Quick Use Guide for RDM Touch Screen Data Managers

Which Circuits are Running Poorly? → Using **TPI**

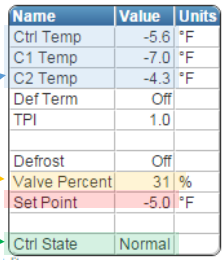
The TPI Summary gives a quick indication of case performance. The score is based on the set-point, differential, over-temperature alarms and under-temperature alarms. A score of 1 (green) equates to a good performance, a score of 10 (red) equates to a poor performance.

Device	Description	Value	Status	Rack	TPI
A-01	A-01 13 Drs Ice Cream	-6.4	Normal	1	6.5
A-02	A-02 15 Drs Frozen	-4.3	Normal	1	1.0
A-03	A-03 3 Drs Frozen	-2.0	Normal	1	1.0
A-04	A-04 Grocery WI Freezer	21.0	Alarm	1	8.7
A-05	A-05 12ft Frozen Meat Island	-12.1	Normal	1	1.0

6.5 = poor performing case
1.0 = well performing case

8.7 = poor performing case

How do you Check the Set Points of a Circuit?



1. Scroll down the Device List and touch the Device Item to connect to it.
2. Opening screen shows the case temp for the last hour and the monitored values.
   a. View all case temperature sensors. Ctrl Temp is the average
   b. View stepper valve open position
   c. View Circuit Control Set Point
   d. Control state tells you if its normal operation or in defrost
   e. Click on the 'spy glass' to view all set points, including alarm parameters.
   f. Click on the 'gear' to make any set point change. You will need your password. Logging begins.
   g. Click on the 'bell' for a listing of all current and all historical alarms on this device.
3. Return to the home screen by pressing the 'home' button at the bottom of the screen

How do you Invoke a Circuit Defrost?

1. Navigate to the desired case. See instructions above.
2. From the monitoring screen, press the defrost button.
3. You will be asked to login with your user name and password to identify you.
4. Once entered (case specific)…
   a. Defrost begins for a pre-programmed time period
   b. Logging begins, identifying you as the one who initiated the defrost
   c. Defrost can stops after defrost time runs out.

How to Plot the Past 24 Hours

1. Navigate to the desired device. See instructions above.
2. From the monitoring screen, press the plotting button on the right
3. A graph appears, showing the first value for the past 24 hours.
4. Click on 'Select Trace' to choose other items to plot. Circuit Set Point and Valve Percent are interesting.
   a. Click on any value to add. Click on any highlighted value to eliminate from plot.

Checking any Protocol Set Point

1. Navigate to the desired Protocol. See instructions above.
   a. Click on the 'spy glass' to view all set points, including alarm parameters
   b. Click on the 'gear' to make any set point change. You will need your password. Logging begins.
   c. Click on the 'bell' for a listing of all current and all historical alarms on this device.

THE DATA MANAGER MANUAL CAN BE PULLED UP BY CLICKING THE HELP KEY