

What the screen shows: Displays real time system information, and shows the interaction of multiple system conditions

This screen looks at the system conditions, and can help with diagnostics, system performance, or just offer peace of mind that the system is running properly.



## Settings

What the screen shows: The Settings page contains controller configuration for email and web access.

It also allows installers to customize the MasterView with their company information. The Settings page includes the buttons to update the controller, reset power to the controller, send a test e-mail, clear data collected, and clear alarms. If the optional Data key was purchased, it is activated on this screen.

• Cı di	ustomer information is isplayed		Customer may input their company information	User defines controller location for future access and alarm notifications		
	Surve	eillant De	mand Defro	st Evaporator Co	ontrol	
L		1.0.40 Location: (Set Location) 0:04:A3:77:2A:A3				
For help in setting up an email account see bulletin Q.5.3 Establishing Gmail. Use to verify proper email configuration. Used for installations where only dynamic IP addresses are available. Should only be used on applica- tions of 2 controllers or less. Provides a domain name to a dynamic IP address i.e. XYZ123.dyndns.org.	Alert Notifications          Email Server:       B         User Name:       B         Password:       B         Address for Alerts:       B         Alerts Subject:       B	Basic (Port 2 💌 Test Email Submit	Location Setting Business Name: Phone Number: Location:	KE2 Therm Solutions (888) 337 3358 (Set Location)	Firmware Bootloader 20302V3.0 Controller Reset	<ul> <li>Update firmware. Refer to Q.5.6 KE2 Bootloader Guide.</li> <li>Remotely reboots the controller.</li> </ul>
	Dynamic DNS         Provider:       DynDNS.org         Host Name:         DDNS Type:       Custom         User Name:         Password:         Update Interval:       0		Log Key Activation Current Key: HPHY-F9BY-GVHY Time Remaining: 181 Days 22 Hrs Activation Key:		Logs Clear Alarms Clear	Removes all data stored by controller. Do not use unless instructed to by KE2 Therm. Resets controller's alarms and alarm conditions for 60 minutes.
	Home Page Settings Netw	vork Setpo Ba: Ad	oints Sa sic (Port 25) Ivanced (Port 465)	<ul> <li>Clicking Activate sta the data logging key</li> <li>Unlocks 30 days of opera of 17 variables. See Q.5.1.</li> <li>Greyed out functions requir Login or may not currently</li> </ul>	Login Arts Require y. Make of Setting Setting See par 3. re user to be applicable.	ed to changes to is page. ge 4.

What the screen shows: The Login feature prevents unauthorized access to the controller. The user must enter the password to make changes to the Settings page, Network page, and Setpoints page.



What the screen shows: Enables the user to Bond the KE2 Evap for multiple evaporator applications, and provides setup for adding controllers to an existing network.

	IP Address: MAC Address		0.1.0.40 Location: (Set Location) 00:04:A3:77:2A:A3						
IP Address may be changed to match the onsite network. Typically the subnet mask, gateway and primary DNS should also be changed. (Reset is required to "set" the IP.	Controller #1 Controller Name: Mac Address: IP Address: Controller #2 Controller Name: Mac Address: IP Address:	Evaporator 00:04:A3:77:2A:A3 10.1.0.40 00:00:00:00:00:00 0.0.0.0	Bond State: Group 1 • Bond State:	Controller #5 Controller Name: Mac Address: IP Address: Controller #6 Controller Name: Mac Address: IP Address:	00:00:00:00:00:00 0.0.0.0	Bond State: Bond State:	Controller Network Subnet Mask: 255.255.0.0 Gateway: 10.10.255.254 Primary DNS: 10.10.255.254	<ul> <li>Network settings may be changed to match customer's environment.</li> <li>Discover finds all of the KE2 Evap controllers located on the network. The information then populates the appropriate spaces on the page.</li> <li>Once discovered, Bond creates a link between controllers that coordinates the refrigeration and defrost cycles. When bonding, user</li> </ul>	
	Controller #3 Controller Name: Mac Address: IP Address:	00:00:00:00:00 0.0.0.0	Bond State:	Controller #7 Controller Name: Mac Address: IP Address:	00:00:00:00:00:00	Bond State:	Discover		
	Controller #4 Controller Name: Mac Address: IP Address:	00:00:00:00:00	Bond State:	Controller #8 Controller Name: Mac Address: IP Address:	00:00:00:00:00:00 0.0.0.0	Bond State:	Bond/Unbond Save/Group		
	Home Page       Settings       Network       Setpoints         Select the controllers the user wants to bond.       Group 1 = will be bonded blank = not bonded       Group 1 = will be bonded         Network information may only be changed while the controller is not       Network information may only be changed while the controller is not						Login Clears all fields Prevents u access to t User must to make ch	aves bonded grouping. Controllers nust be Grouped before they are bonded. unauthorized the controller. st enter password changes to the	

## Setpoints

What the screen shows: Allows the user to setup the controller, and to customize the controller to meet specific application needs.

The three primary setpoints – Room Temp, Defrost Type and Valve Type are in the gold boxes. Only these three are necessary for the controller to begin normal operation.

IN YELLOW: Three setpoints needed for the controller to begin system operation.

• Electric Air Hot Gas - Comp On Hot Gas - Comp Off

R-404A • R-507		IP Address: 10.1.0.40 MAC Address: 00:04:A3:77:2A:A3	Location: (Set Location)	<ul> <li>Disabled 2nd Temp Door Switch Ext Alarm Defrost Interlock* Defrost Lockout* Syst Off Light Switch** * DI 2 &amp; 3 only ** DI 3 only</li> <li>Active when Open (i.e. door open) Active when Closed</li> </ul>
R-407A R-407C R-422A R-422D R-134a R-22 R-717 R-438A R-408A R-409A R-409A R-407F R-410A R-744 Managed Permanent On w/Compressor Fahrenheit Celsius Warmest Air Average Air Mechanical (default) KE2 SER/SEI 1- 20 SER B - L SEI30 SEI50 SEH ETS 12 - 50 ETS 100	Refrigeration         Room Temp:       -10.0 F         Refrigerant:       R-404A         Min Comp Runtime:       2 min         Min Comp Offtime:       5 min         Air Temp Diff:       1.0 F         2nd Room Temp:       -50.0 F         Aux Temp 1:       T1 Suction Temp         Aux Temp 4:       T4 Coil Temp         Aux Temp 4:       T4 Coil Temp         Aux Temp 4:       T4 Coil Temp         DAC Fan:       0.0 %         Temp Units:       Fahrenheit         - Multi Air Tmp Ctrl:       Warmest Air         Valve Type:       KE2         Valve Type:       8.0 F         Max Oper Press:       150.0 psi         Motor Step Rate:       200         Max Valve Steps:       1300	Defrost       Electric         Defrost Type:       50.0 F         Defrost Term Temp:       50.0 F         Defrost Parameter:       Image: State in the image: Sta	Digital Inputs         Dig In 1 Mode:       Door Switch       Dig In 1 State:       Closed         Dig In 2 Mode:       Disabled       Dig In 2 State:       Closed         Dig In 3 Mode:       Disabled       Dig In 3 State:       Closed         Sensor Offsets       0.0 F       PID         Air Temp Offset:       0.0 F       Proportional:       Integral:         Suct Pressure Offset:       0.0 F       Aux Relay       Alarm Re         Suct Temp Offset:       0.0 F       Aux Relay       Alarm Re         Aux Temp Offset:       0.0 F       Aux Relay       Alarm Re         Hi Temp Alarm Offset:       10.0 F       Hode:       Alarm Re         Hi Temp Alarm Delay:       60 min       Low Temp Alarm Offset:       4.0 F         Low Temp Alarm Delay:       10 min       Door Alarm Delay:       30 min         Manual Control       Current Mode:       Go To:       Drain	
ETS 250/400 Carel Custom	Home Page Settings	Network Setpoints Graphs	Restore	changes. If manual control is necessary, refresh the page before going to the payt
		Off Shared On Not Shared	Pulse Demand Permanent Schedule Runtime Synchronized Independent	system mode.

## **Graphing Snapshot**

What the screen shows: The Graphing Snapshot shows the past seven days of Room Temp and Coil Temp readings, as well as the number and duration of defrost cycles. It is an essential tool for system analysis and troubleshooting.

The experts at KE2 Technical Support can help troubleshoot your system using this information.



\* Requires Data Key activation after 6 month free trial.



HEAT TRANSFER PRODUCTS GROUP 201 Thomas French Drive Scottsboro AL 35769 Ph: 256-259-7400 www.htpgusa.com