

**CERTIFICATION OF WORK
SERVICE CALL**

(To be completed by the Contractor and saved in the Contractor's CMMS)

FACID/Building: MD048

Date of Visit: 10/23/2019

Contractor Personnel on Site:

- | | |
|------------------------|--------------------------|
| 1. <u>Rich Owens</u> | 4. <u>Kelly Flemmens</u> |
| 2. <u>MIKE BUTTERS</u> | 5. _____ |
| 3. <u>DILLON STAUB</u> | 6. _____ |

Service Call Number

CSS# 15631 WO# 6403

Description of Repairs

CLEANING OF RTU'S FOR SITE INCLUDING FOGGING OF
UNITS, FILTER & BELT REPLACEMENT & OPERATIONAL
CHECKS

CERTIFICATION OF WORK

To be signed by the Contractor:

Print Name: Jason Smil Date: 10-25-19

Signed: [Signature]

To be signed by Facility Manager:

By signing the Certification of Work, the said government representative signature does not constitute acceptance of any work performed by the contractor, it only acknowledges that the contractor was on-site during the identified timeline:

Print Name/Rank: Darin Thompson MSN Date: 4 Nov 2019

Signed: [Signature]

E-Mail: Darin.P.Thompson.civil@mail.mil



191582

[illegible]



1800 Industrial Highway, York PA 17402
Phone (717) 755-9030 FAX (717) 840-1742
Air Conditioning System Start Up and Inspection Checklist

MODEL NUMBER: 48TSE012---5116X
SERIAL NUMBER: 1699G31108
UNIT MAKE: CARRIER
UNIT DESIGNATION/LOCATION: ZONE 1

CUSTOMER NAME: Army Reserve Center

AGREEMENT NUMBER: _____

DATE OF SERVICE: 10/24/19

EVAPORATOR ONLY

T-stat	Filters	Coils Clean	Suction Pressure	Suction Temp	Super Heat F	Enter Temp F	Leave Temp F	Drains Clear	Fan Amps	Fan Volts	Wiring	Time A.M.	Clock P.M.
<u>5</u>	<u>R</u>	<u>C</u>				<u>69</u>	<u>53</u> <u>125</u>	<u>X</u>		<u>207</u> <u>207</u> <u>207</u>	<u>5</u>		

CONDENSER

Coils Clean	Dish Pressure	Liquid Pressure	Liquid Temp F	Sub Cool Temp F	Comp Amps	Comp Volts	Fan Amps	Fan Volts	Bearings	Belts	Operating Controls	Pump Down	Oil Acid	Oil Level	Oil Pressure	Crankcase Heater	Leaks
<u>C</u>					<u>8.6</u> <u>9.5</u> <u>9.7</u>	<u>207</u> <u>207</u> <u>208</u>	<u>1.5</u>	<u>207</u> <u>207</u>			<u>5</u>						

HEATING

Fuel	Controls	Wiring	Filters	Belts	Bearings	Volts	Amps	High Volt Trans.	Electrodes	Nozzles	Fuel Pressure	Air/H2O Entra F	Air/H2O Leave F
<u>NG</u>	<u>5</u>	<u>5</u>	<u>2</u>	<u>R</u>		<u>207</u>	<u>16.37</u>				<u>DISK</u> <u>3.6 PSI</u>		

SERVICED BY: Rich Owens

FILTER SIZES: (14) 20x20x2

BELT SIZES: (1) A X 51

COIL CLEANINGS: 2

ENAP
COND.

COMMENTS:

BOTH COMPRESSORS HAVE BAD VALVES. THIS IS A 1999 UNIT, I RECOMMEND REPLACEMENT



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Air Conditioning System Start Up and Inspection Checklist

MODEL NUMBER: 4STJED02--S11GA
SERIAL NUMBER: 1699631110
UNIT MAKE: CARRIER
UNIT DESIGNATION/LOCATION: ZONE 2

CUSTOMER NAME: ARMY RESERVE CENTER
AGREEMENT NUMBER: _____
DATE OF SERVICE: 10/24/19

EVAPORATOR ONLY

T-stat	Filters	Coils Clean	Suction Pressure	Suction Temp	Super Heat F	Enter Temp F	Leave Temp F	Drains Clear	Fan Amps	Fan Volts	Wiring	Time A.M.	Clock P.M.
<u>5</u>	<u>R</u>	<u>C</u>						<u>NO</u>	<u>2</u>	<u>206</u>	<u>5</u>		
								<u>REP</u>		<u>207</u>			
										<u>207</u>			

CONDENSER

Coils Clean	Dish Pressure	Liquid Pressure	Liquid Temp F	Sub Cool Temp F	Comp Amps	Comp Volts	Fan Amps	Fan Volts	Bearings	Belts	Operating Controls	Pump Down	Oil Acid	Oil Level	Oil Pressure	Crankcase Heater	Leaks
<u>C</u>					<u>12.5</u>	<u>206</u>	<u>1.97</u>	<u>207</u>			<u>5</u>						<u>5</u>
					<u>13.6</u>	<u>207</u>	<u>1.5</u>	<u>207</u>									
					<u>13.9</u>	<u>207</u>											

HEATING

Fuel	Controls	Wiring	Filters	Belts	Bearings	Volts	Amps	High Volt Trans.	Electrodes	Nozzles	Fuel Pressure	Air/H2O Entra F	Air/H2O Leave F
<u>NO</u>	<u>X</u>	<u>X</u>				<u>X</u>	<u>Y</u>				<u>X</u>		

SERVICED BY: Brett Owens

FILTER SIZES: (4) 20x20x2

BELT SIZES: (1) A x S L

COIL CLEANINGS: 2
EVAP
COND.

COMMENTS: LOCKED OUT - TOOK OFF LOCK. THIS UNIT NEEDS
HAIR EXCHANGE & ALL ACCESSORIES. INCLUDING INDOOR MODE ASSEMBLY
INSTALLED NEW P-TRAP - WAS CRACKED & LEAKING ON FAN



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 Air Conditioning System Start Up and Inspection Checklist

MODEL NUMBER: ZF060N1UN2AAA1A
 SERIAL NUMBER: NIM0492753
 UNIT MAKE: York
 UNIT DESIGNATION/LOCATION: ZONE 3

CUSTOMER NAME: ARMY RESERVE CENTER

AGREEMENT NUMBER: _____

DATE OF SERVICE: 10-24-19

EVAPORATOR ONLY

T-stat	Filters	Coils Clean	Suction Pressure	Suction Temp	Super Heat F	Enter Temp F	Leave Temp F	Drains Clear	Fan Amps	Fan Volts	Wiring	Time A.M.	Clock P.M.
<u>4</u>	<u>2</u>	<u>C</u>				<u>68</u>	<u>49</u>		<u>4.1</u> <u>3.5</u> <u>2.7</u>	<u>210</u> <u>210</u> <u>210</u>	<u>4</u>		

CONDENSER

Coils Clean	Dish Pressure	Liquid Pressure	Liquid Temp F	Sub Cool Temp F	Comp Amps	Comp Volts	Fan Amps	Fan Volts	Bearings	Belts	Operating Controls	Pump Down	Oil Acid	Oil Level	Oil Pressure	Crankcase Heater	Leaks
<u>C</u>					<u>7.7</u> <u>7.8</u> <u>8.9</u>	<u>210</u> <u>210</u> <u>210</u>	<u>2.8</u>	<u>210</u>			<u>4</u>						

HEATING

Fuel	Controls	Wiring	Filters	Belts	Bearings	Volts	Amps	High Volt Trans.	Electrodes	Nozzles	Fuel Pressure	Air/H2O Entg F	Air/H2O Leave F
<u>11605</u>	<u>X</u>												

SERVICED BY: Redd Owens

FILTER SIZES:
(2) 15x20x2
(1) 14x25x2

BELT SIZES:
(1) 17x36

COIL CLEANINGS:
2
6/14 P
COND.

COMMENTS: NO GAS SERVICE



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Air Conditioning System Start Up and Inspection Checklist

MODEL NUMBER: 48TJED06---511GA
SERIAL NUMBER: 3299520980
UNIT MAKE: CARRIER
UNIT DESIGNATION/LOCATION: ZONE 4

CUSTOMER NAME: ARMY RESERVE CENTER
AGREEMENT NUMBER: _____
DATE OF SERVICE: 10/24/19

EVAPORATOR ONLY

T-stat	Filters	Coils Clean	Suction Pressure	Suction Temp	Super Heat F	Enter Temp F	Leave Temp F	Drains Clear	Fan Amps	Fan Volts	Wiring	Time A.M.	Clock P.M.
<u>5</u>	<u>R</u>	<u>C</u>				<u>68</u>	<u>115</u>	<u>7</u>	<u>26</u>	<u>210</u>	<u>1</u>		
									<u>27</u>	<u>211</u>	<u>1</u>		
									<u>27</u>	<u>211</u>			

CONDENSER

Coils Clean	Dish Pressure	Liquid Pressure	Liquid Temp F	Sub Cool Temp F	Comp Amps	Comp Volts	Fan Amps	Fan Volts	Bearings	Belts	Operating Controls	Pump Down	Oil Acid	Oil Level	Oil Pressure	Crankcase Heater	Leaks
<u>C</u>					<u>24</u>	<u>210</u>	<u>1.8</u>	<u>211</u>			<u>1</u>						<u>1</u>
					<u>27</u>	<u>211</u>					<u>1</u>						
					<u>112</u>	<u>211</u>											

HEATING

Fuel	Controls	Wiring	Filters	Belts	Bearings	Volts	Amps	High Volt Trans.	Electrodes	Nozzles	Fuel Pressure	Air/H2O Entra F	Air/H2O Leava F
<u>160</u>	<u>X</u>										<u>3.5"</u>		

SERVICED BY: Brett Owens

FILTER SIZES:
(2) 16x25x2

BELT SIZES:
11A x 42

COIL CLEANINGS:
2
EVAP
COND

COMMENTS: NO. 9 Heat Exchanger



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 Air Conditioning System Start Up and Inspection Checklist

MODEL NUMBER: ZF120N24R2A1BAA1A3
 SERIAL NUMBER: N1C9766073
 UNIT MAKE: York
 UNIT DESIGNATION/LOCATION: ZONE 5

CUSTOMER NAME: ARMY RESERVE CENTER
 AGREEMENT NUMBER: _____
 DATE OF SERVICE: 10-24-19

EVAPORATOR ONLY

T-stat	Filters	Coils Clean	Suction Pressure	Suction Temp	Super Heat F	Enter Temp F	Leave Temp F	Drains Clear	Fan Amps	Fan Volts	Wiring	Time A.M.	Clock P.M.
5	2	C						5	3.2	210	5		
									3.4	210			
									3.5	211			

CONDENSER

Coils Clean	Dish Pressure	Liquid Pressure	Liquid Temp F	Sub Cool Temp F	Comp Amps	Comp Volts	Fan Amps	Fan Volts	Bearings	Belts	Operating Controls	Pump Down	Oil Acid	Oil Level	Oil Pressure	Crankcase Heater	Leaks
C					8.2	210	3.1	211			5						5
					8.7	210	3	211									
					9.8	211											

HEATING

Fuel	Controls	Wiring	Filters	Belts	Bearings	Volts	Amps	High Volt Trans.	Electrodes	Nozzles	Fuel Pressure	Air/H2O Entra F	Air/H2O Leave F
NGV	5	5				210	1.32				3.5 H		
											2.2		

SERVICED BY: Brett Owens

FILTER SIZES: (4) 20x24x2

BELT SIZES: (1) A x 54

COIL CLEANINGS: 2

COMMENTS: Replaced Discharge

2
 Cond



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Air Conditioning System Start Up and Inspection Checklist

MODEL NUMBER: D4CG048N06225A
SERIAL NUMBER: NABM003593
UNIT MAKE: York
UNIT DESIGNATION/LOCATION: ZONE 6

CUSTOMER NAME: ARMY RESERVE CENTER
AGREEMENT NUMBER: _____
DATE OF SERVICE: 10-24-19

EVAPORATOR ONLY

T-stat	Filters	Coils Clean	Suction Pressure	Suction Temp	Super Heat F	Enter Temp F	Leave Temp F	Drains Clear	Fan Amps	Fan Volts	Wiring	Time A.M.	Clock P.M.
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				<u>64</u>	<u>43</u>	<input checked="" type="checkbox"/>	<u>3.7</u>	<u>210</u>			
										<u>200</u>			
										<u>200</u>			

CONDENSER

Coils Clean	Dish Pressure	Liquid Pressure	Liquid Temp F	Sub Cool Temp F	Comp Amps	Comp Volts	Fan Amps	Fan Volts	Bearings	Belts	Operating Controls	Pump Down	Oil Acid	Oil Level	Oil Pressure	Crankcase Heater	Leaks
<input checked="" type="checkbox"/>					<u>2.6</u>	<u>210</u>	<u>2.2</u>	<u>211</u>			<input checked="" type="checkbox"/>						<input checked="" type="checkbox"/>
					<u>2.9</u>	<u>210</u>					<input checked="" type="checkbox"/>						<input checked="" type="checkbox"/>
					<u>3.2</u>	<u>211</u>											<input checked="" type="checkbox"/>

HEATING

Fuel	Controls	Wiring	Filters	Belts	Bearings	Volts	Amps	High Volt Trans.	Electrodes	Nozzles	Fuel Pressure	Air/H2O Entra F	Air/H2O Leave F
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>											

SERVICED BY: Reid Owens

FILTER SIZES:
(2) 15x20x2
(1) 14x25x2

BELT SIZES:
D.D.

COIL CLEANINGS:
☐

COMMENTS:

NOBO THERMOSTAT - NOBO GAS VALVE
POLEMAN OFF



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Air Conditioning System Start Up and Inspection Checklist

MODEL NUMBER: DYCG076N08225A
SERIAL NUMBER: NAPM001446
UNIT MAKE: York
UNIT DESIGNATION/LOCATION: Zone 7

CUSTOMER NAME: ARMY RESERVE CENTER
AGREEMENT NUMBER: _____
DATE OF SERVICE: 10-24-19

EVAPORATOR ONLY

T-stat	Filters	Coils Clean	Suction Pressure	Suction Temp	Super Heat F	Enter Temp F	Leave Temp F	Drains Clear	Fan Amps	Fan Volts	Wiring	Time A.M.	Clock P.M.
<u>5</u>	<u>R</u>	<u>C</u>				<u>60</u>	<u>41</u>	<u>5</u>	<u>4.9</u>	<u>212</u>			

CONDENSER

Coils Clean	Dish Pressure	Liquid Pressure	Liquid Temp F	Sub Cool Temp F	Comp Amps	Comp Volts	Fan Amps	Fan Volts	Bearings	Belts	Operating Controls	Pump Down	Oil Acid	Oil Level	Oil Pressure	Crankcase Heater	Leaks
<u>C</u>					<u>14.5</u>	<u>211</u>	<u>2.6</u>	<u>212</u>			<u>5</u>						<u>5</u>
					<u>14.6</u>	<u>212</u>											
					<u>15.1</u>	<u>212</u>											

HEATING

Fuel	Controls	Wiring	Filters	Belts	Bearings	Volts	Amps	High Volt Trans.	Electrodes	Nozzles	Fuel Pressure	Air/H2O Entra F	Air/H2O Leave F
<u>WGS</u>	<u>X</u>	<u>X</u>											

SERVED BY: P. H. Owens

FILTER SIZES:
(2) 15x20x2
(1) 14x25x2

BELT SIZES:
Direct Drive

COIL CLEANINGS:

2

oil

and

COMMENTS:

NOO ready for invoice - need pressure & gas values

MODEL **48TJE012---511GA**

SERIAL **1699G31110**

REFRIGERANT CHARGE R-22

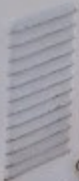
SYSTEM 1: 5.8 LBS 2.6 kg

SYSTEM 2: 5.9 LBS 2.7 kg









#4

MO
TO 13E000--511GA

SERIAL 3299620980



FACTORY CHARGED									
Y	VOLTS AC	PH	HZ	RLA	LRA	REF. SYSTEM R-22	TEST PRESSURE GAGE		
	208/230	3	60	16.3	114	7.0 LBS	3.2 kg HI	403 PSI	2775 kPa
						LBS	kg LO	150 PSI	1034 kPa
Y	VOLTS AC	PH	HZ	FLA					
	208/230	1	60	1.4					
	208/230	3	60	5.8					
	208/230	1	60	0.6					

SYSTEM PER INSTALLATION INSTRUCTIONS
FOR OUTDOOR INSTALLATION ONLY

POWER SUPPLY 208/230 3 PH 60 HZ
WEARABLE VOLTAGE AT UNIT 254 MAX 187 MIN

MINIMUM CLEARANCES TO COMBUSTIBLE MATERIALS

#4

MODEL 40J2000--511GA

SERIAL 3299620980



FACTORY CHARGED

TY	VOLTS AC	PH	HZ	RLA	LRA	REF.	SYSTEM	R-22	TEST PRESSURE	GAGE
	208/230	3	60	16.3	114	7.0	LBS	3.2	kg HI	403 PSI 2775 kPa
							LBS		kg LO	150 PSI 1034 kPa

TY	VOLTS AC	PH	HZ	FLA			
1	208/230	1	60	1.4			
1	208/230	3	60	5.8			
1	208/230	1	60	0.6			

SYSTEM PER INSTALLATION INSTRUCTIONS FOR OUTDOOR INSTALLATION ONLY

POWER SUPPLY	208/230	3	PH	60	HZ
WEARABLE VOLTAGE AT UNIT	254	MAX	187	MIN	

MINIMUM CLEARANCES TO COMBUSTIBLE MATERIALS

