CONDITION ASSESSMENT · PURCHASE DUE DILIGENCE

Baskin-Robbins *Union City*

Refrigeration, walk-in freezer and rooftop HVAC

Prepared for **Raheem Panjwani**

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Inspection dates: **October 14 and October 16, 2026**

EXECUTIVE SUMMARY

What matters most

01

Rooftop HVAC warrants a replacement assessment

HVAC 1 cools below expectations and does not heat. HVAC 2 starts in both modes, but damaged condenser fins and dirty filters prevent a satisfactory performance assessment. Consider replacement of both units after repair-versus-replacement review.

02

Walk-in enclosure needs specialist investigation

Heavy interior ice, wet line insulation and staining suggest air or moisture infiltration. Concealed panel damage remains suspected. Evaluate sealing, insulation and the enclosure before deciding whether repairs or a rebuild are needed.

03

Unit 7 needs priority temperature verification

Clean the condenser, replace the door gasket, then verify stabilized compartment and product temperatures with a calibrated probe.

Most appliance findings are maintenance-related: coil/filter cleaning, selected gasket replacement and consistent manual defrosting.

SCOPE

Inspection scope and evidence

October 14, 2026. Part 1: ten commercial appliances, comprising refrigeration equipment and one ice maker. Condition assessment and preventive maintenance inspection.

October 16, 2026. Part 2: walk-in freezer and rooftop equipment, including two HVAC package units. Roof access allowed inspection of the walk-in condensing unit and exposed refrigerant lines.

86	52	20	8	6
ORIGINAL PHOTOGRAPHS	APPLIANCE PHOTOS	WALK-IN PHOTOS	HVAC 1 PHOTOS	HVAC 2 PHOTOS

PART 1 · OCTOBER 14, 2026

Refrigeration and the ice maker

The appliances were generally in good condition and operational at the time of inspection. The observed issues were primarily maintenance-related. Cleaning is needed throughout the equipment, along with replacement of selected door gaskets and consistent defrost management for the dipping cabinets. The equipment's condition suggests that maintenance has been performed, but its frequency appears insufficient.

Unit 7 requires high-priority cleaning, gasket replacement, and verification of actual compartment and product temperatures using a calibrated probe after stabilization. Unit 8 also requires interior lighting repair and identification and documentation of the refrigerant currently installed before future sealed-system service.

01

PART 1 · OCTOBER 14, 2026

Unit 01: Turbo Air commercial freezer

Model TGF-72SDHSB-N-BR

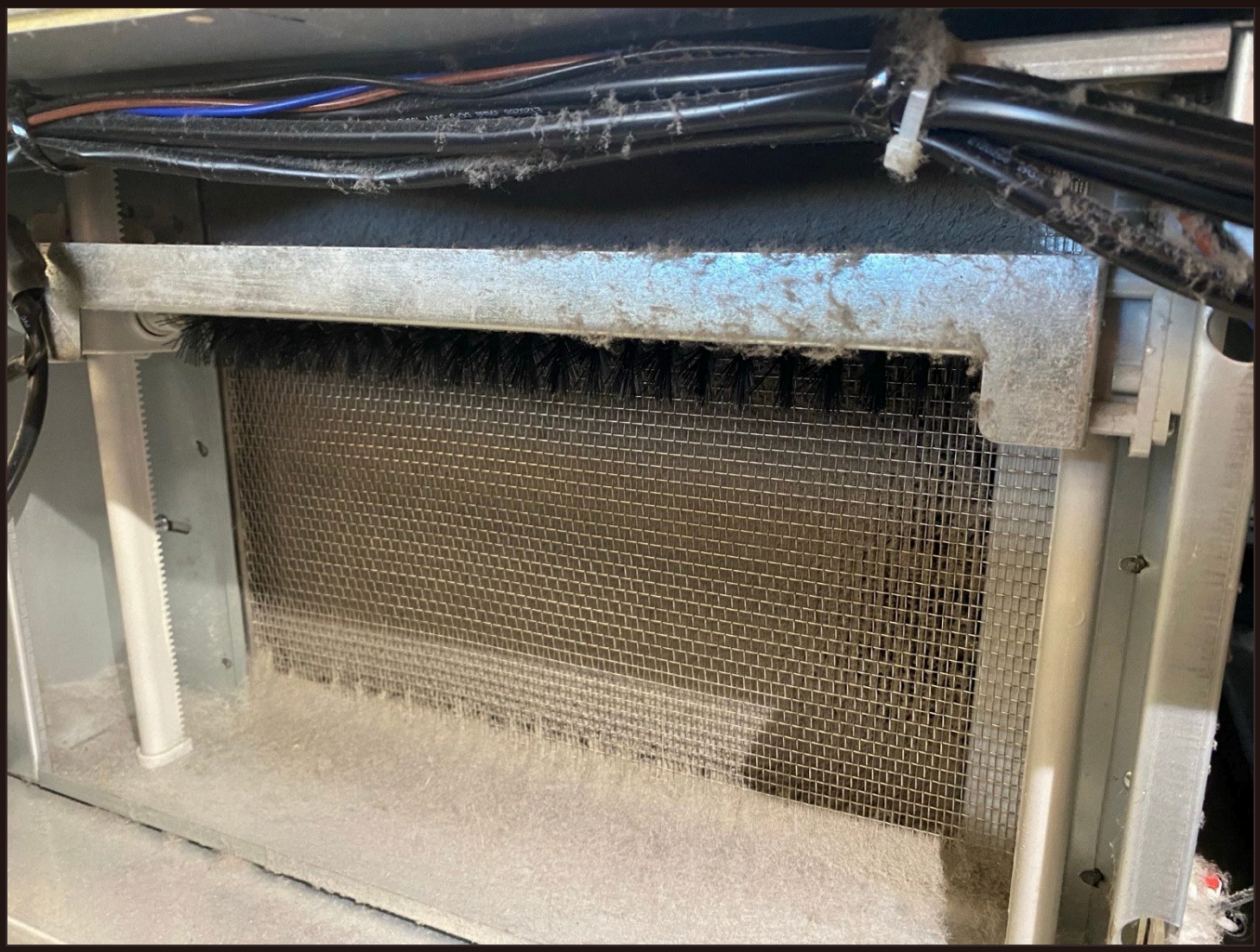
MAINTENANCE Operating at inspection. Preventive maintenance required.

INSPECTION FINDINGS

The unit was operational at the time of inspection. The condenser coil was found contaminated with accumulated dust and debris despite the unit being equipped with a self-cleaning condenser system. Condenser contamination can restrict airflow, reduce heat transfer efficiency, increase compressor operating temperatures, and contribute to premature component failure.

RECOMMENDATIONS

- Perform thorough condenser coil cleaning and verify proper airflow.
- Include periodic condenser inspections in the preventive maintenance schedule, regardless of the self-cleaning feature.



U01-05 · IMG_3253.jpeg
Dust and debris at the condenser.



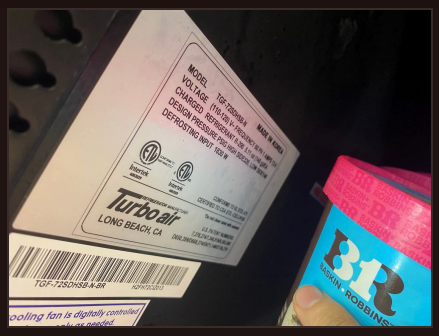
U01-01 · IMG_3244.jpeg
Three-door freezer overview.



U01-02 · IMG_3246.jpeg
Controller display.



U01-03 · IMG_3250.jpeg
Infrared surface measurement.



U01-04 · IMG_3251.jpeg

Turbo Air nameplate. Model TGF-72SDHSB-N-BR.



U01-05 · IMG_3253.jpeg

Dust and debris at the condenser.

02

PART 1 · OCTOBER 14, 2026

Unit 02: Oscartek display case

Model CIAOFLGEL12 | Serial SN224136 | R452A, 70 oz

Built December 2022, about 3 years 10 months old

MAINTENANCE Operating at inspection. Door gasket replacement recommended.

INSPECTION FINDINGS

The refrigerated display case was operating during inspection. Physical deterioration and damage were identified on the door gasket assembly. A compromised gasket may allow warm, humid ambient air to enter the refrigerated compartment, increasing refrigeration load, condensation, and compressor runtime.

RECOMMENDATIONS

- Replace the damaged door gasket assembly.
- Verify proper door alignment, gasket contact, and sealing around the entire perimeter.
- Monitor compartment temperature following replacement.



U02-05 · IMG_3261.jpeg

Damaged or displaced door gasket and tape.



U02-01 · IMG_3254.jpeg
Oscartek display case overview.



U02-02 · IMG_3255.jpeg
Nameplate: CIAOFLGEL12, SN224136, December 2022.



U02-03 · IMG_3257.jpeg
Infrared surface measurement.



U02-04 · IMG_3258.jpeg
Controller display: −4°F.



U02-05 · IMG_3261.jpeg
Damaged or displaced door gasket and tape.



U02-06 · IMG_3260.jpeg
Door gasket area, broader view.



U02-07 · IMG_3259.jpeg
Front ventilation grille with visible dust.

03

PART 1 · OCTOBER 14, 2026

Unit 03: C. Nelson dipping cabinet

Model 12DIPHVSE-R45 | Serial 2325410 | R452A, 23 oz

MAINTENANCE Operating at inspection. Cleaning and defrost review recommended.

INSPECTION FINDINGS

The freezer was operating at an acceptable observed temperature during inspection. Ice accumulation was identified on interior surfaces. The condenser coil also requires cleaning. Excessive ice accumulation may reduce usable storage space, interfere with normal operation, and increase refrigeration load.

RECOMMENDATIONS

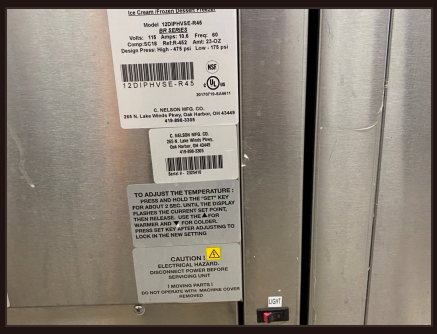
- Perform condenser cleaning and verify the existing manual defrost schedule with store personnel.
- Establish consistent defrost procedures according to manufacturer recommendations and monitor ice accumulation between defrost cycles.

U03-06 · IMG_3293.jpeg

Ice accumulation along cabinet walls.



U03-01 · IMG_3286.jpeg
C. Nelson dipping cabinet overview.



U03-02 · IMG_3287.jpeg
Nameplate: 12DIPHVSE-R45, serial 2325410.



U03-03 · IMG_3288.jpeg
Controller close-up.



U03-04 · IMG_3292.jpeg
Infrared surface measurement and interior ice.



U03-05 · IMG_3294.jpeg
Condenser with visible dust accumulation.



U03-06 · IMG_3293.jpeg
Ice accumulation along cabinet walls.

04

PART 1 · OCTOBER 14, 2026

Unit 04: C. Nelson dipping cabinet

Model 16DIPHVSE-R45 | Serial 2327106 | R452A, 25 oz

MAINTENANCE Operating at inspection. Preventive maintenance required.

INSPECTION FINDINGS

The ice cream dipping cabinet was operating at an acceptable observed temperature. Ice accumulation was present within the storage compartment. The condenser also requires cleaning to maintain efficient heat rejection and reduce compressor operating load.

RECOMMENDATIONS

- Clean the condenser coil and verify the frequency and effectiveness of manual defrost procedures.
- Monitor ice accumulation and temperature stability during normal operation.



U04-06 · IMG_3284.jpeg
Close view of ice at the tub opening.



U04-01 · IMG_3272.jpeg
Dipping cabinet with interior ice.



U04-02 · IMG_3273.jpeg
Controller close-up.



U04-03 · IMG_3274.jpeg
Nameplate: 16DIPHVSE-R45, serial 2327106.



U04-04 · IMG_3277.jpeg
Infrared surface reading: 3.6°F.



U04-05 · IMG_3285.jpeg
Ice accumulation along interior walls.



U04-06 · IMG_3284.jpeg
Close view of ice at the tub opening.



U04-07 · IMG_3282.jpeg
Dust accumulation at the condenser assembly.

05

PART 1 · OCTOBER 14, 2026

Unit 05: C. Nelson dipping cabinet

Model 12DIPHVSE-R45 | Serial 2325405

ROUTINE Operating at inspection. Routine maintenance recommended.

INSPECTION FINDINGS

The unit was operating during inspection. Store personnel reported that manual defrosting had been performed the previous night. Compared with the other dipping cabinets, this unit exhibited less ice accumulation, consistent with the reported recent defrosting. No additional operational defect was documented during this inspection.

RECOMMENDATIONS

- Maintain a consistent manual defrost schedule and document defrost frequency for all dipping cabinets.
- Continue monitoring ice accumulation and operating temperatures.



U05-01 · IMG_3295.jpeg
Cabinet with less ice after reported defrosting.



U05-01 · IMG_3295.jpeg
Cabinet with less ice after reported defrosting.



U05-02 · IMG_3299.jpeg
Interior and infrared thermometer.



U05-03 · IMG_3300.jpeg
Condenser assembly documentation.



U05-04 · IMG_3296.jpeg

Serial label: 2325405.

06

PART 1 · OCTOBER 14, 2026

Unit 06: Manitowoc ice maker

Model UYF0240A-161B | Serial 310695826 | Factory R404A, 16 oz (0.454 kg)

MAINTENANCE Condenser filter cleaning and deep cleaning required.

INSPECTION FINDINGS

The condenser air filter was found heavily contaminated with accumulated dust and debris. Restricted condenser airflow may result in elevated condensing temperatures, reduced ice production efficiency, increased compressor workload, and possible high-pressure shutdowns. No additional operational defect was documented during this inspection.

RECOMMENDATIONS

- Thoroughly clean the condenser air filter and inspect condenser airflow.
- Establish a regular filter cleaning schedule appropriate for the operating environment.



U06-03 · IMG_3304.jpeg

Heavily contaminated condenser air filter.



U06-01 · IMG_3301.jpeg
Manitowoc ice maker overview.



U06-02 · IMG_3303.jpeg
Nameplate: UYF0240A-161B, serial 310695826.



U06-03 · IMG_3304.jpeg
Heavily contaminated condenser air filter.

07

PART 1 · OCTOBER 14, 2026

Unit 07: Turbo Air undercounter refrigerator

Model MUR-60-N | Serial H2VMU6RHY008 | R290, 2.5 oz

PRIORITY High-priority maintenance. Temperature performance requires verification.

INSPECTION FINDINGS

The refrigerator was operating during inspection; however, a discrepancy was observed between the controller temperature setting and the independent infrared surface measurement. Controller setpoint: 32°F. Infrared surface measurement: approximately 41.1°F. The condenser coil was found heavily contaminated with dust and debris. A damaged door gasket was also identified. Both conditions can contribute to reduced refrigeration efficiency, increased compressor runtime, and elevated compartment temperatures.

RECOMMENDATIONS

- Perform thorough condenser coil cleaning.
- Replace the damaged door gasket.
- Verify actual compartment and product temperatures using an appropriate calibrated probe after allowing the unit to stabilize.
- Perform additional refrigeration system diagnostics if temperatures remain outside acceptable operating limits.

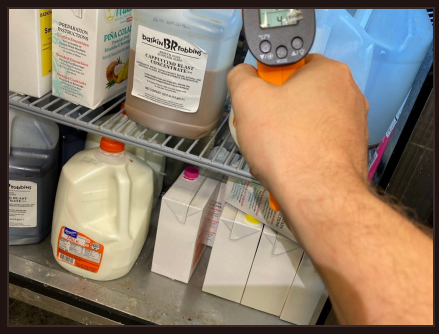


U07-04 · IMG_3310.jpeg

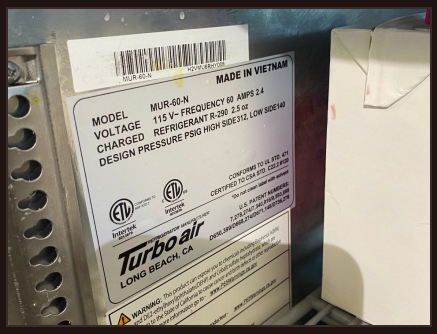
Heavily contaminated condenser coil.



U07-01 · IMG_3306.jpeg
Undercounter refrigerator. Reported setpoint 32°F.



U07-02 · IMG_3307.jpeg
Approximately 41.1°F infrared surface reading.



U07-03 · IMG_3309.jpeg
Nameplate: MUR-60-N, R290, 2.5 oz.



U07-04 · IMG_3310.jpeg
Heavily contaminated condenser coil.

08

PART 1 · OCTOBER 14, 2026

Unit 08: National Refrigeration upright freezer

Model T50LSP-5 | Equipment ID 7059955 | Factory R404A, 22 oz

MAINTENANCE Operating at inspection. Gasket, lighting and documentation work.

INSPECTION FINDINGS

The freezer was operating and maintaining freezing temperatures during inspection. The refrigeration system had previously undergone modifications. The original compressor remains installed, while the factory temperature controller has been replaced with an aftermarket Eliwell EWPlus 974 controller. The refrigerant currently installed in the modified sealed system is not documented. Temperature observations: Controller display: approximately -3.6°F. Independent infrared surface measurement: approximately 3.0°F. Additional deficiencies identified during inspection include damaged door gaskets and inoperative interior lighting.

RECOMMENDATIONS

- Replace damaged door gaskets to restore proper compartment sealing.
- Diagnose and repair the interior lighting system.
- Identify and document the refrigerant currently installed before performing any future sealed-system service.
- Continue monitoring operating temperatures.
- Based on observed operation, immediate sealed-system repair is not recommended without additional evidence of refrigeration performance problems.



U08-05 · IMG_3321.jpeg

Separated or damaged lower door gasket.



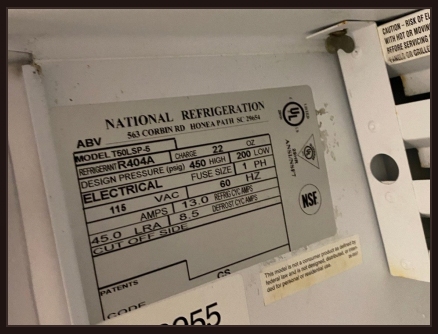
U08-01 · IMG_3311.jpeg
National freezer with replacement controller.



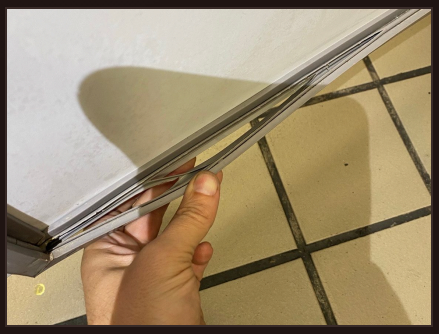
U08-02 · IMG_3312.jpeg
Eliwell EWPlus 974 display: -3.6°F.



U08-03 · IMG_3315.jpeg
Infrared surface reading: 3.0°F.



U08-04 · IMG_3316.jpeg
Factory label: T50LSP-5, R404A.



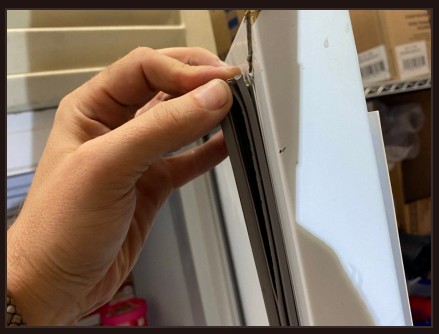
U08-05 · IMG_3321.jpeg
Separated or damaged lower door gasket.



U08-06 · IMG_3320.jpeg
Vertical door gasket view.



U08-07 · IMG_3319.jpeg
Damaged upper-corner gasket.



U08-08 · IMG_3318.jpeg
Displaced or damaged gasket at the door edge.

09

PART 1 · OCTOBER 14, 2026

Unit 09: IDW display refrigerator

Model G-12-F334B-HC | R290, 90 g (3.17 oz)

MAINTENANCE Operating at inspection. Condenser cleaning required.

INSPECTION FINDINGS

The unit was operational during inspection. Significant dust accumulation was observed on the condenser coil, restricting effective heat rejection. Continued operation with a contaminated condenser can increase condensing pressure, compressor workload, energy consumption, and the risk of overheating.

RECOMMENDATIONS

- Perform thorough condenser coil cleaning.
- Inspect condenser fan operation and airflow, and verify temperature stability following maintenance.



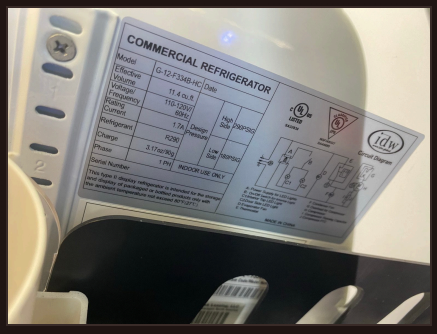
U09-04 · IMG_3266.jpeg
Condenser dust and debris.



U09-01 · IMG_3262.jpeg
IDW display refrigerator overview.



U09-02 · IMG_3263.jpeg
Infrared surface measurement.



U09-03 · IMG_3264.jpeg
Nameplate: G-12-F334B-HC, R290, 90 g.



U09-04 · IMG_3266.jpeg

Condenser dust and debris.

10

PART 1 · OCTOBER 14, 2026

Unit 10: True sandwich/salad prep table

Model TSSU-27-08 | Serial 5123104 | R134a

MAINTENANCE Operating at inspection. Preventive condenser cleaning required.

INSPECTION FINDINGS

The refrigeration unit was operating normally during inspection. No significant mechanical or cooling performance issues were identified. The condenser coil requires cleaning due to accumulated dust and debris, which may restrict airflow and reduce heat transfer efficiency over time.

RECOMMENDATIONS

- Perform condenser coil cleaning to restore proper airflow, maintain cooling efficiency, and prevent potential compressor overheating and premature component failure.



U10-04 · IMG_3271(1).jpeg

Dust and debris at the condenser.



U10-01 · IMG_3267(1).jpeg
True sandwich/salad prep table overview.



U10-02 · IMG_3268(1).jpeg
Cabinet and infrared thermometer.



U10-03 · IMG_3270(1).jpeg
Nameplate: TSSU-27-08, serial 5123104.



U10-04 · IMG_3271(1).jpeg
Dust and debris at the condenser.

PART 2 · OCTOBER 16, 2026

Walk-in freezer and rooftop HVAC

WI

PART 2 · OCTOBER 16, 2026

Walk-in freezer

`Indoor evaporator BOHN LET090BK` `Nor-Lake badge on enclosure`

OVERALL SYSTEM CONDITION

The system was operating during inspection. An infrared surface reading of approximately −8°F was recorded.

However, several potentially serious conditions were identified that may affect long-term system reliability, energy efficiency, and the condition of the freezer enclosure.

INSPECTION FINDINGS

1 Excessive Ice Accumulation and Moisture Intrusion

Significant ice accumulation was observed on the ceiling, surrounding surfaces, and shelving, primarily near the evaporator area, gradually decreasing farther away.

The evaporator itself appeared relatively free of excessive ice buildup.

Water stains and corrosion were observed around the refrigerant line penetration through the freezer ceiling. The insulation surrounding the refrigerant lines was found to be wet.

These conditions suggest ongoing moisture intrusion and possible deterioration of the enclosure's vapor barrier and thermal insulation.

2 Refrigerant Line Insulation Deficiencies

Approximately 13 feet of the suction line between the roof penetration and outdoor condensing unit is exposed without thermal insulation.

Significant frost accumulation was observed along portions of this line, including sections within the condensing unit where insulation is present.

This condition contributes to unwanted heat gain, condensation, and reduced system efficiency.

3 Potential Freezer Enclosure Insulation Damage

Moisture penetration and deterioration of concealed ceiling-panel insulation are suspected. Further evaluation may identify panel repairs or replacement.

If confirmed, this condition may result in progressive insulation deterioration, increased thermal load, continued ice formation, and eventual damage requiring replacement of affected enclosure sections.

4 Outdoor Condensing Unit Condition

The condenser coil exhibits significant mechanical damage to its fins, potentially restricting airflow and reducing heat rejection efficiency.

Operating pressures were recorded at approximately 15 PSI suction and 247 PSI discharge. The installed refrigerant type is not documented on the equipment.

The compressor operated continuously throughout the approximately 1.5-hour observation period. The operating cycle and defrost control sequence require further evaluation.

Two filter-driers were also observed installed in series.

CONCLUSION AND RECOMMENDATIONS

Although the refrigeration system was operating during inspection, the identified conditions indicate potentially significant deficiencies involving refrigerant line insulation, moisture control, and freezer enclosure integrity.

Further investigation is strongly recommended to determine the extent of moisture penetration, evaluate the condition of the ceiling insulation and vapor barrier, and identify the underlying causes of excessive ice formation.

RECOMMENDED FOLLOW-UP INCLUDES

- Restore proper suction line insulation.
- Inspect and seal refrigerant line penetrations and affected ceiling joints.
- Evaluate the freezer ceiling panels for internal moisture contamination and insulation deterioration.
- Verify defrost operation and refrigeration system cycling.
- Assess condenser coil damage and determine whether repair or replacement is necessary.
- Confirm the refrigerant type before performing any refrigerant-related service.

> Important: Additional evaluation may identify the need for panel repairs or replacement.

Continued operation without addressing these conditions may result in progressive deterioration, increased energy consumption, additional ice accumulation, and potentially more extensive and costly repairs.



WI-04 · IMG_2900.jpeg

Ice at line penetration.



WI-11 · IMG_2907.jpeg

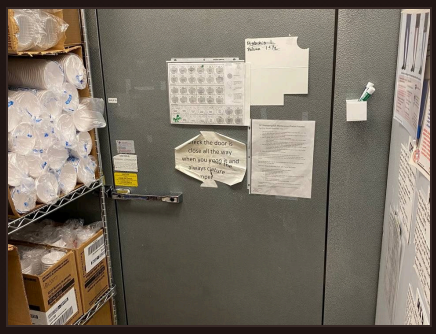
Staining at penetration.



WI-16 · IMG_2912.jpeg
Exposed suction line.



WI-17 · IMG_2913.jpeg
Damaged condenser fins.



WI-01 · IMG_2897.jpeg
.



WI-02 · IMG_2898.jpeg
IR surface: about −8.1°F.



WI-03 · IMG_2899.jpeg
Heavy ice at an interior ceiling corner.



WI-04 · IMG_2900.jpeg
Ice at line penetration.



WI-05 · IMG_2901.jpeg
Close view of ice on insulated piping.



WI-06 · IMG_2902.jpeg
Ice on shelving and cartons near the evaporator.



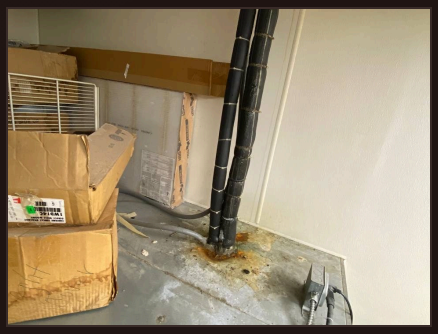
WI-07 · IMG_2903.jpeg
Frozen droplets across the ceiling surface.



WI-08 · IMG_2904.jpeg
Icicles and ice streaks on an interior wall.



WI-09 · IMG_2905.jpeg
Evaporator face relatively clear of excess ice.



WI-10 · IMG_2906.jpeg
Exterior top of enclosure and line penetration.



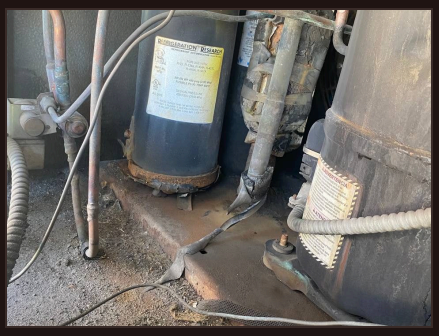
WI-11 · IMG_2907.jpeg
Staining at penetration.



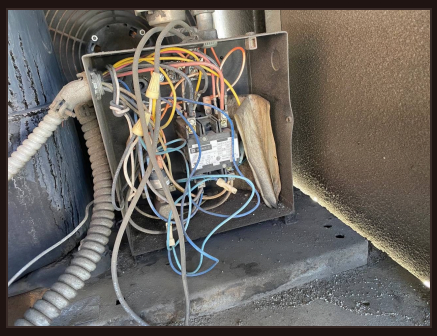
WI-12 · IMG_2908.jpeg
Outdoor condensing unit overview.



WI-13 · IMG_2909.jpeg
Compressor, piping and two in-line filter-driers.



WI-14 · IMG_2910.jpeg
Component label and deteriorated line insulation.



WI-15 · IMG_2911.jpeg
Electrical/control compartment documentation.



WI-16 · IMG_2912.jpeg
Exposed suction line.



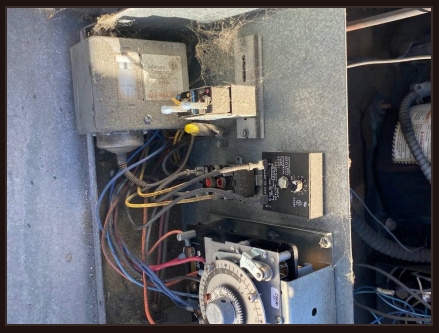
WI-17 · IMG_2913.jpeg
Damaged condenser fins.



WI-18 · IMG_2914.jpeg
Compressor AVT95ET-037-J7. Gas compatibility label.



WI-19 · IMG_2916.jpeg
Pressures: 15 / 247 PSI.



WI-20 · IMG_2917.jpeg
Control/timer compartment.

H1

PART 2 · OCTOBER 16, 2026

Rooftop HVAC 1 · main customer area

Carrier 48TMD005-A-501 | Serial 0304G40875 | Factory R22, 6.4 lb (2.9 kg)

OVERALL SYSTEM CONDITION

The unit responds to thermostat commands and operates in cooling mode. However, cooling performance is below expectations, and the heating function is currently inoperative.

Although the equipment shows evidence of periodic maintenance, several conditions were identified that require corrective action and further evaluation.

INSPECTION FINDINGS

1 Reduced Cooling Performance

The condenser coil shows significant contamination, potentially restricting airflow and reducing heat rejection efficiency.

Operating measurements recorded approximately 68 PSI suction pressure, 327 PSI discharge pressure, 31.1°F superheat, and 8.7°F subcooling.

The elevated discharge pressure and superheat indicate that additional evaluation of the refrigeration system is necessary.

2 Air Distribution System Contamination

The air filters were found in relatively clean condition. However, significant dust and debris accumulation was observed within the accessible air ducts and internal air passages.

Cleaning and further inspection of the air distribution system are recommended.

3 Heating System Failure

The unit does not provide heating when requested through the thermostat.

Additional diagnostic testing is required to identify the failed component or control issue and establish the necessary repair scope.

4 Equipment Age and Refrigerant Considerations

The unit is an older R-22 refrigeration system. U.S. production and import of new R-22 ended in 2020; existing equipment may still be serviced using reclaimed, recycled, or previously produced R-

22. Refrigerant availability and cost should be confirmed when evaluating future refrigerant-related repairs.

CONCLUSION AND RECOMMENDATIONS

The unit remains operational in cooling mode but is not performing at its expected capacity. The heating system is currently nonfunctional.

RECOMMENDED NEXT STEPS

1. Perform a thorough condenser coil cleaning.
2. Reevaluate cooling performance, operating pressures, superheat, subcooling, and supply/return air temperature differential after cleaning.
3. Inspect and clean contaminated internal air passages and evaluate the ductwork.
4. Perform additional heating system diagnostics to determine the cause of failure.
5. Evaluate the overall condition and remaining service life of the equipment before proceeding with major repairs.

> Important: Condenser coil cleaning is recommended as the initial corrective measure. Additional refrigeration system repairs may be necessary depending on the results of follow-up testing.



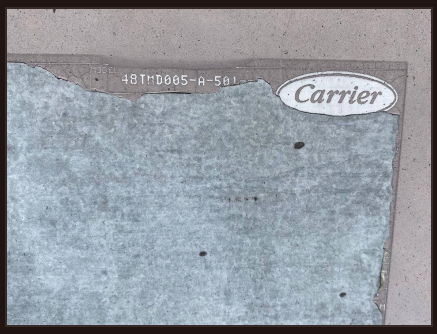
H1-05 · IMG_2925.jpeg
Manifold readings.



H1-07 · IMG_2923.jpeg
Dust in air passage.



H1-01 · IMG_2918.jpeg
Carrier rooftop package unit overview.



H1-02 · IMG_2919.jpeg
Exterior model label: 48TMD005-A-501.



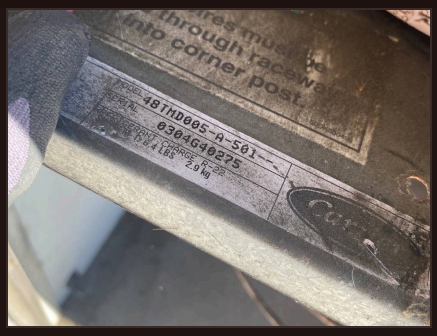
H1-03 · IMG_2920.jpeg
Condenser-side overview.



H1-04 · IMG_2921.jpeg
Bristol compressor label.



H1-05 · IMG_2925.jpeg
Manifold readings.



H1-06 · IMG_2924.jpeg
Carrier plate: serial 0304G40875, R22, 6.4 lb.



H1-07 · IMG_2923.jpeg
Dust in air passage.



H1-08 · IMG_2922.jpeg
Relatively clean filters and dusty compartment.

H2

PART 2 · OCTOBER 16, 2026

Rooftop HVAC 2 · storage / back-of-house

BDP Company nameplate | Factory R22 visible

INSPECTION FINDINGS

At the time of inspection, the unit was completely disconnected from electrical power. After power was restored, the system successfully started and responded to both heating and cooling commands.

However, several significant issues were identified:

- **Condenser Coil Damage:** Extensive mechanical damage and deformation of the condenser coil fins were observed, restricting airflow and reducing heat transfer efficiency. This condition may result in elevated operating pressures, compressor overheating, reduced cooling capacity, and premature compressor failure.
- **Air Filters:** The return air filters were heavily contaminated, significantly restricting airflow through the system.

RECOMMENDATIONS

1. Replace all contaminated air filters to restore proper airflow.
2. Evaluate the feasibility of condenser coil restoration. Due to the extent of physical damage, condenser coil replacement may be necessary.
3. After correcting airflow restrictions, perform comprehensive operational testing, including refrigerant pressures, temperature differential, and overall system performance.
4. Determine whether additional repairs are required based on the results.

CONCLUSION

After power was restored, the unit started and responded to heating and cooling commands. However, significant condenser coil damage and severely restricted airflow present potential risks to system reliability, efficiency, and compressor longevity.

Further corrective work and evaluation are strongly recommended before the system can be considered to be operating satisfactorily.



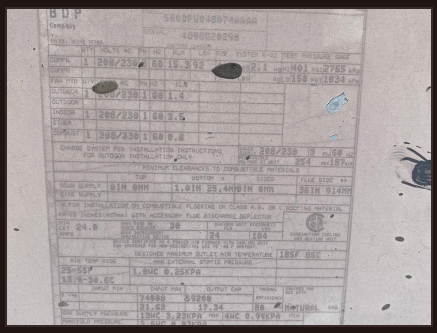
H2-03 · IMG_2928.jpeg
Condenser fin damage.



H2-05 · IMG_2931.jpeg
Dirty return filters.



H2-01 · IMG_2926.jpeg
Rooftop package unit and disconnect overview.



H2-02 · IMG_2927.jpeg
Faded BDP plate. R22 visible.



H2-03 · IMG_2928.jpeg
Condenser fin damage.



H2-04 · IMG_2929.jpeg
Broad view of condenser coil damage.



H2-05 · IMG_2931.jpeg
Dirty return filters.



H2-06 · IMG_2930.jpeg
Bent condenser fins, alternate view.

NEXT STEPS

Recommended sequence of work

PRIORITY	**Unit 7 temperature verification** Condenser cleaning and gasket replacement, followed by stabilized calibrated air/product measurements. Further diagnostics depend on those results.
PRIORITY	**Walk-in enclosure and refrigeration review** Engage an enclosure specialist. Restore line insulation, review moisture paths, verify defrost/cycling and assess coil damage. Confirm refrigerant identity before service.
CAPITAL REVIEW	**Both rooftop package units** Consider replacing both units. Compare written replacement proposals against a repair scope established after cleaning, airflow correction and further diagnostics.
SCHEDULED MAINTENANCE	**Appliance cleaning and targeted repairs** Clean condensers and the ice-maker filter. Replace affected gaskets on Units 2, 7 and 8. Repair Unit 8 lighting and document its refrigerant. Establish consistent dipping-cabinet defrosting.

Obtain written, equipment-specific quotations after scope confirmation.

OVERALL ASSESSMENT

Overall assessment and recommended next steps

The most significant concerns involve the rooftop HVAC systems and the walk-in freezer enclosure. Replacement of both rooftop package units should be considered in light of their observed condition and operating deficiencies. Further diagnostics and a repair-versus-replacement assessment are recommended before committing to major repairs or replacement.

The walk-in freezer requires specialist evaluation of suspected air and moisture infiltration, refrigerant-line penetrations, and enclosure insulation. Air-leak and sealing repairs may be needed. Depending on the findings, more extensive enclosure repairs or a rebuild may be appropriate.

OPTIONAL FOLLOW-UP

Temperature monitoring

We recommend continuous temperature monitoring for all refrigeration equipment, with automatic alerts for temperature fluctuations. Two ways to set it up:

A

Management only

An off-the-shelf YoLink system. Store management installs the sensors, sees the temperatures and receives the alerts directly.

B

Management and service provider

A custom system built by ADRIUM. Management and our service team both have access, with automatic notifications and integration into our service dashboard, so a temperature problem reaches a technician as soon as it starts.

SERVICE

Service availability and scope

ADRIUM can provide preventive and corrective maintenance for the commercial appliances. Rooftop HVAC replacement can be offered through the Bay Area HVAC Service department. Walk-in enclosure air-leak repairs and rebuilding are outside our service scope and should be handled by a qualified specialist. Please contact us if you would like to discuss the available appliance, HVAC, or monitoring services.

QUESTIONS

Talk to us

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