subject to the reschedule fee.

If the equipment is not ready when the tech arrives on site for start-up (see installer checklist on pg. 3), there will be a **\$350.00** charge to reschedule. Purchase order or credit card information must be provided before the start-up can be rescheduled.

Requested Start-Up Date:

Start-ups must be scheduled with a start time of 8:00 A.M., Monday through Friday, with at least 72 hours notice. Overtime rates will apply for start-ups performed outside of business hours.

Safety Requirements:

- High Visibility Safety Vest Hard Hat Safety Training or Building Orientation Certificate of Insurance

Additional Information:

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Installing Contractor Information (Required)

Company Name:	Requested By Name:	On-Site Contact Name:
<input type="text"/>	<input type="text"/>	<input type="text"/>
Company Address:	Requested By Phone No:	On-Site Contact Phone No.:
<input type="text"/>	<input type="text"/>	<input type="text"/>
City, State, Zip:	Requested By Email:	On-Site Email:
<input type="text"/>	<input type="text"/>	<input type="text"/>

Site/Owner Information and Location of Unit (Required for Warranty Registration and Maintenance)

Site Company Name:	Unit Location:	
<input type="text"/>	<input type="text"/>	
Site Address:	Contact Name:	Contact Phone No.:
<input type="text"/>	<input type="text"/>	<input type="text"/>
Site City, State, Zip:	Contact Email:	
<input type="text"/>	<input type="text"/>	

Sales Order No.	Unit Model	Model No.	Serial No.
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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TFI Liebert Small Systems.20170609

SERVICE | DESIGN-BUILD | SPECIAL PROJECTS | THERMAL MANAGEMENT | ELECTRICAL AND STANDBY POWER

THERMFLO, INC | 875 BUSCH PARKWAY, BUFFALO GROVE, IL 60089 | PHONE 847-541-0029 | FAX 847-541-0272 | THERMFLO.COM

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Installer Checklist

Inspect and Confirm the Following Has Been Completed Per Installation Manual:

General:

- | | | | |
|--|--|--|---|
| <input type="checkbox"/> Power wiring to units and condensers is complete | <input type="checkbox"/> Leak detection is wired | <input type="checkbox"/> Water supply to humidifier is connected | <input type="checkbox"/> Proper access to the unit is ensured |
| <input type="checkbox"/> Control wiring to wall box controller is complete | <input type="checkbox"/> Unit(s) installed per installation manual | <input type="checkbox"/> Drain piping is complete | |

Air-Cooled Units:	Glycol Units:	Water-Cooled Units	Chilled-Water Units:
<input type="checkbox"/> Control/interlock wiring to condensers is complete	<input type="checkbox"/> Control/interlock wiring to the units, dry coolers and pumps is complete	<input type="checkbox"/> Condenser water supply and return piping has been connected	<input type="checkbox"/> Chilled water supply and return has been connected
<input type="checkbox"/> Refrigerant piping has been leak checked, evacuated and charged	<input type="checkbox"/> Glycol piping installed, has it been leak checked, evacuated and charged? (If applicable)	<input type="checkbox"/> Valves are ready to be opened	<input type="checkbox"/> External pumps have been started and tested
<input type="checkbox"/> Refrigerant piping has been leak checked, evacuated and charged to at least 80%	<input type="checkbox"/> Supply, return piping and the dry coolers are filled with Glycol and vented	<input type="checkbox"/> External pumps have been started and tested	
<input type="checkbox"/> Additional refrigerant on site & accessible to Start-Up technician			

Other Products Installed At This Site:

- Water Detection Condensate Pumps

Order Options That Require Programming

- | | | |
|--|--------------|----------------------|
| <input type="checkbox"/> Programming of IS-Unity Cards | # Of Cards | <input type="text"/> |
| <input type="checkbox"/> CMS Card | | <input type="text"/> |
| <input type="checkbox"/> Auto Changeover Panels | # Of Panels: | <input type="text"/> |
| <input type="checkbox"/> *VNSA Network Switch | # Of Units: | <input type="text"/> |
| <input type="checkbox"/> *Unit Networking | | |
| <input type="checkbox"/> Testing and Commissioning | | |

* Network cabling must be installed prior to programming. We do not install cabling or connectors.

Special Instructions:

Owner Training Information

Site Contact:

Phone Number

Email:

When would you like to schedule training?

Date

Time

Thank you!

ThermFlo Service Coordinators | Phone: 847-353-5353
Please send completed form to: startups@thermflo.com

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