



# A.J. PERRI INC.

HEATING ■ COOLING ■ PLUMBING

1138 PINE BROOK ROAD • TINTON FALLS, NJ 07724  
TOLL FREE 1-800-287-2164 • FAX 732-982-8717  
ajperri.com

Plumbing Lic. #12566 • NJ Contractors Lic. #03463



1st Floor

## Blue Guardian Performance Inspection

Customer Name News Tech Name 0397E15770  
Make Carrier Model 38CKB048--301-- Serial Michael Kerstge

### FURNACE

- Inspect and Clean Pilot
- Clean Burners
- Inspect Combustion Fan Motor
- Inspect Burner Ignition
- Inspect & Test Fan Temperature Switch
- Inspect & Test Limit Switch
- Inspect Flue Draft
- Inspect For Gas Leaks From Furnace
- Visually Inspect Heat Exchanger
- Inspect Heat Anticipator
- Inspect & Adjust Burner Primary Air (if necessary)

### OIL

- Inspect Combustion Air Openings
- Inspect Firebox
- Inspect Flame
- Clean & Adjust Flame (if necessary)
- Check Oil Line From Furnace to Wall or Floor
- Replace Nozzle  Replace Filter
- Replace Strainer
- Smoke Reading

### ELECTRIC HEAT & HEAT PUMP

- Inspect Sequencer Operation
- Inspect Heating Element Contactors
- Inspect Time Delay Controls
- Tighten All Electrical Connections (when necessary)
- Inspect Condition of Wiring
- Reversing Valve
- Defrost Timer  Relay  Board

### HEATING ELEMENT AMP. DRAW

#1 \_\_\_\_\_ #2 \_\_\_\_\_ #3 \_\_\_\_\_

### CLEANING

- Wax Unit
- Clean Outdoor Coil
- Clean Compressor Compartment
- Clean Electrical Compartment
- Clean Blower Compartment
- Inspect Condensate Drain
- Inspect & Clean Air Filter (if necessary) *EAC cle*
- Oil Indoor Blower Bearings (if applicable)

### OPERATIONAL TEST DATA

59 Supply Temp 6 Return Temp 0 Diff.  
72 Outside Ambient Temp.

Rated	AMPS	Actual
<u>2.04</u>	Compressor	<u>1.15</u>
<u>1.44</u>	Outdoor Cond. Motor	<u>1.9</u> <i>N/S</i>
<u>1.5</u>	Indoor Blower Motor	<u>6.6</u>

### BOILER WATER/STEAM

- Cut In        Cut Out 7 Water Pressure
- Low Water Cut Off  Water Feed
  - Circulator     Zone Valves

### CONDENSOR

*Damaged 20%*

Coil \_\_\_\_\_ Contactor N/S  
 Capacitors 0/8 Comp N/S Fan Backward  
 Pressure Controls HP 300 LP 7/1

### DUCT INSPECTION

Supply Duct \_\_\_\_\_ Registers \_\_\_\_\_ *why not for cond.*  
 Return Duct \_\_\_\_\_ Registers \_\_\_\_\_

Comments and Recommendations: Incorrect Fan Motor - Spias Backward - tried reversing - only Spias backwards



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**THIS IS YOUR INVOICE #**

104806

Chanelle - 732-720-9732  
 For July 22 / 1 PM

**TROUBLE REPORTED**

2 Precision Tune Up on A/C's

**DESCRIPTION OF WORK PERFORMED**

All checked and no leaks are there  
 Recharge hoses from Freon  
 Installation of Equipment  
 Even the part had a mercury vapor  
 motor - was both in the unit

**OUR TRAINED TECHNICIAN RECOMMENDS THE FOLLOWING**

UPSTAR A/C Equipment Co. Installed  
 Recently - covered system to only 2/6 coil  
 Also has "Warranted" Pitzer Brake on  
 Condenser - covered damage to condenser  
 1st Floor Condenser fan Motor replaced  
 correct size and direction - Had  
 parts Repair Cost Exceed Repair was  
 Tech Michael Keenan

Customer's Initials: SK

Service Recall  
 Authorized

COD  
 Billing  
 Maint.  
 Warranty  
 Service Agree.  
 Precision Tune Up

CHECK # 2059  
 CASH  
 Cash Amount Rec'd:

CREDIT CARD:  
 Name on Card: \_\_\_\_\_  
 Check One:  Visa  MC  AE  DISCOVER

EXPIRATION DATE: \_\_\_\_\_  
 Credit Card Zip Code: \_\_\_\_\_

CUSTOMER'S SIGNATURE: \_\_\_\_\_  
 Customer's Signature:

QTY	REPAIR CODE	REPAIR DESCRIPTION	PRICE WITHOUT SERVICE AGREEMENT	PRICE WITH SERVICE AGREEMENT	COMPLETE	PARTS QUOTE	TEMPORARY	INCOMPLETE	NEW EQUIPMENT
1	1100	Mechanical Tune up on A/C			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Fuel Sur/Haz Mat Charge			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Trip Charge			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Flat Rate Repair			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Service Agreement			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Subtotal	356.00	356.00	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Tax			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Total Charges			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**TERMS**  
 All service work is C.O.D. Those delaying payment are charged a billing charge of \$25. Carrying charges on past due amount are 1.5% per month (18% per year).

**PARTS WARRANTY**  
 All new parts as recorded on face of this invoice are warranted for a period of one (1) year.

**LABOR GUARANTEE**  
 Labor is guaranteed for 1 year and applies only as it relates to specific new parts provided and the stated service performed.

I hereby acknowledge the satisfactory completion of the work described above.

Customer Signature: \_\_\_\_\_



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UPS

## Blue Guardian Performance Inspection

Customer Name Elen Nevins Tech Name Michael Kertesz  
Make CARRIER Model 38CKB036--331-- Serial 4996E10942

### FURNACE

- Inspect and Clean Pilot
- Clean Burners
- Inspect Combustion Fan Motor
- Inspect Burner Ignition
- Inspect & Test Fan Temperature Switch
- Inspect & Test Limit Switch
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- Clean Electrical Compartment
- Clean Blower Compartment
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- Inspect & Clean Air Filter (if necessary) *E.A.C. Clean*
- Oil Indoor Blower Bearings (if applicable)

### OPERATIONAL TEST DATA

54 Supply Temp 70 Return Temp 16 Diff.  
76 Outside Ambient Temp.

Rated	AMPS	Actual
<u>1.5</u>	Compressor	<u>1.9</u> <i>high</i>
<u>1.4</u>	Outdoor Cond. Motor	<u>1.31</u> <i>high</i>
<u>4.7</u>	Indoor Blower Motor	<u>4.9</u>
<u>5.8</u>		

### BOILER WATER/STEAM

- \_\_\_ Cut In \_\_\_ Cut Out \_\_\_ Water Pressure
- Low Water Cut Off  Water Feed
  - Circulator     Zone Valves

### CONDENSOR

Coil DAMAGED Contactor NIG *High May*  
Capacitors New Comp Fan High May  
Pressure Controls HP 275 LP 75 *High*

### DUCT INSPECTION

Supply Duct 7 Registers 7  
Return Duct 7 Registers 7

Comments and Recommendations: Megaohms on Compressor Read  
High -> Duct Age & needed call-  
Replacement is Recommended

