

**CERTIFICATION OF WORK  
SERVICE CALL**

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

FACID/Building: NY070 Date of Visit: 7/29/24 & 7/30/24

Contractor Personnel on Site:

- |                          |          |
|--------------------------|----------|
| 1. <u>Michael Deaton</u> | 4. _____ |
| 2. _____                 | 5. _____ |
| 3. _____                 | 6. _____ |

**Service Call Number**

CSS# 96209 WO# 14781

Descri	7/29/2024 ERV3 - Found unit running with grinding sounds. Shut off unit and lock out power. Open unit and pull belts. Unit needs two new belts (A38 belts). Check top blower and bottom blower. Bearings are OK. Check top motor, and bottom motor. Both motors have very bad bearings and are grinding when I turn them by hand. Both motors need to be replaced. Check dampers, heat recovery cores, and electrical.
_____	ERV 2 - found unit running and grinding badly. Shut off unit and pull belts off. Needs 2 new belts (A42 and A44 belts). Both motors are grinding badly whe I turn them by hand. Both motors have bad bearings and both motors need to be replaced. Check electrical, controls, dampers, and heat recovery cores.
_____	ERV 1 - Found unit running and grinding badly. Shut off unit and pull belts. Need 2 new belts (A38 belts). Both motors are grinding badly when turned by hand. Bearings are very bad and motors need to be replaced. Check electrical, dampers, heat recovery cores, and controls.
_____	
_____	7/30/2024 Check and troubleshoot unit heater 3 & 4. They are fan coils. No power to fans. Trace power to temp switch on hot water piping. Switch is set to 100 degrees. When closed, fan turns on. Unit 4 is working ok. Unit 3 has a bad motor starter, not sending power to fan. It needs to be replaced.
-----	Order of operation for these fan coil units: Thermostat calls for heat. Relay closes and power is sent to 24v transformer that opens hot water valve. Power is also sent to strap on pipe thermostat that will send 120v to fan at 100 degrees.

**CERTIFICATION OF WORK**

To be signed by the Contractor:

Print Name: Julie Pape Date: 7/31/2024

Signed: Julie Pape

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: John F. Granata AFOS Date: 07/31/2024

Signed: John F. Granata

E-Mail: john.f.granata.ctr@army.mil

# POSTLER & JAECKLE

PLUMBING · HEATING · AIR CONDITIONING  
REFRIGERATION · SHEET METAL

<b>24 HR EMERGENCY</b>		<b>1-800-724-4252</b>
<b>NEW YORK OFFICES</b>		
ROCHESTER	MAIN	585-546-7450
	SERVICE	585-423-6214
ALBANY	SERVICE	518-459-0910
BINGHAMTON	SERVICE	607-757-0100
SOUTHERN TIER	SERVICE	607-739-8303
SYRACUSE	SERVICE	315-455-5587
<b>NEW JERSEY &amp; PENNSYLVANIA</b>		SERVICE 570-883-9563

Date 7/30/2024  
Job No. 69404  
Cost Code 000001887  
Work Order No. 223016507  
Ticket No. 20240724163024  
Customer P.O. 14781

Customer US ARMY WEBSTER RESERVE CENTER (86804)  
Address 515 RIDGE ROAD (NY070), WEBSTER NY 14580  
Contact JOHN GRANATA (944-9099)  
Description Q SCOPE/INVESTIGATE ONLY ~NO REPAIRS. ROOM 131 UH 3&4, ERV1, ERV2, ERV3 PER QUOTE \*SEE NOTES ~CSS96209

## EQUIPMENT

Manufacturer	Model	Serial No.	Location	No.	Desc.	Parts Spec.
N/A	N/A	N/A				

## WORK PERFORMED

Date	Description
7/29/2024	ERV3 - Found unit running with grinding sounds. Shut off unit and lock out power. Open unit and pull belts. Unit needs two new belts (A38 belts). Check top blower and bottom blower. Bearings are OK. Check top motor, and bottom motor. Both motors have very bad bearings and are grinding when I turn them by hand. Both motors need to be replaced. Check dampers, heat recovery cores, and electrical. ERV 2 - found unit running and grinding badly. Shut off unit and pull belts off. Needs 2 new belts (A42 and A44 belts). Both motors are grinding badly whe I turn them by hand. Both motors have bad bearings and both motors need to be replaced. Check electrical, controls, dampers, and heat recovery cores. ERV 1 - Found unit running and grinding badly. Shut off unit and pull belts. Need 2 new belts (A38 belts). Both motors are grinding badly when turned by hand. Bearings are very bad and motors need to be replaced. Check electrical, dampers, heat recovery cores, and controls.
7/30/2024	Check and troubleshoot unit heater 3 & 4. They are fan coils. No power to fans. Trace power to temp switch on hot water piping. Switch is set to 100 degrees. When closed, fan turns on. Unit 4 is working ok. Unit 3 has a bad motor starter, not sending power to fan. It needs to be replaced. Order of operation for these fan coil units: Thermostat calls for heat. Relay closes and power is sent to 24v transformer that opens hot water valve. Power is also sent to strap on pipe thermostat that will send 120v to fan at 100 degrees.

## MATERIAL

Category	PO No.	Description
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## LABOR

Date	Technician Name	Tech Id	ST	OT	DT	Shift	Remark
7/29/2024	Michael Deaton	01553	8.00				
7/30/2024	Michael Deaton	01553	4.00				
		<b>Total</b>	<b>12.00</b>				

## TOOL RENTAL

Tool Description	Week Ending	M	T	W	T	F	S	S
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## SUBCONTRACTOR

## RECOMMENDATION

# POSTLER & JAECKLE

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REFRIGERATION · SHEET METAL

<b>24 HR EMERGENCY</b>		<b>1-800-724-4252</b>
<b>NEW YORK OFFICES</b>		
ROCHESTER	MAIN	585-546-7450
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BINGHAMTON	SERVICE	607-757-0100
SOUTHERN TIER	SERVICE	607-739-8303
SYRACUSE	SERVICE	315-455-5587
<b>NEW JERSEY &amp; PENNSYLVANIA</b>		SERVICE 570-883-9563

**Date** 7/30/2024  
**Job No.** 69404  
**Cost Code** 000001887  
**Work Order No.** 223016507  
**Ticket No.** 20240724163024  
**Customer P.O.** 14781

**Customer** US ARMY WEBSTER RESERVE CENTER (86804)  
**Address** 515 RIDGE ROAD (NY070), WEBSTER NY 14580  
**Contact** JOHN GRANATA (944-9099)  
**Description** Q SCOPE/INVESTIGATE ONLY ~NO REPAIRS. ROOM 131 UH 3&4, ERV1, ERV2, ERV3 PER QUOTE \*SEE NOTES ~CSS96209

**Job Status** JOB STATUS COMPLETE

**Accepted By**

**Tel**

**Email** julie.pape@tideh20.net;

**Comments**

Note: tools and materials may not reflect those listed on the final invoice.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

# Energy Recovery Ventilator



## WARNING

Danger of electric shock. Always disconnect power source before servicing.  
Not For Use In Cooking Area.



## AVERTISSEMENT

Danger de choc électrique. Toujours déconnecter la source d'alimentation avant les réparations.  
Ne Pas Utiliser Dans Une Zone De Cuisson.

### POWER SUPPLY TO UNIT / alimentation d'énergie à l'unité

Voltage	Minimum Circuit Amps	Maximum Overcurrent Protection Device
460V	7.2	15
3-Phase	Minimales de Circuit	Dispositif à maximum de protection contre les surintensités

### Motors Protected by IEC Style Motor Starters

Les Moteurs protégés par des démarreurs de moteur de modèle de 18

(Qty) & HP	FLA
None	-
(Qty) & CV	APC

### Motors Protected by Variable Frequency Drives

Les moteurs protégés par la fréquence variable conduit

(Qty) & HP	FLA
2@2.0	2.9
(Qty) & CV	APC

Code: HE-4XJINH-D34VV-VNTF-L

Model: HE4XIN

Number: G13 3860C



**RenewAire**  
Energy Recovery Ventilation

Label No:





Belts A38-2

ERV - VSD  
Drives

ERV-3

Filters 20x20x2-8

**RenewAire**  
Energy Recovery Ventilators

0A Fil  
DP

ERV  
EA Fil  
DP

**LOUISVILLE**  
300 LB LOAD  
CAPACITY

DAIKIN  
QUAN



**PREMIUM EFFICIENCY 3-PHASE INDUCTION MOTOR** **NEMA Premium™**

TYPE	AEGHUW 001	CAT. NO.	GP0024	AMB	40°C
OUTPUT	2 HP 1.5 kW	FRAME	145T	CODE	L
POLES	4	DESIGN	B	INS.	F
Hz	60	S.F.	1.15	PH.	3
VOLTS	230/460	TEFC			
AMPS	5.48/2.74				
R.P.M.	1740				
SER. NO.	FX S2126416171				
WEG.	6205ZZ 6204ZZ				
WEIGHT	44.2 / 20.1	Lb / kg		NEMA NOM. EFF.	86.5
V NETWORK AT 6.30 / 6.06				NEMA MIN. EFF.	84.0
AMP.					
2 HP 190/380		VOLTS 6.50/3.25		AMPS 1420 R.P.M.	

**TECO Westinghouse MOTOR COMPANY**  
ROUND ROCK, TEXAS

MADE IN CHINA  
23045D346M9E7(1)

CONNECTION DIAGRAM:  
 LOW VOLT 2λ: (4)-(5)-(6) → (7)-(8)-(9) → (1)-(2)-(3)  
 HIGH VOLT Δ: (4)-(5)-(6) → (7)-(8)-(9) → (1)-(2)-(3)

ERV3 Top Motor 460V



# ERV3 Bottom Motor 460V

**PREMIUM EFFICIENCY 3-PHASE INDUCTION MOTOR** **NEMA Premium**

TYPE AEGHUW 001 CAT. NO. GP0024 AMB 40°C

OUTPUT 2 HP 1.5 kW FRAME 145T CODE L RATING CONT

POLES 4 DESIGN B INS. F CONNECTION

HZ 60 S.F. 1.15 PH. 3

VOLTS 230/460 TEFC

AMPS 5.48/2.74

RPM 1740

SER. NO. FX S2126416091

BRG. 6205ZZ 6204ZZ

WEIGHT 44.2 / 20.1 lb / kg

LINE LOW VOLT 2A LINE HIGH VOLT A

AVAILABLE ON 200/208 190/380 V NETWORK AT 6.30 / 6.06

2 HP 100/380 VOLTS 6.50/3.25 AMPS 1420 AMP.

**TECO Westinghouse MOTOR COMPANY**

ROUND ROCK, TEXAS

MADE IN CHINA 33645D346M3E7(L)



ANT  
UCTIVE  
EAT  
ANT

A-38 3X545









# Energy Recovery Ventilator <sup>2</sup>



## WARNING

Danger of electric shock. Always disconnect power source before servicing.  
Not For Use In Cooking Area.



## AVERTISSEMENT

Danger de choc électrique. Toujours déconnecter la source d'alimentation avant les réparations.  
Ne Pas Utiliser Dans Une Zone De Cuisson.

### POWER SUPPLY TO UNIT / alimentation d'énergie à l'unité

Voltage	Minimum Circuit Amps	Maximum Overcurrent Protection Device
460V	7.2	15
60 HZ 3-Phase Amp. Minimaux de Circuit		
Dispositif à maximum de protection contre les surintensités		

### Motors Protected by IEC Style Motor Starters

(Qty) & HP

None

(Qty) & CV

### Les Moteurs protégés par des démarreurs de moteur de modèle de IEC

FLA

-

APC

### Motors Protected by Variable Frequency Drives

(Qty) & HP

2@2.0

(Qty) & CV

### Les moteurs protégés par la fréquence variable conduit

FLA

2.9

APC

Option Code: HE-3XJINH-D34VV-VNTF-L  
MODEL/MODELE: HE3XIN

035947

18428-0000

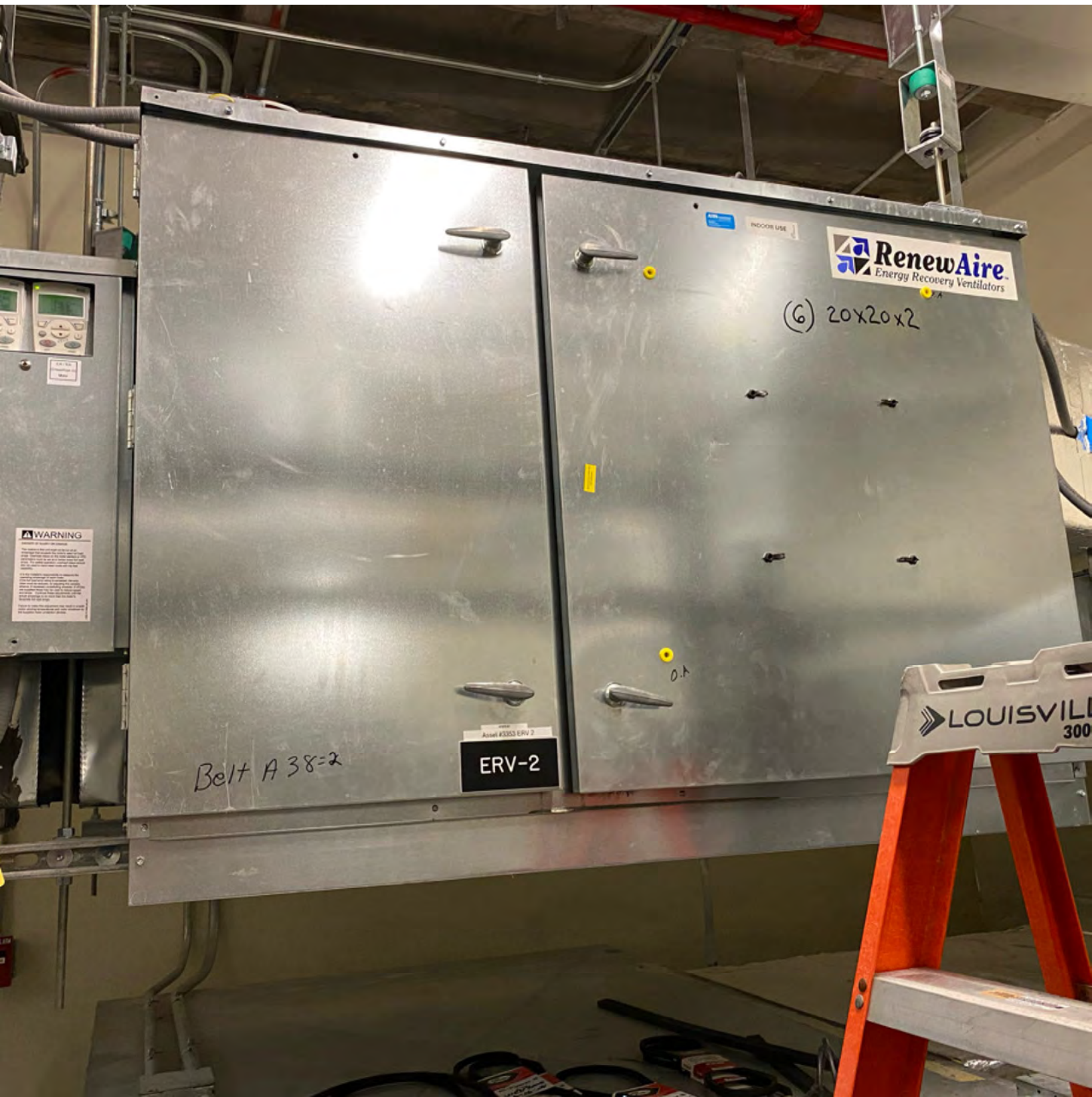
Serial Number: G13 3854C



**RenewAire**  
Energy Recovery Ventilation

Label No:  
134787\_004





**RenewAire**  
Energy Recovery Ventilators

(6) 20x20x2

Belt A 38-2

ERV-2

LOUISVILLE  
300



**PREMIUM EFFICIENCY 3-PHASE INDUCTION MOTOR** **NEMA Premium**

TYPE **AEGHUW 001** CAT. NO. **GP0024** AMB **40°C**

OUTPUT **2 HP 1.5 kW** FRAME **145T** CODE **L** RATING CONT.

POLES **4** DESIGN **B** INS. **F** CONNECTION

Hz **60** S.F. **1.15** PH. **3**

VOLTS **230/460** TEFC

AMPS **5.48/2.74**

R.P.M. **1740**

SER. NO. **FX S2126416170** LOW VOLT 2A HIGH VOLT 1A

BRG. **6205ZZ 6204ZZ** NEMA NOM. EFF. **86.5**

WEIGHT **44.2 / 20.1** Lb / kg NEMA MIN. EFF. **84.0**

USABLE ON **200 / 208** V NETWORK AT **6.30 / 6.06** AMP

**TECO Westinghouse MOTOR COMPANY** **ROUND ROCK, TEXAS**

MADE IN CHINA

ERV2 Top Motor 460V



# ERV2 Bottom Motor 460V

**PREMIUM EFFICIENCY 3 PHASE INDUCTION MOTOR** **NEMA Premium**

TECHNICAL DATA: 2 HP 1.5 kW FRAME 100T 100V 1.0 L/1.0T HEATING CONT

DESIGN B INS. F CONN. CTION

PH 1.5

VOLTS 460

AMPS 2.74

TEFC

LINE LOW VOLTAGE HIGH VOLTAGE

WEIGHT 11.5 LB

USDA 100% 25% 50% 75% 100%

TECO WEIRHOUSE

50/3.25 AMP 1420 RPM

OTOB COMPANY

ROUND ROCK, TEXAS

CE

1/4 HP 1.0 L/1.0T

100V 1.0 L/1.0T





# Energy Recovery Ventilator

# 1

## ⚠ WARNING

Danger of electric shock. Always disconnect power source before servicing. Not For Use In Cooking Area.



## AVERTISSEMENT

Danger de choc électrique. Toujours déconnecter la source d'alimentation avant les réparations. Ne Pas Utiliser Dans Une Zone De Cuisson.

### POWER SUPPLY TO UNIT / alimentation d'énergie à l'unité

Voltage	Minimum Circuit Amps	Maximum Overcurrent Protection Device
460V	13.9	15
60 HZ 3-Phase Amp	Minimaux de Circuit	Dispositif à max. mem de protection contre les surintensités

### Motors Protected by IEC Style Motor Starters

(Qty) & HP

None

(Qty) & CV

### Les Moteurs protégés par des démarreurs de moteur de modèle de IEC

FLA

-

APC

### Motors Protected by Variable Frequency Drives

(Qty) & HP

1@5.0, 1@3.0

(Qty) & CV

### Les moteurs protégés par la fréquence variable conduit

FLA

6.7, 4.24

APC

Option Code: HE-4XJINH-D34XW-VNTF-L  
MODEL/MODELE: HE4XIN

SO#: 035947

JO#: 18427-0000

Serial Number: G13 3861C



**RenewAire**  
Energy Recovery Ventilation

Label No:  
134787\_004



**PREMIUM EFFICIENCY 3-PHASE INDUCTION MOTOR** **NEMA Premium**

TYPE	AEGLUW 001	CAT. NO.	GP0034	AMB	40°C
OUTPUT	3 HP 2.2 kW	FRAME	182T	CODE	K
POLES	4	DESIGN	B	INS.	F
Nz	60	S.F.	1.15	PH.	3
VOLTS	230/460	TEFC			
AMPS	8.48/4.24				
RPM	1755				
SER. NO.	BY S3132353067				
BRG	6206ZC3	6205ZC3			
WEIGHT	77	35	Lb / kg		
WARRANTY	200/208	V NETWORK AT			
HP	190/380	VOLTS 9.60/4.80			
		AMPS 1440		RPM	
TECO Westinghouse MOTOR COMPANY					
ROUND ROCK, TEXAS					

MADE IN CHINA

ERV1 Top Motor 3HP 460V



**PREMIUM EFFICIENCY** **NEMA Premium**  
**3-PHASE INDUCTION MOTOR**

TYPE	GRW 001	ALIAS NO.	GP0054	AMB	40°C
OUTPUT	5 HP 3.7 kW	FRAME	184T	CODE	J
POLES	4	DESIGN	B	INS.	F
Hz	60	S.F.	15	PH.	3
VOLTS	230/460	TEFC			
AMPS	13.1/6.55				
R.P.M.	1740				
SER. NO.	EXP3125384 015				
BRG.	6206ZZC3	6205ZZC3			
WEIGHT	83.6 / 38.0	Lb / Kg			
USABLE ON	200 / 208	V. NETWORK AT			
DATA	4.4 / HP	190 / 380	VOLTS	13.3 / 6.65	AMP
			15.0 / 14.5	AMP	
			1440	R.P.M.	

**TECO Westinghouse MOTOR COMPANY**  
 ROUND ROCK, TEXAS

CHINA  
 32045R3346M9E5(W)

ERV1 Bottom Motor 5HP 460V











**McQuay**  
Air Conditioning

NY070-01

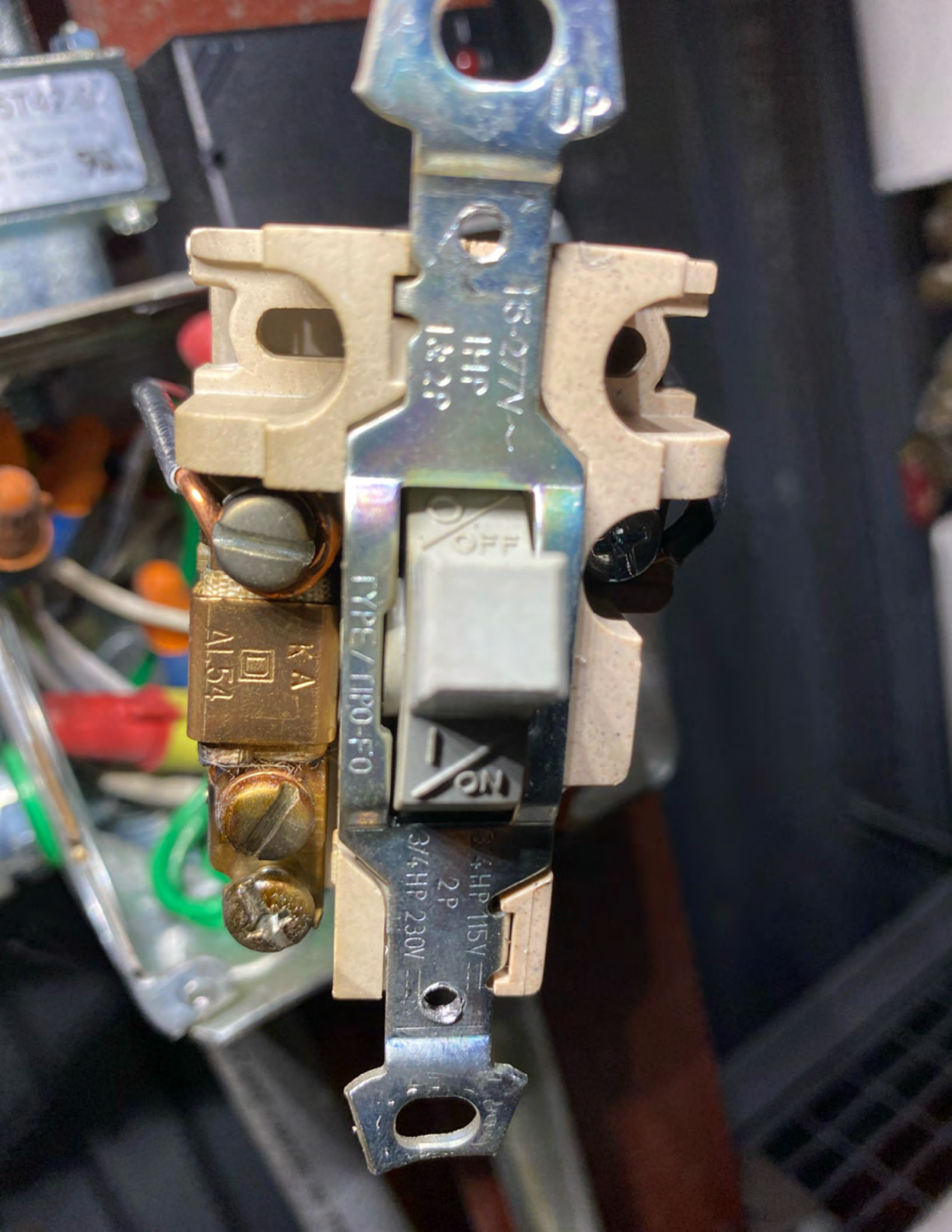
Asset #4605 unit heater#4











ST424

UP

15-27V

1HP

18.2P

OFF

ON

TYPE / IIP0-F0

AL54

KA

4HP 15V

2P

3/4HP 230V