

## **tech** assist Refrigeration Rack Performance Report

A This is a beta pre-release version of this report and is provided for your review and feedback. It is possible that certain information contained within this analysis may be incorrect or missing. If you discover information that you believe is incorrect, or if you have general feedback on the design of this report, we would like to hear from you at: support@techassist.app - Thank you.



**Supercenter** 

Region: NE / IA / NE KS(51)

IOT

Market: 418

Business Model: CBRE





% cases in target

Average case offset°

#### Details:

Num Circuits	13
Num Cases	31
Num Cases in Target	21
Num Compressors	4
Num Compressors in Lockout	0
Average Suction Pressure	88.4
Average Discharge Pressure	162.7

#### Compressors:

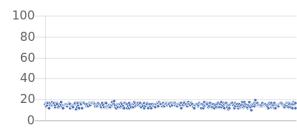
Id	Run Time	<b>Lockout Status</b>	Avg Output
1	100%	-	7.67 <sub>A</sub>
2	72.1%	-	10.03 <sub>A</sub>
3	6.16%	-	9.07 <sub>A</sub>
4	100%	-	15.95 <sub>A</sub>

#### Circuits:

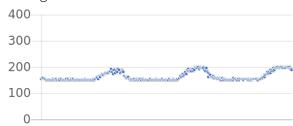
<b>6</b> :	N 6	" <b>: -</b>	A OSS40	Cara Danfanna
Circuit	Num Cases	# in Target	Avg Offset°	Case Performance
b6	2	0	6.17	<ul><li>b6a ● b6b</li></ul>
<b>b</b> 7	2	1	3.27	<ul><li>b7a ● b7b</li></ul>
b2	3	1	2.64	<ul><li>b2a </li><li>b2b </li><li>b2c</li></ul>
b4	2	1	2.48	<ul><li>b4a </li><li>b4b</li></ul>
b10	4	2	2.3	● b10a ● b10b ● b10c ● b10d
b12	6	4	2.27	● b12a ● b12b ● b12c ● b12d ● b12e ● b12f
b9	2	2	1.86	● b9a ● b9b
b1	4	4	1.66	<ul><li>b1a ● b1b ● b1c ● b1d</li></ul>
b8	1	1	1.44	● b8
b13	1	1	1.28	● b13
b3	1	1	1.23	● b3
b5	2	2	1.13	● b5a ● b5b
b14	1	1	0.97	● b14

## Rack Telemetry (Last 72 hours)

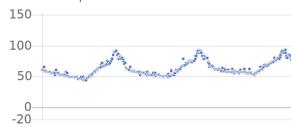
#### Suction Pressure Sensor



#### Discharge Pressure Sensor



#### Outdoor Temperature Sensor



#### Receiver Float Switch Feedback



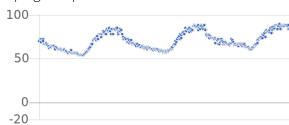
#### Receiver Pressure Relief Status



Condenser Fan Vfd Panel Temperature Sensor



#### Dropleg Temperature Sensor



### Underperforming Refrigeration Cases point)

(Showing bottom 3 listed by greatest offset from target set point)

Case	Rack	Time in Target	Avg Temp	Target Temp	Temp Offset	Class	Model
b6b	ltb	0%	-7.1°	-14.0°	6.9°	low temp door frozen food	Hussmann FWE
b6a	ltb	0%	-8.5°	-14.0°	5.5°	low temp door frozen food	Hussmann FW-12 U

Case	Rack	Time in Target	Avg Temp	Target Temp	Temp Offset	Class	Model
b7a	ltb	0%	-8.8°	-14.0°	5.2°	low temp   coffin   frozen food	Hussmann FW-12 U

# Rack Work Order History (Previous 30 days as of: 09/21/2020)

Date Created	Work Order ID	Status	Problem	Description	Assets Referenced
09/12/2020	148210050	COMPLETED 09/14/2020	P1- Onsite W/I 24 Hours	/ FM - REFRIGERATION / Case - Self Contained / High Temperature / Raised By Kaden Holmes Job Type: Refrigeration Contact: email Position: N Assig	b2a b2b
09/11/2020	148154195	IN PROGRESS  Dispatch Confirmed 11 days old	P1- Onsite W/I 24 Hours	DELI/MEAT / Refrigeration / Case - Coffin/Bunker / Iced Coil / Please provide the case label number: LTB-10C / Have you reviewed the DIY prior to submitting this work order request?: Yes / This bunker LTB-10C keeps having iced coils. We have had to enter this specific bunker about once a month and we really need to resolve this issue before our holiday season.	ltb b10c
08/25/2020	146659913	IN PROGRESS  Parts On Order  28 days old	P1- Onsite W/I 24 Hours	/ FM - REFRIGERATION / Case - Automation Single / High Temperature / AUTOMATED WORK ORDER. Job Type: refrigeration Assigned To: 10101 Units Affected: 1 Problem Type: High Temperature Systems Affected: B2a I/CRM DRS 33.5° Manual Comment: N/A	b2a b2b