

Region: 5

Location: VA049

CSS #: 32296

Maximo Work Order No.: 15003

Asset #: NA

Date Issued: 9/16/21

Original Description: need Proposal for system replacement per Moore's -Unit 1 Located in conference room located by the stairs to the mechanical room

Repairs Needed:

Moore's proposes to remove and replace the above split system with a new Carrier 3 ton heat pump split system with electric heat. This includes connecting to existing duct connections with modifications needed, drain line connections with a new overflow safety switch, refrigerant connections with new fittings and a system flush, electrical connections from the existing outdoor disconnect to the new unit and low voltage connections to the new digital thermostat.

Pressure test the system and charge according to the manufacturers specifications. Start, test, and ensure proper

RS Means Line Buildup and Labor Summary (Data Version 2017, Q4):

Quantity	Line Item Number	Description	Labor Hours	Labor Rate/Hr	Materials	Equipment	Total
--	NA	Materials (see attached detail)	--	--	\$6,298.60	--	\$6,298.60
--	NA	Moore's Labor (2 men)	20	\$120.00	--	--	\$2,400.00
--	NA	TW Coordination	4	\$80.00	--	--	\$320.00

Estimate Summary:

Labor Hours	Labor Cost	Material Cost	Equipment	Total Cost	CE Factor	Total Estimate
24	\$2,720.00	\$6,298.60		\$9,018.60	106%	\$9,559.72



P.O. Box 119 • Altavista, VA 24517 • 24 Hour Service: 800.789.7199 • Fax: 888.722.2712 • MooresElectric.com

Proposal

April 28, 2022

Quotes are valid for 30 days.

USARC - VA049
6700 Strathmore Rd.
N Chesterfield, VA 23237
Email colopy@tideh2o.net & Mary.Lowery@tideh2o.net

Contact Name Mary Lowery & Adam Colopy
Telephone
Cell Phone 614-623-9569
Fax Number

WO: CSS-32296 WO 15003

DESCRIPTION OF EQUIPMENT:

System tagged #4

Carrier 3 ton Heat Pump Split System (2000 system 21 years old)
CU - M#38YCC036 S# 2800E31041 AHU - M# FB4ANF036 S# 2900A85348

DESCRIPTION OF REPAIRS:

To remove and replace the above split system with a **new Carrier 3 ton heat pump split system with electric heat**. This includes connecting to existing duct connections with modifications needed, drain line connections with a new overflow safety switch, refrigerant connections with new fittings and a system flush, electrical connections from the existing outdoor disconnect to the new unit and low voltage connections to the new digital thermostat. Pressure test the system and charge according to the manufacturers specifications. Start, test, and ensure proper operation of the system.

*** UNIT COMES WITH A ONE YEAR PARTS AND LABOR WARRANTY AND FIVE-YEAR COMPRESSOR PART WARRANTY***

*** There will be two men required due to our safety policy and amount of work needed***

NOTE: A BOOM TRUCK/LIFT WILL BE REQUIRED TO GET THE CONDENSERS UP ONTO THE ROOF.

NOTE: EQUIPMENT TIME IS SUBJECT TO CHANGE BASED ON STOCK AVAILABILITY.

NOTE: EQUIPMENT IS CURRENTLY IN LOCAL STOCK BUT LIMITED.

NOTE: WORK IS TO BE DONE DURING NORMAL BUSINESS HOURS.

*****NOTE: QUOTE IS ONLY VALID FOR 14 DAYS*****

NOTE: Customer is responsible for all non-returnable items and/or restocking charges that apply should the quote be cancelled by the customer, or the scope of work changes in anyway after Moore's has received approval.

Exclusions:

- All fire alarm wiring/connecting and/or coordination
- Engineering or drawings for permit and/or Structural load calculations
- Hazardous material testing, abatement or disposal
- Roof cutting or patching and/or structural modifications • Smoke detectors
- Temporary heating or cooling • Air test and balance • Overtime
- Annunciators/strobes or key switch boxes and wiring

MATERIAL, EQUIP OR PARTS

	Quantity	Sell price
Equipment	1.00	\$ 3,903.60
Electrical	1.00	\$ 90.00
Drain & Overflow Safety	1.00	\$ 114.00
Ductwork	1.00	\$ 180.00
Refrigerant Fittings & system Flush	1.00	\$ 156.00
Torch, Vacuum & Nitrogen	1.00	\$ 180.00
T-Stat & Wiring	1.00	\$ 198.00
Duct lift	1.00	\$ 420.00
Boom Truck/Lift	1.00	\$ 780.00
Condenser Foundation Materials	1.00	\$ 42.00
S&H	1.00	\$ 180.00
Truck Fee	1.00	\$ 55.00
Material Total	\$	6,298.60

LABOR ITEMIZED

		Labor
Labor - One Man	10	\$ 120.00 \$ 1,200.00
Labor - Second Man	10	\$ 120.00 \$ 1,200.00
Labor Total		\$ 2,400.00

Thank you for your business. If you have any questions or concerns, please feel free to contact us via telephone or quotes@mooreselectric.com

	Materials	\$ 6,298.60
	Labor	\$ 2,400.00
TOTAL	\$	8,698.60

Robert Lowery, Changeout Estimator 434-309-2591

Approved by: _____

Standard Terms and Conditions

Payments past 30 days are subject to 1.5% monthly service charge on unpaid balance. Additional charges for payments made through credit cards may apply. Late payments sent to collections or legal process the purchaser agrees to pay all costs, expenses, and reasonable attorney fees.

Carrier Enterprise, LLC

Carrier Mid-Atlantic
2401 Dabney Road
Richmond, VA 23230



BILL TO: MOORE'S ELECT & MECH CONST INC
P.O. BOX BOX 119
ALTAVISTA, VA 24517

QUOTE

ORDER NO.	898567-00	PAGE	1 OF 1
ORDER DATE	04/28/22	CUST #	108661
PURCHASE ORDER NO.	TIDEWATER 4 TON HP		
CONTACT	ROBERT		
PHONE	(434)369-4374/		
SALESPERSON	Adam Murphy		
EXPIRATION DATE	05/29/22		

DATE & TIME PRINTED 04/28/2022 09:00:00

SHIP TO: MOORE'S ELECT & MECH CONST INC
P O BOX 119
ALTAVISTA, VA 24517

NOT a Valid Payment Receipt

Visit us today at ma.carrierenterprise.com!

SHIP VIA	Best Way PPB	PAYMENT TERMS	1.5% 10 Prox	FOB	Shipping Point
REFERENCE		CUSTOMER SERVICE:		REMIT PAYMENT TO:	
INSTRUCTIONS		CONTACT	Leroy Dickenson	Carrier Enterprise, LLC - CMA	
ORDER NOTES		PHONE	(804)678-5134/	P.O. Box 32156	
		FAX	866-776-0860	New York, NY 10087-2156	
		EMAIL	Leroy.Dickenson@carrierenterprise.com		

#	PRODUCT AND DESCRIPTION	SRC	DELIVERY DATE		QUANTITY	UNIT	UNIT PRICE	EXT. PRICE
			REQUEST	ESD				
2	FB4CNP048L00 FAN COIL ALUM 4T	1601	09/15/21		1	each	1,105.00	1,105.00
3	FC-2901N09 9KW ELECT HTR NON-FUSED	1601	09/15/21		1	each	100.00	100.00
4	25HCE448AP05 COMFORT 14 HEAT PUMP	1601	09/15/21		1	each	2,598.00	2,598.00

ANY SALE OF THE GOODS INDICATED ON THE FACE OF THIS ACKNOWLEDGEMENT IS SUBJECT TO SELLER'S GENERAL TERMS AND CONDITIONS OF SALE INCLUDING BUT NOT LIMITED TO STANDARD LIMITED WARRANTY TERMS. ACCEPTANCE OF THIS ORDER IS EXPRESSLY MADE CONDITIONAL ON YOUR ASSENT THERETO AND SELLER DOES NOT ACCEPT ANY ADDITIONAL OR DIFFERENT TERMS CONTAINED IN YOUR PURCHASE ORDER OR ANY OTHER COMMUNICATION FROM YOU. ANY TAX OR FREIGHT CHARGES NOTED ABOVE ARE ESTIMATES ONLY AND SUBJECT TO CHANGE PRIOR TO SHIPMENT. THIS IS NOT AN INVOICE.

SUBTOTAL	3,803.00
ESTIMATED TAX	231.60
ESTIMATED FREIGHT	0.00
TEMP INFLATION SURCHARGE	57.05
AMOUNT TENDERED	0.00
ESTIMATED AMOUNT DUE	4,091.65

THIS IS NOT AN INVOICE

Carrier Enterprise, LLC

Carrier Mid-Atlantic
2401 Dabney Road
Richmond, VA 23230



BILL TO: MOORE'S ELECT & MECH CONST INC
P.O. BOX BOX 119
ALTAVISTA, VA 24517

QUOTE

ORDER NO.	897793-00	PAGE	1 OF 1
ORDER DATE	04/28/22	CUST #	108661
PURCHASE ORDER NO.	TIDEWATER INC		
CONTACT	ROBERT		
PHONE	(434)369-4374/		
SALESPERSON	Adam Murphy		
EXPIRATION DATE	05/29/22		

DATE & TIME PRINTED 04/28/2022 09:07:29

SHIP TO: MOORE'S ELECT & MECH CONST INC
P O BOX 119
ALTAVISTA, VA 24517

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REFERENCE		CUSTOMER SERVICE:		REMIT PAYMENT TO:	
INSTRUCTIONS		CONTACT	Leroy Dickenson	Carrier Enterprise, LLC - CMA	
ORDER NOTES		PHONE	(804)678-5134/	P.O. Box 32156	
		FAX	866-776-0860	New York, NY 10087-2156	
		EMAIL	Leroy.Dickenson@carrierenterprise.com		

#	PRODUCT AND DESCRIPTION	SRC	DELIVERY DATE		QUANTITY	UNIT	UNIT PRICE	EXT. PRICE
			REQUEST	ESD				
1	25HCE436AP05 COMFORT 14 HEAT PUMP	1601	09/15/21		2	each	2,045.00	4,090.00
2	FB4CNP036L00 FAN COIL ALUM 3T	1601	09/15/21		2	each	878.00	1,756.00
3	FC-2901N09 9KW ELECT HTR NON-FUSED	1601	09/15/21		2	each	100.00	200.00

ANY SALE OF THE GOODS INDICATED ON THE FACE OF THIS ACKNOWLEDGEMENT IS SUBJECT TO SELLER'S GENERAL TERMS AND CONDITIONS OF SALE INCLUDING BUT NOT LIMITED TO STANDARD LIMITED WARRANTY TERMS. ACCEPTANCE OF THIS ORDER IS EXPRESSLY MADE CONDITIONAL ON YOUR ASSENT THERETO AND SELLER DOES NOT ACCEPT ANY ADDITIONAL OR DIFFERENT TERMS CONTAINED IN YOUR PURCHASE ORDER OR ANY OTHER COMMUNICATION FROM YOU. ANY TAX OR FREIGHT CHARGES NOTED ABOVE ARE ESTIMATES ONLY AND SUBJECT TO CHANGE PRIOR TO SHIPMENT. THIS IS NOT AN INVOICE.

SUBTOTAL	6,046.00
ESTIMATED TAX	368.20
ESTIMATED FREIGHT	0.00
TEMP INFLATION SURCHARGE	90.69
AMOUNT TENDERED	0.00
ESTIMATED AMOUNT DUE	6,504.89

THIS IS NOT AN INVOICE



HONEYWELL HOME

Low Voltage Thermostat

Item # 6WU99

UNSPSC # 41112209

Mfr. Model # TH5220D1029

Catalog Page # N/A

Country of Origin Mexico. Country of Origin is subject to change.

These thermostats have a digital display for a more modern appearance than analog thermostats. They're often used for temperature control in residential and commercial applications. They're nonprogrammable, so the temperature setting stays the same.

 Compare this product

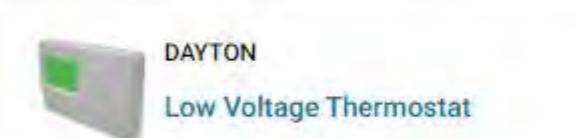
Roll over image to zoom.

Product Image Feedback

Technical Specs

Item	Low Voltage Thermostat	Overall Height	3 9/16 in
Application	Heat and Cool	Overall Width	5 13/16 in
Changeover Type	Automatic and Manual	Shape	Rectangle
Compatible System Type	Heat Pump with Aux, Electric Forced Air Furnaces, Millivolt	System Settings	Auto-Cool-Emergency Heat-Heat-Off
Control Type	Push Button	Temperature Differential	1 Degrees F
Dehumidification Control	No	Temperature Scale	Fahrenheit/Celsius
Digit Size	Easy Read	Terminal Designations	C, G, R, RC, W-O/B, W2-AUX/E, Y, Y2-L
Display Type	Digital	Thermostat Type	Low Voltage
Dual Transformer Compatible	Yes	Voltage	24V AC
Fan Settings	Auto	Backlit Type	Press Button
		Battery Type	(2) AA Batteries

Customers Also Viewed



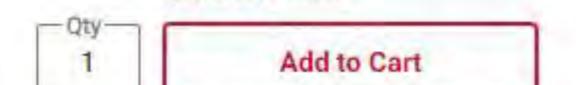
DAYTON

Low Voltage Thermostat

Item # 6EEA2

Web Price

\$36.15 / each



PRO1 IAQ

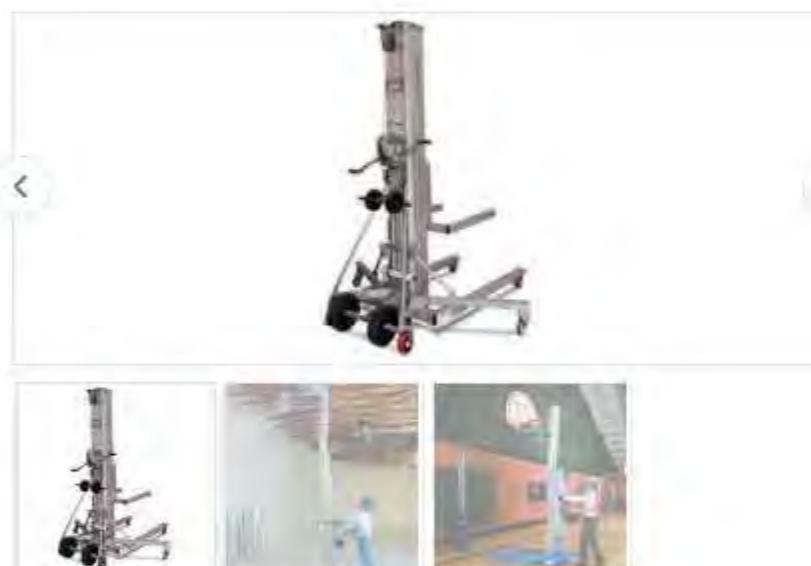
Low Voltage Thermostat

Item # 45KE91

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[Equipment](#) > [Forklifts & Material Handling](#) > [Material Lifts](#) > Material Lift, 400-650 Lbs., 24-25 Ft., Manual



Cat Class Code: 330-9727



Material Lift, 400-650 lbs., 24-25 ft., Manual

This material lift — or contractor lift — is known for its strength, durability and size. Heavy-duty yet lightweight and portable, the material lift transports and lifts ducting, fiberboard, construction framework, roll-up doors, transformers, HVAC equipment, overhead piping and more. The maximum capacity is up to 650 lbs. The rear transport wheel assembly increases maneuverability and it loads into a pickup truck. This lift features a quick setup that requires no tools. Pipe cradle and load platform attachments are also available. Manufacturers include Genie, which supplies the Superlift.

- Easily fits through doorway
- Rear transport wheel assembly for increased maneuverability
- Folds down for compact storage and handling
- Heavy-duty design
- Add this material lift to your cart now

Pricing

[WEB RATE](#)[Daily
\\$100](#)[Weekly
\\$268](#)[Monthly
\\$519](#)

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Start Date**End Date****Quantity**

1

+

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Roll over image to zoom.

NU-CALGON

Refrigeration Flush Solvent Kit

Item # 20LP88

Mfr. Model # 4300-30

UNSPSC # 47131805

Catalog Page # 3013

Country of Origin USA. Country of Origin is subject to change.

This NU-CALGON refrigeration system flush kit is a fast acting solvent and dissolves more oil, moisture and contaminants than other flush systems. This easy-to-use flush system is ideal for line sets, burnouts, and in other flushing applications.

View More

 Compare this product

 Product Image Feedback

Technical Specs

Item	Refrigeration System Flush Kit
Form	Aqueous Solution
Size	19.5 oz
Color	Clear

 Technical Specs Feedback

Compliance and Restrictions

Application	Flush away particulates in Refrigeration Products
Non-Flammable	Yes
Non-Toxic	Yes
Optimum Boiling Point	115 Degrees F

Documentation

Web Price

\$101.44 / each

Qty

1

Add to Cart

 Shipping

 Pickup

Expected to arrive Fri. Sep 17.

Ship to 24517 | Change

Shipping Weight 1.35 lbs

Ship Availability Terms

Add to List

Customers Also Viewed



NU-CALGON

Refrigeration Flush Solvent Kit, Clear

Item # 20LP89

Web Price

\$221.52 / each

Qty

1

Add to Cart

Product Categories / Plumbing / Plumbing Valves / Shut-Off Valves / Water Detection and Shut-Off Systems / Condensation Flood Detector Switch

[Email](#) [Print](#)



DIVERSITECH

Condensation Flood Detector Switch

Item # 6XJG7

UNSPSC # 39121531

Mfr. Model # WS-1

Catalog Page # 3092

Country of Origin China. Country of Origin is subject to change.

Solid state switch is designed to detect the presence of condensate water overflow.

Compare this product

Roll over image to zoom.

Product Image Feedback

Technical Specs

Item	Condensation Flood Detector Switch	Amps	2 A
Voltage	24V AC		

Technical Specs Feedback

Customers Also Purchased



Web Price \$76.37 / each

Qty

1

Add to Cart

Shipping

Pickup

Expected to arrive Mon. Sep 20.

Ship to 24517 | Change

Shipping Weight 0.6 lbs

[Ship Availability Terms](#)

[Add to List](#)

Customers Also Viewed

DIVERSITECH
Condensation Overflow Safety Switch

Item # 6XJH7

Web Price \$53.82 / each

Qty

1

Add to Cart

Chat with an Agent

2800E31041

38YCC036--531--

38YCC016530

11 10 11 57

100% 100% R-22

0.38 1.01 2.90

100% 100% 14

205/250

3 2 60

100% 100%

100% 100% 18

100% 100% 100%

100% 100%

205/250

3 2 60

100% 100%

100% 100%

205/250

3 2 60

100% 100%

100% 100% 205

100% 100% 105

20 100% 20



#4 ODU

EMC
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CO. 11-1988-12

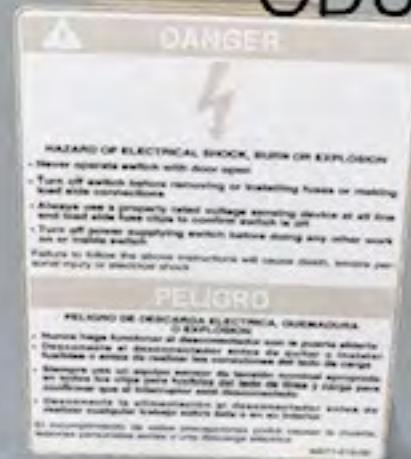
TRANE 4

ODU4
roof pen.
3/4x3/8 ls





ODU4
3 ton
hp



PELIGRO

PELIGRO DE ELECTRICIDAD ELÉCTRICA, QUEMADURA, O EXPLOSIÓN.

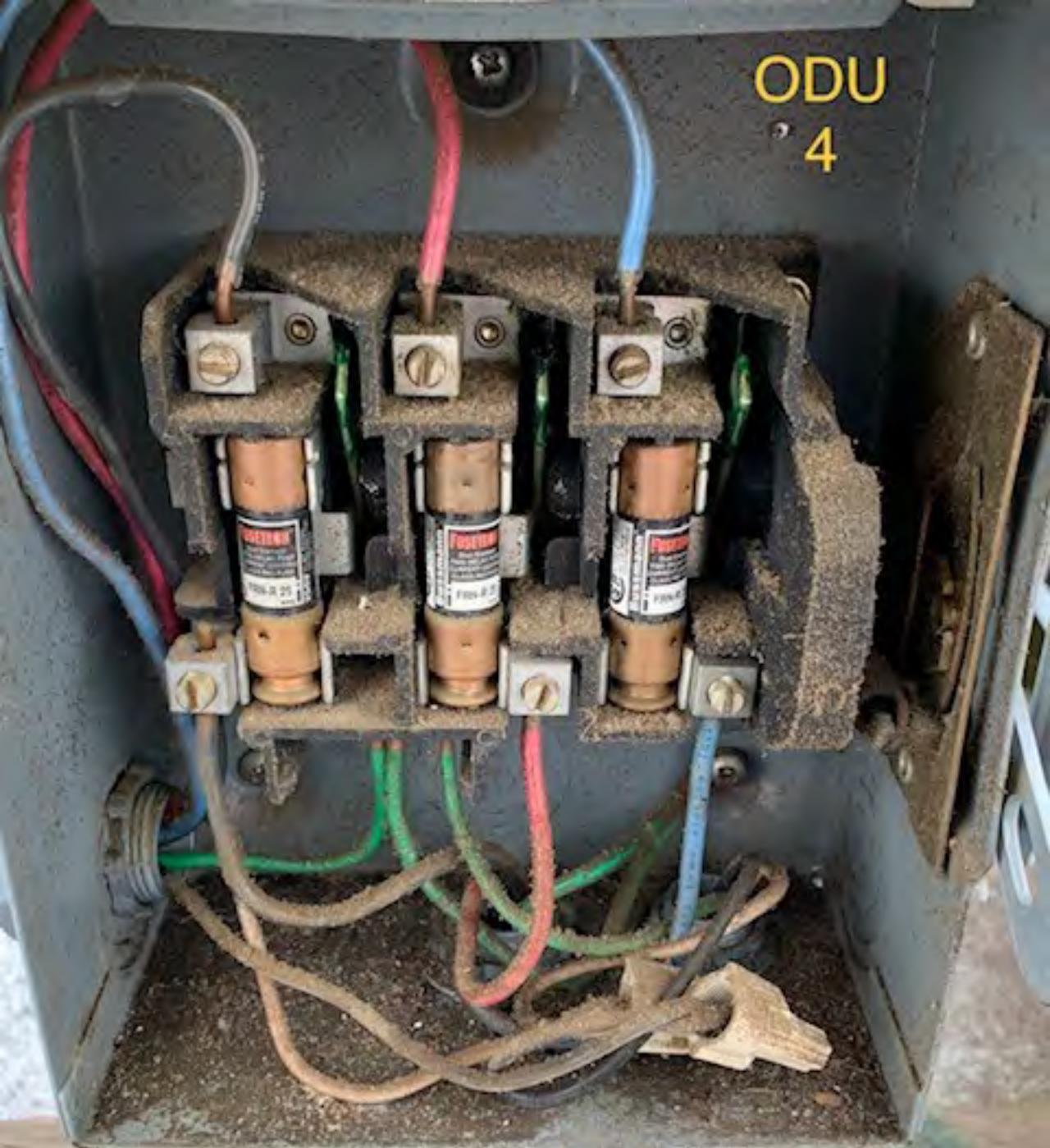
- Never operate switch with door open.
- Turn off switch before removing or installing fuse or installing load while connecting.
- Always use a properly rated voltage sensing device at all time and load while fuse is out to confirm switch is off.
- Turn off power supplying switch before doing any other work than to repair this switch.
- Failure to follow the above instructions will cause death, injury, or damage to property or equipment.

OFF



EDU 4 disconnect

ODU
4



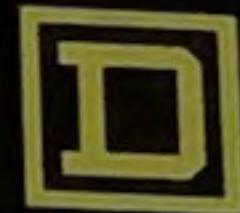
Carrier

Carrier
4A



Carrier

7A



SQUARE D

GENERAL DUTY
SAFETY SWITCH
INTERRUPTOR DE
SEGURIDAD DE
USO GENERAL

60 AMP
240 Vac / V-



DANGER / PELIGRO

HAZARD OF ELECTRIC SHOCK, BURN OR EXPLOSION
PELIGRO DE DESCARGA ELECTRICA, QUEMADURAS O EXPLOSION

- Never operate switch with door open. Keep door fastened.
- Turn off switch before removing or installing fuses or making load side connections.
- Always use a properly rated voltage sensing device at all line and load side fuse clips to confirm switch is off.
- Turn off power supplying switch before doing any other work on or inside switch.
- Nunca haga funcionar el interruptor con la puerta abierta. Mantenga la puerta asegurada.
- Apague el interruptor antes de extraer o instalar fusibles o de hacer las conexiones en el lado de carga.
- Confirme siempre que el interruptor está apagado, utilizando un dispositivo que mida la tensión en todos los portafusibles instalados en el lado de línea y de carga.
- Desconecte toda la alimentación al interruptor antes de realizar cualquier otro trabajo sobre éste o en su interior.

Failure to follow these

El incumplimiento de estos

Carrier
4A



DANGER



PELIGRO



Ahu4
access





Ug

PRODUCTION NO.
MODEL NO.
SERIAL NO.
VOL TS
NO 709
MOTOR HP
PHASE FLA
TEST HERTZ
PERIOD HZ

CEH199 INFORMATION
ELECTRICAL
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CAUTION

CAUTION

A GUIDE TO COMMERCIAL BANKING 1973-74