



Site Readiness Checklist

Document Number: IN-001-03375

CPP Document Number: GRC-CPP-F-01-20

Customer Contact Information

Company	
Installation Location Address	
Primary Contact Name	
Primary Contact Phone	
Primary Contact Email	

PROPRIETARY NOTE

THIS DOCUMENT CONTAINS INFORMATION CONFIDENTIAL AND PROPRIETARY TO GREEN REVOLUTION COOLING AND SHALL NOT BE REPRODUCED OR TRANSFERRED TO OTHER DOCUMENTS OR DISCLOSED TO OTHERS OR USED FOR ANY PURPOSE OTHER THAN THAT FOR WHICH IT WAS OBTAINED WITHOUT THE EXPRESSED WRITTEN CONSENT OF GREEN REVOLUTION COOLING.

Copyright © 2023 Green Revolution Cooling, all rights reserved.

TABLE OF CONTENTS

1.0	Introduction.....	2
1.1.	Purpose	2
1.2.	Scope.....	2
1.3.	Contact Information.....	2
2.0	Facility Requirements	3
3.0	Coolant.....	3
4.0	Facility Water.....	4
5.0	Facility Power	5
6.0	IT Requirements	5
7.0	Customer Responsibility for Delays	6
8.0	Acceptance.....	7

1.0 Introduction

1.1. PURPOSE

This Site Readiness Checklist is to be completed and validated by GRC's Customer (the "Customer") in preparation for the installation of GRC equipment (the "GRC Solution"). which may include:

- (a) Site readiness for the GRC Solution components and liquid coolant to be shipped and stored at the Customer's installation location; and
- (b) Site readiness for the GRC Installation Team to perform its installation activity, including equipment in place, adequate space, chilled water infrastructure, electrical infrastructure, network access and related items.

1.2. SCOPE

The installation scope includes all components identified as part of the GRC Solution, which may include ICEraQs, Micros, HashRaqs, and related equipment.

1.3. CONTACT INFORMATION

For questions or clarification of the contents of this document please contact support@grcooling.com.

2.0 Facility Requirements

Requirement	Response
Were you provided with the GRC New Customer Installation Preparation Guide? If not, contact your Sales representative as it includes information important to the success of your implementation.	
All permits and approvals must be in place prior to the arrival of the equipment.	
The customer is responsible for ensuring that the floor on which the system(s) will be installed is level <3/16" (5 mm) rise over 10' (3 m) travel (raised floor compatible), <0.1" (<2.54 mm) average height change over 84" (2.13 m). One method to ensure a level floor is using an 8-foot (2.44 m) box level.	
Confirm that the floor in the installation location meets required floor-loading requirements stated in the Engineering Submittal.	
Who are the onsite personnel to assist in the installation and receive training listed in the GRC New Customer Installation Preparation Guide? Provide the names, phone numbers, and email addresses of each.	
What are the specific facility access requirements? (Sign-in, badges, keys, pass codes, escorts, parking)	
Is there a hardware store nearby?	
Is there a convenience store or restaurant nearby?	

3.0 Coolant

Requirement	Response
The Customer is responsible for obtaining and reviewing the Coolant Safety Data Sheet (SDS) and identifying any risks to the Installation Team.	
Are there facility specific requirements related to the coolant deployment?	

4.0 Facility Water

Requirement	Response
Water connections: Underfloor or ceiling?	
Confirm that water source matches the specification in the Engineering Submittal.	
Confirm that flow rate matches the specification in the Engineering Submittal.	
Customer is responsible for providing a qualified/licensed plumber for all facility water routing, delivery, and connections.	
Are the necessary bypass loops in place on the water lines?	
Will the GRC Solution be installed in a Data Center? If not, specify the location (storage, facility, test facility, storage room).	
Is there a chilled water source available for the specified installation location?	
Has the chilled water source been treated with the proper inhibitors in accordance with the Engineering Submittal?	
Are water pipes located and functional per drawing with a manual isolation valve nearby? Is water flowing, pipes flushed, is there adequate water circulation or is an additional pump required for your installation? (Reference Engineering Submittal for specific requirements or consult your Solution Architect).	

5.0 Facility Power

Requirement	Response
Electrical connections: Underfloor or ceiling?	
Customer is responsible for providing a qualified/licensed electrician available for all facility power routing, delivery, and connections.	
Confirm that electrical power for the GRC Solution be available on the day of installation.	
Is there a standard power outlet within 50 feet of the point of installation for power tools, vacuum, etc.?	

6.0 IT Requirements

Requirement	Response
Will access be available for remote diagnostics and system alerts?	
Where will the Systems Manager be installed?	
The Customer is responsible for providing three static IP addresses; one for the PLC and two for the Systems Manager.	
The Customer is responsible for providing and installing networking hardware and cabling.	
An IT expert must be available onsite during and after installation to support hardware and network setup.	

7.0 Customer Responsibility for Delays

Depending on the GRC Solution being installed, the time required can vary from a single day for Micros to several days for an ICeraQ Flex, Duo, or Quad. For an ICeraQ Duo, the installation may follow the timeline similar to the example below. The actual timeline will be coordinated with the GRC Installation Team:

- Day 1 – Solution inventory and major component placement
- Day 2 – Installation and coolant fill
- Day 3 – Testing and commissioning

For any delays in the agreed to timeline caused by the customer that extends the installation beyond the mutually agreed to timeline, the Customer will be billed \$1000 per day per resource while onsite, \$100 per hour per resource for travel, plus associated travel expenses such as change fees, etc.

8.0 Acceptance

The client signature below verifies that the terms of this Site Readiness Checklist are complete and accurate. GRC reserves the right to charge a reasonable and customary fee for any costs incurred due insufficient or erroneous information supplied on this checklist.

The parties hereto are each acting with proper authority by their respective organizations.

Customer Name

Green Revolution Cooling, Inc.

Full name

Full name

Title

Title

Authorized Signature

Authorized Signature

Date

Date

REVISION HISTORY

Owner	General Statement of Change	Checked	Approved	Date	Version
David Robinson	Initial release	Kevin Goad	Bill Kribbs	06/01/23	A00
David Robinson	Added coolant section	Kevin Goad	Bill Kribbs	12/04/23	A01